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- 346th in the world – Academic Ranking of World Universities (ARWU) 2012

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- 30th in the world – QS Top 50 Under 50 Rankings 2012

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NSW 2522 Australia

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UNDERGRADUATE HANDBOOK
UNIVERSITY OF WOLLONGONG
2013

UNIVERSITY OF WOLLONGONG

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CALENDAR SERIES 2013

There are three volumes of the Calendar Series:

2013 Undergraduate Handbook
2013 Postgraduate Handbook

Editorial and Production

Publications, Policy and Governance Unit
Academic Registrar's Division

Cover Design

UniAdvice

Printing and Typesetting

Print and Distribution Services
University of Wollongong
Wollongong NSW 2522

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NSW 2522 Australia

Disclaimer

The University of Wollongong attempts to ensure that the information contained in this publication is correct at the time of printing (December 2012) however sections may be amended without notice by the University in response to changing circumstances or for any other reason. More up-to-date information is published online at www.uow.edu.au/handbook/ Students are advised to consult the online Handbook prior to enrolment.

University of Wollongong

CRICOS number: 00102E
ISSN: 0312-0007
Date of Publication: December 2012

UNDERGRADUATE HANDBOOK 2013

CALENDAR SERIES
VOLUME 1

About this Handbook

Course and Subject information is provided in alphabetical order by degree name.

Course information includes: campus; course code; duration; My University keywords, total credit points; mode of delivery; course description; course program; entry requirements; advanced standing; and information about honours.

Subject information includes: subject description; subject code; credit points; session of offer; campus; and pre-requisites.

For information on the Rules and Policies of the University which govern many aspects of study and other activities at the University, please see the University Policy Directory www.uow.edu.au/about/policy.html

Course and Subject Information Online

The University website (www.uow.edu.au) contains comprehensive information for prospective and current students. Course and subject information online is more detailed and current than the information contained in this Handbook because it is updated regularly throughout the year.

The Course Finder Database

The primary source of information for prospective students, the CourseFinder database provides additional information than that contained in this Handbook, including information about employment opportunities, the UAI required for entry, language requirements, scholarships etc. The CourseFinder database can be assessed online at www.uow.edu.au/future

Course Information

The primary source of information for current students, the online Course Handbook 2013 can be assessed at www.uow.edu.au/handbook/ or via the Current Students homepage at www.uow.edu.au/student

This online version provides more detailed information about how to design your program of study, as well as current information on course rules and policies. You can also access detailed subject descriptions through this web page.

Subject Database

The online subject database contains more detailed information about individual subjects. Additional details include: subject objectives, lecturer details, co-ordinator details and textbook information. Enter via www.uow.edu.au/handbook

How to Find Subject Information online

Current Students

v

Choose **Course Handbook** from the menu

v

Choose **Subject Descriptions,** then nominate year and choose either postgraduate or undergraduate

v

Search Method 1

Choose Faculty and then School/Department then click on the subject name.

Search Method 2

If you know the subject code for the subject you are looking for (eg CHEM103) then enter the whole subject code in the search field and then click on subject name.

Timetable Information

You can find out when your subjects have been scheduled and the teaching facility in which your class is located by searching online at www.uow.edu.au/student/timetables/.

Individual timetables are provided for each campus. In addition, you can use SOLS to nominate your tutorial and practical preferences for most subjects at www.uow.edu.au/student/tps/.

Disclaimer

This publication was correct at time of printing (December 2012). Please refer to www.uow.edu.au/handbook for the most current information.

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Bachelor of Arts

Testamur Title:	Bachelor of Arts
Abbreviation:	BA
My University:	Asia Pacific, Australian Studies, Comparative Indigenous Studies; Culture and Identities, English Literatures, English Language & Linguistics, Ethics, Gender Studies, Global Media, History, Human Security, International Relations, Languages, Masculinities, Peace keeping, Philosophy, Politics, Postcolonial, Resource & Environmental, Sociology, Science & Technology, Transcultural Communication
Duration:	3 years full-time or part-time equivalent
Total Credit Points:	144
Delivery Mode:	On campus (Face-to-face)
Starting Session(s):	Autumn/Spring. (Students eligible for credit transfer may begin in Summer Session if appropriate subjects are available).
Location:	Wollongong
	Bega, Batemans Bay, Southern Highlands & Shoalhaven Campuses*
UOW Course Code:	702
UAC Code:	753101, 753106, 753107, 753108, 753102
CRICOS Code:	000612E

** The Bachelor of Arts offered at Bega, Batemans Bay, Southern Highlands & Shoalhaven Campuses is listed in a different page - Bachelor of Arts*

Overview

A Bachelor of Arts degree is one of the more traditional and popular university degrees, though it has changed in shape and content throughout the years and from country to country. The BA today is made up of subjects with origins in the humanities; history, literature, languages and philosophy and the disciplines developed during the nineteenth century that we now know as the social sciences; cultural studies, sociology, psychology and politics. While universities package courses in a variety of ways, these and related disciplines are generally included in an Arts degree, even if they are not always located in that Faculty.

Entry Requirements / Assumed Knowledge

NSW HSC entry through UAC

Students apply through UAC and satisfy the ATAR requirement for the year of application. Assumed knowledge: any two units of English.

Other Secondary Qualifications

Students with secondary qualifications outside NSW will be considered on a case-by-case basis.

Tertiary Qualifications

Applications will be considered from students with the following tertiary qualifications:

- a completed Diploma or Advanced Diploma from TAFE or other accredited institutions;
- not less than one-sixth of a Bachelor degree from an approved university;
- other tertiary courses approved by the University of Wollongong.

Overseas Qualifications

Students with tertiary qualifications obtained overseas will be considered, provided that they satisfy University's minimum admission requirements.

Alternative Entry (Domestic applicants)

Applicants who achieve an appropriate score in one of the following qualifications may be considered for admission:

- Overseas Year 12, equivalent to Year 12 in Australia.
- TAFE Tertiary Preparation Certificate (TPC).
- A Diploma or Foundation Studies Program from a recognised private institution
- University Access Program (Wollongong College Australia) - for people over 21 years of age, or are 21 during the course of the program.
- Special Tertiary Admissions Test (STAT) for people over 20 years of age on 1 March in the year preceding enrolment.
- Indigenous and Torres Strait islander alternative entry program

Course Requirements

To qualify for award of the degree of Bachelor of Arts course code 702 a student must complete a total of at least 144 credit points from subjects listed in the Course Structures of the Bachelor of Arts offered by member units and other subjects as approved by the Faculty.

The 144 credit points shall include:

- The subjects prescribed for one of the majors listed in the Course Structures for that degree and offered by member units;
- 24 credit points of 300 level subjects within the major must be at a pass grade or better;
- To complete the credit points required for the degree, students can take another major, a minor or elective subjects offered by UOW.
- Not more than 60 credit points in 100-level subjects.
- ARTS100 Peer-2-Peer Mentoring.

Peer-2-Peer Mentoring

Peer-2-Peer Mentoring (subject code ARTS100) is a compulsory zero credit point subject that must be undertaken by each student during their first year. This subject consists of a one hour weekly tutorial during the student's first session of study. This subject is designed to enable incoming students to adapt rapidly to the tertiary environment and engage with the university community.

Students can find information at www.uow.edu.au/arts/current/artscentral/UOW087916.html

Choosing a Major in the Bachelor of Arts (Wollongong)

The Bachelor of Arts (702), is one of the more open degrees offered by the University. Rather than relying on a prescribed program of study, it offers students a range of choices. The degree offers majors in the disciplinary areas familiar from study at school, like English Literatures, History and Languages. Other disciplinary areas that might not be as familiar, include Cultural Studies, Philosophy, Sociology, Politics and Science and Technology Studies. The study of a discipline gives students a developing set of skills while they acquire a set of conceptual frameworks and a body of knowledge interpreted using those frameworks. For example, within the study of 'history', students learn how to research and write history, as well as how to read what historians have thought about the past.

The Bachelor of Arts also offers interdisciplinary studies. These are built around either a place (for example Australian Studies or European Studies) or a theme (for example Indigenous Studies). These areas reach across disciplines to illustrate different ways an issue can be explored. Employment Relations, for example, draws from Economics, Management and Sociology. Australian Studies relies on History and Indigenous Studies. Interdisciplinary study areas ask the students to step outside the comfort zone offered by disciplinary majors and offer challenging alternatives to traditional areas of study.

Most majors offered in the Bachelor of Arts require either 52 or 54 credit points although some require more (for example, those taking a Language as a beginner). Some majors are quite open in their requirements allowing students to navigate their way through the program by meeting credit point requirements at each level (for example, English Literatures and Philosophy). Others have core subject requirements to complete the major (for example Sociology and Employment Relations). All majors require at least a pass in 24 credit points (or three subjects) at 300 level from the subjects offered for the major. The requirements for each major are set out later in this Handbook.

Choosing a Major in the Bachelor of Arts (Bega, Batemans Bay, Southern Highlands & Shoalhaven)

For information on Bachelor of Arts majors offered at Bega, Batemans Bay, Moss Bale and Shoalhaven campuses please see the separate entry on - Bachelor of Arts

Majors and Minors

Students can undertake a double major in their degree. As long as the first major is taken from those offered by Arts, the second major can be taken from Arts, or from another faculty, provided students meet the requirements for that major. The most common second majors taken outside the Faculty include Economics, Geography, Management, Marketing and Psychology. If the two majors have common subjects, students can count one subject twice towards the majors but cannot count the credit points twice towards those required for the degree.

Minor studies consist of a minimum of 28 credit points of which no more than 12 credit points at 100 level can be counted. Students may not cross count subjects from a nominated minor into any other minor or major. Minors do not appear on the testamur but do appear on the transcript (i.e. academic record).

Where a minor is taken from outside of this Faculty degree, refer to the requirements prescribed for that minor.

Major Study Areas from the Faculty

Students enrolled in the Bachelor of Arts within the Faculty must take one of these majors:

- Cultural Studies
- Chinese (Mandarin) for Non-Chinese Background Students
- Chinese (Mandarin) for Character Background Students
- Employment Relations
- English Language and Linguistics
- English Literatures
- French
- History
- Indigenous Studies
- Italian
- Japanese
- Philosophy
- Politics
- Science and Technology Studies
- Sociology
- Spanish

Minor Studies

Students enrolled in the Bachelor of Arts 702 may choose from the following minors.

- Asia Pacific Studies
- Australian Studies
- Cultural Studies
- Chinese (Mandarin) for Non-Chinese Background Students
- Chinese (Mandarin) for Character Background Students
- Employment Relations
- English Language and Linguistics
- English Literatures
- European Studies
- French
- History
- Indigenous Studies
- Indonesian
- Italian
- Japanese
- Philosophy
- Politics
- Science and Technology Studies
- Sociology
- Spanish

Internship and International Subjects

The Faculty internship program provides students with an opportunity to apply the knowledge and skills acquired in their degree in a workplace setting. The internship subject ARTS301 is offered in autumn and spring sessions, all Arts students can enrol into ARTS301 providing they meet the pre-requisites. Another popular internship facilitated by the Faculty is the Politics Internships. The Politics internship subject POL 301 presents interested students with the opportunity to be an intern at Washington, New York or Canberra. Read more about the Faculty Internship Program on our website www.uow.edu.au/arts/current/internships/index.html

One of the Faculty's aims is to encourage students to study in an overseas university. Students can study abroad for a full session taking three to four subjects, or can study abroad for a shorter period of time by taking a study tour. The Faculty's study tour subjects currently focus on War History and incorporate visits to Gallipoli and the Western Front. Both subjects are listed below:

HIST265	Gallipoli Study Tour	N/O 2013
HIST270	Western Front Study Tour	Winter

Honours

See separate entry for the Bachelor of Arts Honours

The Faculty of Arts Honours Handbook can be accessed as a PDF document from the Faculty's home page at: http://www.uow.edu.au/arts/

Transfer option into the BA Dean's Scholar degree or Double Degree

In January of each year, the Faculty invites applications from high achieving students to apply to transfer into the Bachelor of Arts Dean's Scholar degree or Double Degree.

Selection Criteria

To be eligible to apply for a place in the Bachelor of Arts Dean's Scholar degree or Double Degree, applicants would normally meet the following criteria:

- Currently enrolled in the BA 702 or any other degree;
- Full-time student;
- Have successfully completed two full sessions of study or 8 subjects;
- Have a WAM (weighted average mark) of at least 80.

For more information including the full list of Dean's Scholar degrees and to how to apply online visit: http://www.uow.edu.au/arts/current/transferdeanscholar/index.html.

Credit Arrangements

Please see General Course Rules for more information.

Assessment

Assessment in this course varies between subjects and typically includes a combination of essays, tutorial/seminar presentations, WebCT exercises and, in some subjects, in-class tests and/or exams. Some subjects may have an additional practical component. The assessment requirements of each subject are set out in the individual subject outlines, which students receive in the first week of session.

Other Information

Further information is available at http://coursefinder.uow.edu.au/ or email: Arts - fac-arts@uow.edu.au

Cultural Studies

Cultural Studies is an innovative interdisciplinary field of inquiry that explores the production and learning of maps of meaning, or cultures, with a particular concern for the operations of power in everyday practice. Themes and topics include; everyday life, global media and cultures, race, sexuality, identities, and the body and emotion. Students learn how to apply a broad and coherent body of knowledge in cultural studies to a range of contexts including a professional environment and as a pathway to further learning. Students gain experience in designing, managing and presenting research projects, working individually and in teams and work in a range of formats including reflective journals and creative writing, briefing papers, blogs and formal reports.

Major Study

The Cultural Studies major requires a minimum of 54 credit points including one core subject at 100 level, both core subjects at 200 level and the core (capstone) subject at 300 level. The remaining subjects can be taken from the list of electives subjects listed in the study program below.

Minor Study

A minor in Cultural Studies will consist of at least 28 credit points from the schedule of the major. It will include either CST 120 or CST 130, as well as CST 234 or CST240 and CST 350. Students may not cross-count any subjects from the minor in any other minor or major study.

Honours

See Bachelor of Arts Honours

Study Program

Subject Code	Subject Name	Credit Points	Session
CORE			
At least one of the following 100 level core subjects			
CST 120	The Culture of Everyday Life	6	Autumn
CST 130	Ordinary Lives in a Diverse World	6	Spring
Plus both of the following 200 level core subjects			
CST 234	Cultural Investigations	8	Autumn
CST 240	Contesting Cultures	8	Spring
And the following Capstone 300 level subject			
CST 350	Culture and the Creative Economy	8	N/O 2013
Electives			
200-level subjects			
BCM 288	Transnational Media and Culture Industries	8	Spring
CST 222	Global Television Revolution	8	Autumn
CST 288	Happiness: investigating its causes and conditions	8	Autumn
SOC 206	Youth Cultures	8	Spring
Electives			
300-level subjects			
CST 301	Culture and Emotion	8	Spring
CST 320	Diasporic Cultures	8	N/O 2013
CST 333	Hollywood and Beyond: Genres across Cultures	8	Spring
CST 340	Genre Fictions	8	Spring
CST 360	Sex, Gender and Sexuality	8	Spring
CST 370	Critical Race Studies	8	N/O 2013
DIGC335	Cybercultures	8	Autumn
SOC327	Body and Society	8	Spring

Themes and Topics that can be studied as part of the Cultural Studies Major are Emotions and Embodiment, Culture and Identities and Global Cultures. Should you wish to learn about any of these particular areas, the Faculty recommends the following list. **These combinations of subjects listed below are not defined as Major or Minor Studies and will not appear on the Testamur or Transcript upon Graduation.**

Emotions and embodiment

The study of the body and emotions in culture has developed over the past decade into an innovative domain of research and study that represents the cutting edge of cultural studies work. We are learning that emotions are not simply biologically generated phenomena, but rather are defined and enacted by and within the discourses of culture.

Subject Code	Subject Name	Credit Points	Session
CST 228	Happiness: investigating its causes and conditions	8	Autumn
CST 301	Culture and Emotion	8	Spring
SOC 327	Body and Society	8	Spring

Culture and Identities

The question of how we understand ourselves and the ways in which that understanding is forged in a cultural context is at the heart of contemporary cultural studies. More has been written about identities in Cultural Studies than any other subject.

Subject Code	Subject Name	Credit Points	Session
CST 360	Sex, Gender and Sexuality	8	Spring
CST 370	Critical Race Studies	8	N/O 2013
SOC 327	Body and Society	8	Spring

Global Cultures

The processes of globalisation have made the boundaries of culture porous and to some degree enabled the interpenetration of cultural texts and practices to the extent that writers talk about cultural routes in global space rather than cultural roots in locations and place. Global media networks have been central to this process, although the transnational movements of people and the diffusion of vernacular cultural practices also play their part.

Subject Code	Subject Name	Credit Points	Session
BCM 288	Transnational Media and Culture Industries	8	Spring
CST 222	Global Television Revolution	8	Autumn
CST 320	Diasporic Cultures	8	N/O 2013
CST 333	Hollywood and Beyond: Genres across Cultures	8	Spring
CST 340	Genre Fictions	8	Spring
DIGC335	Cybercultures	8	Autumn

Other Information

Further information is available at http://coursefinder.uow.edu.au/ or email: fac-arts@uow.edu.au

Chinese (Mandarin) for Character Background Students

Mandarin is spoken by more than 1.5 billion people in the world and is one of the six official languages of the UN. China has a 5000 year history and culture, boasts the fastest-growing economy in the world and is widely regarded as the potentially biggest global market in the twenty-first century.

This major in Chinese (Mandarin) is for students who have education background in Chinese language . It provides a course of study which allows students to specialise in Chinese language and culture so that they are able to:

- express themselves clearly and accurately in spoken and written Mandarin for formal and informal exchanges including communication in academic contexts;
- discuss and evaluate different registers and their use in different contexts;
- gather, synthesise and evaluate information on socio-political topics of current interest from Chinese texts in different media including the internet , the press and academic journals.
- recognise the differences between Chinese culture and other cultural heritages such as Anglo-Australian by analysing film, poetry and other cultural products, and mediate between these cultures;
- Write evaluative essays on selected literary works including e-media works.
- Understand Chinese language as a system and compare English and Chinese at lexical, grammatical and discursive levels through translation and interpretation practice.
- analyse and critique selected classical Chinese texts (annotated) and link Chinese cultural heritages to contemporary Chinese society.

Students without background in characters should enrol in the major Chinese (Mandarin for non-background students) and should consult the Convenor of Chinese if they are uncertain of their status.

Major Study

A major in Chinese (Mandarin) for students with a background in Chinese characters consists of 66 credit points, and must include:

- 18 credit points at 100-level (MAND 161, MAND 162 and ELL 110),
- 24 credit points at 200-level (MAND261, MAND262 and ELL 210 or HIST252),
- 24 credit points at 300-level (MAND 361, MAND 362 and either HIST352 or a 300 level subject with appropriate content as approved by the Convenor of Chinese and the Director of the Language Centre).

Minor Study

A minor study in Mandarin consists of four sequential subjects in Mandarin. The minor will consist of 28 or 32 credit points of language study (28 credit points for students beginning at 100-level and 32 credit points for students beginning at upper levels). Students may not cross-count any subjects from the minor in any other minor or major study.

Example: A student beginner could take a minor by studying MAND161, MAND162, MAND261 and MAND262.

An advanced student who has a background in characters and who speaks some Mandarin or another dialect when commencing university Mandarin at second year level could take a minor by studying MAND261, MAND262, MAND361 and MAND362.

Whilst the minor will not be stipulated on the student's testamur at graduation, it will be recorded on the academic transcript.

Diploma in Languages (Mandarin)

To qualify for award of the Diploma in Languages (course code 1002) a student must complete a total of at least 48 credit points from subjects listed from the Mandarin study program below.

Students will complete a minimum of 6 subjects. These subjects will predominantly be language acquisition subjects and may include study abroad as part of an exchange or study abroad program. Other subjects may be included with the permission of the Convenor of the Mandarin program and the Director of the Language Centre.

Students entering at 100 level may include one culture subject; students entering at 200 level may include 2 culture subjects and students entering at 300 level may include up to 4 culture subjects.

Example: A student beginner could take the Diploma by studying MAND161, MAND162, MAND261, MAND262, MAND361, MAND362, and ELL 110 or ELL 210.

A student who has knowledge of characters and speaks Mandarin or another Chinese dialect when commencing university Mandarin at upper level could complete the Diploma in Languages in Mandarin by studying MAND261, MAND262, MAND361, MAND362 and MAND253 or ELL 110 or ELL 210 or HIST252 or HIST352 or another 300 level subject with appropriate content as approved by the Convenor of Chinese (Mandarin) Studies.

Other subjects from the Mandarin program may be included with the permission of the Director of the Language Centre.

Subjects can be counted only in one course, that is, subjects counted towards the Diploma cannot be counted towards another degree. Students who complete the Diploma will not receive a testamur or attend a graduation ceremony specifically for the Diploma. However, when students do the Diploma concurrently with a Bachelors Degree course, they will have the Diploma listed in their Bachelors degree subject transcript upon graduating.

Click here for more information on the Diploma in Languages

Honours

See Bachelor of Arts (Honours)

Study Program

Subject Code	Subject Name	Credit Points	Session
MAND161	Chinese (Mandarin) for Character Background Students (CBS) 1A	6	Autumn
MAND162	Chinese (Mandarin) for Character Background Students (CBS) 1B	6	Spring
ELL 110	Language in social life	6	Spring
MAND261	Intermediate Chinese for Character Background Speakers (CBS) 2A	8	Autumn
MAND262	Intermediate Chinese for Character Background Speakers (CBS) 2B	8	Spring
ELL 210	Communication across cultures	8	Autumn
HIST252	A history of modern China	8	Autumn
MAND253	In-country session	8	Spring
MAND361	Advanced Chinese for Character Background Speakers (CBS) 3A	8	Autumn
HIST352	The overseas Chinese: migration and organisation	8	Spring

Chinese (Mandarin) for Non-Chinese Background Students

Mandarin is spoken by more than 1.5 billion people in the world and is one of the six official languages of the UN. China has a 5000 year history and culture, boasts the fastest-growing economy in the world and is widely regarded as the potentially biggest global market in the twenty-first century.

A major in Chinese (Mandarin) provides a course of study which allows students who have no prior knowledge of Mandarin or of Chinese characters to specialise in Mandarin so that they are able to:

- comprehend normal spoken and written Mandarin in a wide range of situations;
- express themselves clearly and accurately in spoken and written Mandarin in a wide range of situations;
- develop their knowledge of the foreign language to move from dependence on formal instruction to ongoing independent acquisition of linguistic proficiency;
- gather and synthesise information on topics of current interest from different Chinese language texts and different media;
- recognise and respond personally to differences between Chinese culture and their own cultural heritage by analysing film, poetry and other cultural products;
- take advantage of the opportunity to include a period of study abroad at an exchange university in China as part of their Wollongong undergraduate study.

Students may commence their studies as beginners or advanced learners. Students who enter the major at post-HSC may be exempted from some language subjects and should consult the convenor of Chinese. Native or near-native speakers and speakers of another Chinese dialect who are familiar with Chinese characters will enrol in the major Chinese (Mandarin) for Character Background students.

Major Study

A major in Chinese (Mandarin) for beginners or near beginners consists of 66 credit points, and must include

- 18 credit points at 100-level (MAND151, MAND152, ELL 110);
- 24 credit points at 200-level (MAND251, MAND252 and ELL 210 or HIST252 or MAND253); and
- 24 credit points at 300-level, (MAND351, MAND352 and HIST352 or a 300 level subjects with relevant content as approved by the Convenor of Chinese (Mandarin) studies and the Director of the Language Centre).

Students who have achieved a strong 2 Unit HSC pass or equivalent may choose to enter the language sequence at the level of MAND251 and complete a 54 credit points major comprising 6 credit points at 100-level (ELL 110), 24 credit points at 200-level including ELL 210 or HIST252 and 24 credit points at 300-level, as set out below. All students wishing to enter the Chinese (Mandarin) major at the level of MAND152 or MAND251 must obtain approval from the Chinese (Mandarin) Convenor.

Students may also include a period of in-country study by enrolling in MAND253.

Minor Study

A minor study in Mandarin consists of four sequential subjects in Mandarin. The minor will consist of 28 or 32 credit points of language study (28 credit points for students beginning at 100-level). Students may not cross-count any subjects from the minor in any other minor or major study.

Example: A student beginner could take a minor by studying MAND151, MAND152, MAND251 and MAND252.

A student who had studied Mandarin to HSC level and was commencing university Mandarin at second year level could take a minor by studying MAND251, MAND252, MAND351 and MAND352.

Whilst the minor will not be stipulated on the student's testamur at graduation, it will be recorded on the academic transcript.

Diploma in Languages (Mandarin)

To qualify for award of the Diploma in Languages (course code 1002) a student must complete a total of at least 48 credit points from subjects listed from the Mandarin study program below.

Students will complete a minimum of 6 subjects. These subjects will predominantly be language acquisition subjects and may include study abroad as part of an exchange or study abroad program. Other subjects may be included with the permission of the Convenor of the Mandarin program and the Director of the Language Centre.

Students entering at 100 level may include one culture subject; students entering at 200 level may include 2 culture subjects and students entering at 300 level may include up to 4 culture subjects.

Example: A student beginner could take the Diploma by studying MAND151, MAND152, MAND251, MAND252, MAND351, MAND352, and ELL 110 or ELL 210 or HIST252.

A student who had studied Mandarin to HSC level and was commencing university Mandarin at upper level could complete the Diploma of Languages in Mandarin by studying MAND251, MAND252, MAND351, MAND352, ELL 110 and ELL 210 or a further 300 level subject.

Other subjects from the Mandarin program may be included with the permission of the Director of the Language Centre.

Students may also include a period of in-country study by enrolling in MAND 253.

Subjects can be counted only in one course, that is, subjects counted towards the Diploma cannot be counted towards another degree. Students who complete the Diploma will not receive a testamur or attend a graduation ceremony specifically for the Diploma. However, when students do the Diploma concurrently with a Bachelors Degree course, they will have the Diploma listed in their Bachelors degree subject transcript upon graduating.

Click here for more information on the Diploma in Languages

Honours

See Bachelor of Arts (Honours)

Study Program

Subject Code	Subject Name	Credit Points	Session
MAND151	Chinese (Mandarin) for Beginners 1A	6	Autumn
MAND152	Chinese (Mandarin) for Beginners 1B	6	Spring
ELL 110	Language in social life	6	Spring
MAND251	Intermediate Chinese for Non-Chinese background Students (NCB) 2A	8	Autumn
MAND252	Intermediate Chinese for Non-Chinese background Students (NCB) 2B	8	Spring
MAND253	Mandarin: In-country session	8	Spring
ELL 210	Communication across cultures	8	Autumn
HIST252	A history of modern China	8	Autumn
MAND351	Advanced Chinese for Non-Chinese background Students (NCB) 3A	8	Autumn
MAND352	Advanced Chinese for Non-Chinese background Students (NCB) 3B	8	Spring
HIST352	The overseas Chinese: migration and organisation	8	Spring
LANG371	Advanced Studies in Language/Culture A	8	Autumn/Spring
LANG372	Advanced Studies in Language/Culture B	8	Autumn/Spring
LANG391	Language Study Abroad 1	8	Autumn/Spring
LANG392	Language Study Abroad 2	8	Autumn/Spring
LANG393	Language Study Abroad 3	8	Autumn/Spring

Employment Relations

Employment Relations covers power relations, policies, practices and processes involved in the control and administration of work and employment from the viewpoints of all those involved - at macro and micro levels. This includes everything from the effects of globalisation, government policies geography and gender, right down to individual workplace rules and relationships.

A wide range of methods and methodologies are used to develop thorough understanding and analysis of Employment Relations.

Graduates in ERLS are found across the professions, business, government, trade unions, employer associations and in the NGOs and the community By understanding and analysing work and employment from all perspectives, those with Employment Relations majors or minors are effective and "street-wise" with good knowledge and skills, a capacity to analyse critically, act thoughtfully with a 360 degree understanding of matters pertaining to employment and work in Australia and across the world.

Major Study

The major will consist of a minimum of 52 credit points of which ERLS160 or POL160, LAW101, MGMT110 and ERLS340 must be completed.

Minor Study

A minor will also be offered in Employment Relations consisting of a minimum of 28 credit points including ERLS160, and three other subjects from the 2013 ERLS schedule at least two of which must have an ERLS prefix.

Honours

See Bachelor of Arts Honours

Study Program

Subject Code	Subject Name	Credit Points	Session
ERLS160/POL160	Power, Work & People	6	Autumn
LAW101	Law, Business and Society	6	Autumn
MGMT110	Introduction to Management	6	Autumn/Spring
ERLS340	Work and Employment – Global and Historical comparisons	8	Spring
Two 300 level subjects with ERLS prefix from			
ERLS343	Research Project: Work and People	8	Autumn
ERLS348	Business, Employers and Industrial Relations	8	Spring
ERLS352	Negotiation and Conflict Management for Professionals	8	N/O 2013
PLUS TWO of			
ERLS300	Special Topics in Employment Relations	8	Autumn/Spring
LAW330	Law of Employment	6	Autumn
LAW332	Labour Regulation	6	Spring
LAW335	Anti-Discrimination Law	6	Spring
ECON208	Gender, Work and the Family	6	Autumn
MGMT206	Managing Human Resources	6	Autumn/Spring
MGMT301	Managing Across Cultures	6	Autumn
MGMT341	International and Comparative Human Resource Management	6	Spring

English Language and Linguistics

Language is said by many people to be unique to our species. Certainly we are all involved in relationships, projects and institutions that could not exist without complex linguistic interaction. Over a lifetime, we each need to produce and respond to huge quantities of language, with enormous consequences for our lives and livelihoods. Most of the time we are not aware of all the linguistic choices we're making when we talk or write. Studying English Language and Linguistics will give you the tools for analysing language (your own or other people's).

English Language and Linguistics (ELL) is a social science that uncovers systematic patterns in language and language use. Our main focus is on the English language, but students are given examples in unfamiliar languages, and they explore how and why regional, social and functional varieties of language vary. This provides a very useful platform for going further with theoretical linguistics itself, but is also valuable for many other fields of study, such as learning other languages (e.g. Mandarin or Spanish), literary criticism, creative writing, psychology, sociology, media studies, law, philosophy, and language teaching. Many of the questions about culture, cognition, and social structure that are the focus of these fields can only be addressed by understanding how language works.

Questions we ask in ELL include:

- What do we unconsciously know about our own language?
- What happens in language use that we could not know about just from intuition?
- What does our use of language tell other people about us, and how does that affect our professional and social opportunities?
- Is it possible to avoid bias when we speak or write?
- What kinds of language difficulties are different learners likely to have and why?
- What is the relation between cultural change and language change?
- Why are some texts, and some styles of writing and speaking, valued more highly than others?

A major in ELL will enhance your ability to produce and analyse written and spoken English, and will also equip you to reason about language and make linguistic arguments about social issues. The course teaches fundamental skills that linguists use to analyse language, such as phonetic transcription, grammatical description and discourse analysis. It also teaches critical skills, like how to unravel a technical text, and will introduce you to fundamental tools such as online databases of spoken and written English (corpora).

An ELL major can lead to a professional qualification in TESOL (Teaching English to Speakers of Other Languages) if further study is undertaken in Education.

Staff in ELL are internationally recognised researchers in functional linguistics, corpus linguistics, medical discourse analysis, and second language writing. If you take a major or a minor in ELL you will have the opportunity to conduct small research projects in these or related areas.

Major Study

A major in English Language and Linguistics for students who have completed their secondary education in an English-speaking environment (ESB students) consists of a minimum of 52 credit points, and must include 12 credit points at 100-level, 16 credit points at 200-level and 24 credit points at 300-level.

For students who completed secondary school or equivalent in a language other than English (NESB students), a major in English Language and Linguistics consists of a minimum of 58 credit points and must include 18 credit points at 100-level, 16 credit points at 200-level and 24 credit points at 300-level. Students who are uncertain whether they should be in the NESB or the ESB stream must consult the ELL Convenor.

Minor Study

A minor in English Language and Linguistics consists of 28 credit points for ESB students and 34 credit points for NESB students. For students from an English-speaking environment (ESB students) a minor in English Language and Linguistics will consist of two cores, ELL182 and ELL110, plus any two subjects from the following list: ELL 210, ELL 220, ELL 271, ELL 281 and ELL 310. Students from other language backgrounds (NESB students) will take three core subjects (ELL 110, ELL 152 and ELL 151) plus any two subjects from the following list: ELL 210, ELL 220, ELL 271, ELL 281 and ELL 310. Students may not cross-count any subjects from the minor in any other minor or major study.

Honours

See Bachelor of Arts Honours

Study Program

Subject Code	Subject Name	Session	Credit Points
CORE 100-Level – NESB (Non-English-Speaking Background) students			
ELL 151	Effective spoken communication (NESB)	Spring	6
ELL 152	Effective written communication (NESB)	Autumn	6
ELL 110	Language in social Life	Spring	6
CORE 100-Level – ESB (English-Speaking Background) students			
ELL 182	Effective written communication (English-Speaking Background)	Autumn	6
ELL 110	Language in social life	Spring	6
CORE 200-Level - all students			
ELL 271	Grammar and discourse 1	Autumn	8
ELL 220	Corpus approaches to learning, teaching and analysing language	Spring	8

CORE 300-Level - all students			
ELL 315	Using language as evidence	Spring	8
ELL 371	Grammar and Meaning 1	Spring	8
Electives- all students			
ELL 210	Communication across cultures	Autumn	8
ELL 281	Sound and meaning in language: variety, society and identity	N/O 2013	8
ELL 310	World Englishes	Autumn	8

Planning a coherent program

Focus on Discourse Analysis

An ELL major will give students experience in analysing the broader social, political, and other implications of language use and will be valuable for many areas of work. Students wishing to focus on Discourse Analysis should select whichever ELL electives they prefer. They should build on the major with additional subjects that interest them from other Arts programs (or other faculties). Additional subjects do not count towards the major but they count towards the 144 credit points required for the BA. These could be subjects that provide texts and contexts that students can analyse with ELL tools, or they could be subjects that provide alternative ways of thinking about systems of meaning, including visual and gestural systems as well language.

Focus on TESOL (Teaching English to Speakers of Other Languages)

Students wishing to pursue a career in TESOL should take a major in ELL which will prepare them for a graduate diploma or Masters degree in TESOL, to be taken within Education. Within their ELL major students interested in TESOL are strongly encouraged to take, as an elective, the following subject from the ELL electives.

ELL 281 Sound and meaning: variety, society & identity

Students interested in TESOL are also advised to take one or more of the following subjects from the Education, which will not form part of the major itself but will count towards the 144 points required for the BA.

- EDET 302 Programming and Methodology in Second Language Teaching (Spring 6 cp)
- EDEK 401 Teaching, Reading and Writing to Second Language Learners (Spring 6 cp)
- EDET 401 Teaching Speaking and Listening to Second Language Learners (Autumn 6 cp)
- EDET 402 Teaching English in International Contexts (Autumn 6 cp)

Other teaching programs

Many ELL students also take a Major in ELL and then undertake a Graduate Diploma in Education to become primary or secondary teachers in NSW. These programs may also be combined with a major in another language such as Japanese or French. Please discuss these options with the Convenor of each language you wish to study.

Other Information

Further information is available at http://coursefinder.uow.edu.au/ or email: Arts - fac-arts@uow.edu.au

English Literatures

The English Literatures major introduces students to a broad range of literary texts—novels, poetry, essays, drama, short stories, film, life-writing, diaries and letters—drawn from medieval to contemporary popular culture. The major offers a rich international curriculum. Students read literatures written or performed in English from Australia, Africa, the Caribbean, New Zealand and the Pacific, Canada, India, the U.S., and the UK. They are encouraged to explore the aesthetic, formal, and ideological dimensions of literature. The English Literatures major enhances reading, writing and speaking skills, enabling students to analyse what they read, and articulate their response to reading with critical acumen and cultural sensitivity.

Within the major there are three structured study pathways, which students are encouraged to follow: these are Literature and History, Transnational Comparisons, and Literature and Identity. Alternatively, those students doing English as part of their Education degree, and others not wishing to follow the pathways, can study broadly across genres and literary periods. English may be combined with any other approved Arts major. It is often taken as the Arts major in the Arts/Law double-degree, and it is an ideal second major for Journalism and Professional Writing students in the Bachelor of Communication and Media Studies.

Major Study

A major study in English Literatures is made up of at least 54 credit points: 6 at 100-level, 24 at 200-level, and 24 at 300-level Of the 54 credit points, at least 46 credit points will be in subjects having the prefix 'ENGL'. Students may substitute for an ENGL subject of equivalent level LANG305.

Minor Study

A minor in English Literatures will consist of at least 28 credit points from the Course Structure of the English Literatures major. Not more than two subjects may be taken at 100-level. Students may not cross-count any subjects from the minor in any other minor or major study.

Honours

See Bachelor of Arts (Honours)

Study Program

Subject Code	Subject Name	Credit Points	Session
100 level			
ENGL120	An Introduction to Literature and Film	6	Autumn
ENGL131	Film and Fiction	6	Spring
200 level			
ENGL229	The Romantics	8	Spring
ENGL243	Children's and Young Adult Fantasy Literature	8	N/O 2013
ENGL259	An Introduction to Canadian Literature	8	N/O 2013
ENGL264	Modernism	8	Spring
ENGL265	English and Empire	8	Spring
ENGL266	Victorians	8	Autumn
ENGL267	U.S Literature	8	Autumn
ENGL268	Dreams and Visions in Literature and Film	8	Autumn
ENGL270	Making Books: From Gutenberg to Google	8	N/O 2013
ENGL280	Popular Fiction: Writing for children and young adults	8	N/O 2013
300 level			
ENGL312	Shakespeare and Early Modern Drama	8	Autumn
ENGL337	Sex, Power and Chivalry - Medieval to Modern Literature	8	N/O 2013
ENGL340	Special Topics in English Literature	8	Autumn/Spring
ENGL360	Desiring Bodies: Gender and Sexuality in Literature and Film	8	Spring
ENGL366	Black Writing from Africa, the U.S. and the Caribbean	8	Autumn
ENGL376	Representing India/the Pacific	8	Spring
ENGL377	Social Justice and Children's Literature	8	Autumn
ENGL380	Postmodern American Fictions and Theory: a Transatlantic Approach	8	Spring
Students may count the following subject towards the English Literatures major			
LANG305	Literature and Society in Renaissance Europe	8	Autumn

Other Information

Further information is available at http://coursefinder.uow.edu.au/ or email: fac-arts@uow.edu.au

French

Courses in French Studies are concerned with French language, culture and society, including Francophone cultures outside France.

In our language and culture subjects we use a range of authentic resources and teaching methods to equip students with a high level of proficiency in the written and spoken French language. Student learning outcomes are aligned with the Common European Framework of Reference for Languages.

A major in French allows students to study French language, literature, and culture either as beginners or advanced learners. Students who enter the major at post-HSC (or advanced) level, will be exempted from some language subjects.

The French major aims to provide a course of study which will enable students to:

- comprehend normal spoken and written French in context;
- speak and write clearly and accurately in French in everyday situations;
- use their increasing knowledge of French to move from dependence on formal instruction to ongoing independent acquisition of language proficiency;
- gather and synthesise information on topics of current interest from different French-language sources and media;
- recognise and respond appropriately to culture-specific information and cultural suppositions in French source material, and to differences between French culture and their own cultural heritage;
- make effective use of linguistic resources such as bilingual dictionaries, web searches, and descriptive grammars;
- translate accurately non-specialist documents into French and English;
- apply their foreign language skills to a contemporary French/Francophone workplace environment;
- gain a broad overview of French and Francophone cultural and literary traditions;
- take the opportunity to include a semester of study abroad at an exchange university in France or in New Caledonia as part of their Wollongong undergraduate degree.

Major Study

A major in French for beginners or near beginners consists of 68 credit points, and must include 12 credit points at 100-level, 24 credit points at 200-level and 32 credit points at 300-level, as set out below. Students who have achieved a strong 2 Unit HSC pass or equivalent will normally enter the language sequence at the level of FREN251, and complete a 56 credit points major comprising 24 credit points at 200-level and 32 credit points at 300-level, as set out below.

All students entering the French major at the level of FREN251 must obtain formal approval from the Convenor of the French Program.

Subject to the pre-requisites listed in the subject database, language and literature/civilisation subjects may not be taken independently of one another, e.g. French IIB language may not be taken without taking French IIA or its equivalent without the permission of the Convenor of the French Program. However, students wishing to complete a major in French must complete the sequence set out below.

Native or near-native speakers, whose major also consists of 56 credit points, may be granted waivers for FREN251 and FREN252. Such waivers will be granted only at the time of first enrolment in French, in accordance with the Program's policy and with the formal approval of the Convenor of the French Program and the Language Centre Director. Replacement subjects to make up the 56 credit points for the major are to be chosen from the additional subjects listed below. Credit may be granted for language courses taken at University level in accordance with established University of Wollongong guidelines.

Students may include ELL110 or ELL210 as part of their Language Major with the permission of the Convenor of the French Program and the Language Centre Director.

Minor Study

A minor in French consists of four sequential language subjects in French. Students beginning at 100-level will take 28 credit points and students beginning at upper levels will take 32 credit points. Students may not cross-count any subjects from the minor in any other minor or major study.

Example: A student beginner could take a minor by studying FREN151, FREN152, FREN251 and FREN252.

A student who had studied French to HSC level and was commencing university French at second year level could take a minor by studying FREN251, FREN252, FREN351 and FREN352.

Whilst the minor will not be stipulated on the student's testamur at graduation, it will be recorded on the academic transcript.

Diploma in Languages (French)

To qualify for award of the Diploma in Languages (course code 1002) a student must complete a total of at least 48 credit points from subjects listed from the French study program below.

Students will complete a minimum of 6 subjects. These subjects will predominantly be language acquisition subjects and may include study abroad in French as part of an exchange program or study abroad program with a partner University. Other subjects may be included with the permission of the Convenor of the French program and the Director of the Language Centre.

Students entering at 100 level may include one culture subject; students entering at 200 level may include 2 culture subjects and students entering at 300 level may include up to 4 culture subjects.

Example: A student beginner could take the Diploma by studying FREN151, FREN152, FREN251, FREN252, FREN351, FREN352 and LANG305.

A student who had studied French to HSC or equivalent level and was commencing university French at 200 level could complete the Diploma in Languages in French by studying FREN251, FREN252, FREN220, FREN351, FREN352 and FREN215 OR LANG305.

Subjects can be counted only in one course, that is, subjects counted towards the Diploma cannot be counted towards another degree. Students who complete the Diploma will not receive a testamur or attend a graduation ceremony specifically for the Diploma. However, when students do the Diploma concurrently with a Bachelors Degree course, they will have the Diploma listed in their Bachelors degree subject transcript upon graduating.

Honours

See Bachelor of Arts (Honours)

Study Program

Subject Code	Subject Name	Credit Points	Session
CORE 100 Level subjects			
FREN151	French IA Language	6	Autumn
FREN152	French IB Language	6	Spring
CORE 200 Level subjects			
FREN220	The making of France and the French Nation	8	Autumn
FREN251	French IIA Language	8	Autumn
FREN252	French IIB Language	8	Spring
CORE 300 Level subjects			
FREN351	French IIIA Language	8	Autumn
FREN352	French IIIB Language	8	Spring
FREN320	France in the 21st Century	8	N/O 2013
LANG305	Literature and Society in Renaissance Europe	8	Autumn
Study Abroad/Exchange subjects			
FREN215	In-Country Language Study	8	Autumn/ Spring
LANG391	Language Study Abroad 1	8	Autumn/Spring
LANG392	Language Study Abroad 2	8	Autumn/Spring
LANG393	Language Study Abroad 3	8	Autumn/Spring
Elective subjects			
ELL 110	Language in social life	6	Spring
ELL 210	Communication across cultures	8	Autumn
LANG371	Advanced Studies in Language/Culture A	8	Autumn/Spring
LANG372	Advanced Studies in Language/Culture B	8	Autumn/Spring

Other Information

Further information is available at http://coursefinder.uow.edu.au/ or email: Arts - fac-arts@uow.edu.au

History

History aims to understand and interpret the past. It is the subject that brings the past into the present. History is a dynamic discipline, since each generation returns to the past with different questions, based on their own experiences and concerns. Historical analysis brings together both facts and moral judgements to analyse the background to contemporary conditions. Perhaps more importantly, History can also help us to imagine the kinds of futures we want to live.

As an interpretive discipline, History helps to sharpen the skills needed in a broad range of occupations. It teaches us to research information, to critically evaluate debates, and to communicate our arguments and beliefs clearly and effectively. It enriches our experience of the world by offering ways to understand the broad scope of human experiences - from our everyday lives to larger global processes.

Wollongong's History Program focuses upon themes that link Australian and international history. These themes include culture, environment, gender, globalisation, historiography, labour, war and regional development. These themes may be traced in a variety of settings: in broad histories of specific Australian, Asian and European societies; in more specific historical examinations of empires, the political and social impacts of wars, and the development of the State; or in more specialised themes.

Studying History at Wollongong is also about learning what it is to be a historian, with each subject contributing to developing a sophisticated and critical appreciation of contemporary approaches to historical theories, methods, interpretation, argument, and uses of evidence.

Career Opportunities

History graduates follow many employment paths. They work in Federal and State government departments, in private enterprise, as researchers, in the media, in travel, marketing and tourism, as teachers at primary and secondary schools, institutes of technology and universities, as well as finance and service industries.

The History course builds a solid foundation for future study through developing the students' capacity to inquire, analyse and communicate information, ideas, and concepts. This is extremely helpful to the graduate in terms of taking postgraduate courses.

Major Study

The history major is the central core of study in a History student's undergraduate Bachelor of Arts degree. It will consist of 52 credit points with 24 credit points being at 300-level. The purpose of a major is to provide a specific and coherent course of study which will allow students to develop specific skills. Each subject in the major is intended to provide an understanding of a topic, area or theme, which can be developed in subsequent years of study.

100-level subjects require no special knowledge and are best described as survey courses. They will however, provide students with a general introduction to a particular time, place or theme. Students will learn and be introduced to many valuable basic skills to help them build a strong foundation for their major. In these subjects students will learn how to:

- identify the causes and effects of historical change;
- summarise the main points of a historical work;
- identify the thesis or central argument of a historical work;
- describe the historical context of a work;
- identify different types of historical evidence;
- see how historians produce different accounts of the same of the event; and
- to begin the use of primary source material to produce and defend arguments.

200-level subjects will refine and extend both skills and historical knowledge. They offer study in greater depth than the survey courses, and will take a closer look at events and places. 300-level subjects take a detailed approach to major historical problems, and unlike earlier studies, students will use a wide range of primary sources to investigate topics. These may include film, radio, television, archival manuscript, oral interviews, literature, newspapers, parliamentary records, photographs, diaries and/or company documents.

Students taking a major in history can count up to 16 credit points from the following: INDS150, INDS200, FREN220, STS 112 as well as the Politics subjects listed in the table below.

Note: students enrolled in a double major may only cross-count one subject.

Minor Study

A minor in History will consist of at least 28 credit points in subjects from the schedule of the history major. Students may not take more than two subjects at 100-level and may not cross-count any subjects from the minor in any other minor or major study.

Honours

See Bachelor of Arts Honours

Study Program

Subject Code	Subject Name	Credit Points	Session
100 Level			
INDS150	Introduction to Indigenous Australia	6	Autumn
AUST101	Australian Studies, Cultures and Identities	6	Autumn
AUST102	Locating Australia	6	Spring
HIST110	The Premodern World	6	Autumn
HIST111	The Modern World	6	Spring
POL141	Change and Debate in Contemporary Australian Politics	6	N/O 2013
STS112	The Scientific Revolution	6	Spring
200 Level			
INDS200	Identity, History and Resilience	8	Spring
FREN220	France in the Twenty-first Century	8	Spring
HIST201	An Ocean of History: An Introduction to the Pacific World	8	N/O 2013
HIST202	Slavery in the Asia Pacific	8	N/O 2013
HIST203	Australians and the Great War	8	Autumn
HIST216	Ancient History: Greece	8	N/O 2013
HIST217	Ancient History: Rome	8	Spring
HIST220	Living Australia 1800 - 2000: The Autobiography of Working Class Australia	8	Autumn
HIST232	Russia in War and Revolution	8	N/O 2013
HIST239	Water in Australia: An Environmental History	8	Spring
HIST252	A History of Modern China	8	Autumn
HIST253	Japan in the Twentieth Century: a socio-cultural history of change	8	Spring
HIST255	Australia and Asia: Connections and Comparisons	8	N/O 2013
HIST265	Gallipoli Study Tour	8	N/O 2013
HIST270	Western Front Study Tour	8	Winter
HIST291	Film and History	8	Spring
300 Level			
HIST310	Europe in World History	8	Autumn
HIST322	Twentieth Century Dictatorships	8	Spring
HIST325	Theory and Method of History	8	Spring
HIST334	Regional and Environmental History	8	Autumn
HIST342	Sickness and Death: Social History and Public Health in Australia	8	Spring
HIST343	Special Topics in History	8	Autumn/Spring
HIST350	Debates in Australian Cultural History	8	Autumn
HIST352	The Overseas Chinese: Migration and Organisation	8	Spring
HIST353	Japanese History Through Film	8	N/O 2013
HIST370	War and Society	8	Autumn
HIST394	Commodification History	8	N/O 2013
POL368	Protest and Power in America: The Sixties	8	Autumn

Other Information

Further information is available at http://coursefinder.uow.edu.au/ or email: fac-arts@uow.edu.au

Indigenous Studies

Indigenous Studies is an interdisciplinary major in the Arts which is anchored in the critical study of Australian Indigenous experiences: the cultures, histories, politics and societies. This is enriched through comparative analyses of other Indigenous experiences and engagement with Indigenous voices and organisations on the international scene. Indigenous Studies provides Indigenous and non-Indigenous students with a coherent program in the study of Indigenous societies and cultures.

Major Study

The major consists of three core and other elective subjects offered by the Faculty Indigenous Studies Unit together with a choice of subjects offered by other participating Faculties. Students are advised to consult with the Indigenous Studies Unit about available subjects prior to enrolment.

A major in Indigenous Studies requires the completion of a minimum of 52 credit points, consisting of at least 12 credit points at 100-level, 16 credit points at 200-level and 24 credit points at 300-level. The major must include INDS130 or INDS150, INDS200 and INDS300.

Double Major

A majority of the Indigenous Studies subjects are drawn from the offerings of a number of faculties and it is possible for students to complete a second major. Students are encouraged to look closely at this option, particularly if they are contemplating postgraduate study.

Minor Study

A minor in Indigenous Studies will consist of the three core subjects (INDS130 or INDS150, INDS200 and INDS300) and one other subject from the subjects prescribed for the major (see Study Program below). Students may not cross-count any subjects from the minor in any other minor or major study.

Honours

See Bachelor of Arts Honours

Study Program

Subject Code	Subject Name	Credit Points	Session
Core Subjects			
INDS150	Introduction to Indigenous Australia	6	Autumn
OR			
INDS130	Introduction to Comparative Indigenous Studies	6	Spring
AND			
INDS200	Identity, History and Resilience	8	Spring
INDS300	Indigenous Peoples and Decolonisation: Global Perspectives	8	Autumn
100 level			
AUST102	Locating Australia	6	Spring
EESC104	The Human Environment: Sustainability, Cities and Cultures	6	Spring
PHIL151	Practical Reasoning	6	Spring
POL141	Change and Debate in Contemporary Australian Politics	6	N/O 2013
SHS130	Public Health - Current Issues and their determinants	6	Autumn
SOC103	Introduction to Sociology	6	Autumn
VISA123	Australian Aboriginal Arts	6	Autumn
200 level			
INDS201	Redefining Eden: Indigenous Peoples and the Environment	8	Autumn
INDS202	Indigenous Self-Representation in Contemporary Texts	8	Spring
ARTS201	Regional Australia Society and Environment: A Field Study	8	Autumn/Spring
ARTS202	International Studies	8	Autumn/Spring
HIST239	Water in Australia: An Environmental History	8	Spring
NMIH243	Comparative Indigenous Health Issues	6	N/O 2013
PHIL206	Practical Ethics	8	Autumn
PHIL232	Political Philosophy	8	Spring
SHS230	Contemporary Public Health Issues	6	Autumn
SOC231	Social Research Methods	8	Spring
300 level			
INDS301	Indigenous Youth and Cultural Production	8	Spring
INDS350	Special Topic in Indigenous Studies	8	Autumn/Spring
EESC307	Spaces, Places and Identities: Qualitative research design	8	Autumn
EESC308	Environmental and Heritage Management	8	Spring
HIST350	Debates in Australian Cultural History	8	Autumn
LAW344	Indigenous Peoples and Legal Systems	6	Autumn
NMIH341	Research in Indigenous Health	6	N/O 2013
NMIH343	Indigenous Community Development: Mental Health Issues	6	N/O 2013
PHIL390	Global Ethics	8	Autumn
SHS331	Social Determinants of Indigenous Health	6	Spring
SOC305	Race and Ethnicity	8	N/O 2013

Other Information

Further information is available at http://coursefinder.uow.edu.au/ or email: fac-arts@uow.edu.au

Italian

A major in Italian provides a course of study which allows any student, regardless of their background in the discipline, to specialise in Italian so that they are able to:

- comprehend normal spoken and written Italian in any situation;
- express themselves clearly and accurately in spoken and written Italian in a wide range of situations;
- develop their knowledge of the foreign language to move from dependence on formal instruction to ongoing independent acquisition of linguistic proficiency;
- gather and synthesise information on topics of current interest from different Italian language texts and in different media;
- recognise and respond personally to differences between Italian culture and their own cultural heritage by analysing film, poetry and other cultural products;
- take advantage of the opportunity to include a period of study abroad at an exchange university in Italy as part of their Wollongong undergraduate degree.

Students may commence their studies as beginners or advanced learners. Students who enter the major at post-HSC or advanced levels will be exempted from some language subjects.

Major Study

A major in Italian for beginners or near beginners consists of 68 credit points, and must include 12 credit points at 100-level, 24 credit points at 200-level and 32 credit points at 300-level, as set out below. Students who have achieved a strong 2 Unit HSC pass or equivalent may choose to enter the language sequence at the level of ITAL251 and complete a 56 credit points major comprising 24 credit points at 200-level and 32 credit points at 300-level, as set out below.

All students entering the Italian major at the level of ITAL152 or ITAL251 must obtain approval from the Convenor of the Italian Program.

Subject to the pre-requisites listed in the subject database, language and literature/civilisation subjects may not be taken independently of one another, e.g. Italian IIB language may not be taken without taking Italian IIA or its equivalent without the permission of the Convenor of the Italian Program. However, students wishing to complete a major in Italian must complete the sequence set out below.

Native or near-native speakers, whose major also consists of 56 credit points, will be granted waivers for ITAL151 and ITAL152. Such waivers will be granted only at the time of first enrolment in Italian, in accordance with the Program's policy and with the formal approval of the Italian Convenor and the Language Centre Director. Replacement subjects, to make up the 56 credit points for the major are to be chosen from the additional subjects listed below. Credit may be granted for language courses taken at university level in accordance with established University of Wollongong guidelines.

Students may include ELL110 or ELL210 as part of their Language Major with the permission of the Convenor of the Italian Program and the Language Centre Director.

Minor Study

A minor study in Italian consists of four sequential language subjects in Italian. Students beginning at 100-level will take 28 credit points and students beginning at upper levels will take 32 credit points. Students may not cross-count any subjects from the minor in any other minor or major study.

Example: A student beginner could take a minor by studying ITAL151, ITAL152, ITAL251 and ITAL252.

A student who had studied Italian to HSC level and was commencing university Italian at second year level could take a minor by studying ITAL251, ITAL252, ITAL351 and ITAL352.

Whilst the minor will not be stipulated on the student's testamur at graduation, it will be recorded on the academic transcript.

Diploma in Languages (Italian)

To qualify for award of the Diploma in Languages (course code 1002) a student must complete a total of at least 48 credit points from subjects listed from the Italian study program below.

Students will complete a minimum of 6 subjects. These subjects will predominantly be language acquisition subjects and may include study abroad in French as part of an exchange program or study abroad program with a partner University. Other subjects may be included with the permission of the Convenor of the French program and the Director of the Language Centre.

Students entering at 100 level may include one culture subject; students entering at 200 level may include 2 culture subjects and students entering at 300 level may include up to 4 culture subjects.

Example: A student beginner could take the Diploma by studying ITAL151, ITAL152, ITAL251, ITAL252, ITAL351, ITAL352 and LANG305.

A student who had studied Italian to HSC level and was commencing university Italian at 200 level could complete the Diploma in Languages in Italian by studying ITAL251, ITAL252, ITAL220, ITAL351 ITAL352 and ITAL215 or LANG305.

Subjects can be counted only in one course, that is, subjects counted towards the Diploma cannot be counted towards another degree. Students who complete the Diploma will not receive a testamur or attend a graduation ceremony specifically for the Diploma. However, when students do the Diploma concurrently with a Bachelors Degree course, they will have the Diploma listed in their Bachelors degree subject transcript upon graduating.

Honours

See Bachelor of Arts (Honours)

Study Program

Subject Code	Subject Name	Credit Points	Session
CORE 100 Level subjects			
ITAL151	Italian IA Language	6	Autumn
ITAL152	Italian IB Language	6	Spring
CORE 200 Level subjects			
ITAL220	Italy: Past and Present	8	N/O 2013
ITAL251	Italian IIA Language	8	Autumn
ITAL252	Italian IIB Language	8	Spring
CORE 300 Level subjects			
ITAL310	Advanced studies in Italian	8	N/O 2013
ITAL351	Italian IIIA Language	8	Autumn
ITAL352	Italian IIIB Language	8	Spring
LANG305	Literature and Society in Renaissance Europe	8	Autumn
Study Abroad/Exchange subjects			
ITAL215	In-Country Language Study	8	Autumn/Spring
LANG391	Language Study Abroad 1	8	Autumn/Spring
LANG392	Language Study Abroad 2	8	Autumn/Spring
LANG393	Language Study Abroad 3	8	Autumn/Spring
Elective subjects			
ELL 110	Language in social life	6	Spring
ELL 210	Communication across cultures	8	Spring
LANG371	Advanced Studies in Language/Culture A	8	Autumn/Spring
LANG372	Advanced Studies in Language/Culture B	8	Autumn/Spring

Japanese

The study of Japanese focuses on developing the language skills necessary to understand Japanese ways of life, and how the past affects the present, linguistically and culturally. It also aims to facilitate intercultural understanding and competence for the increasingly globalised world and workplace.

Students may begin their Japanese language studies at the Beginner or Intermediate levels depending on their language proficiency. Students with no previous study of Japanese and those who took Japanese Beginners or Continuers at NSW HSC level (or equivalent in other states) commence their studies at the Beginner level (JAPA141) in autumn semester. Students who took Japanese Extension at the HSC level enter at the Intermediate level (JAPA261) in autumn semester. All students who wish to enter directly into Intermediate level must consult with the Convenor of Japanese. Some students will need to take a placement test.

Elective: Japanese language studies are also available as an elective for all non-native background students. Students with no prior Japanese language studies who wish to take Japanese as an elective may take JAPA141 in autumn session, or JAPA101 in summer session (if available). JAPA102 (if available) and JAPA103 (if available) are offered in spring semester for students who are interested in basic Japanese for either teaching or business purposes respectively. JAPA101, JAPA102, and JAPA103 are all terminating subjects, and are not considered as prerequisites for any subject in a Japanese major or minor nor can they be counted towards a minor or major in Japanese. In other words, students can only receive credit for one of these subjects (that is, JAPA101, JAPA102 or JAPA103) and students who complete any of these subjects will need to take JAPA141 in autumn semester.

In addition, students whose degree program only allows for a limited number of elective subjects can enrol in the Diploma in Languages (see below for further details) if they wish to take more subjects than their degree program allows.

JAPA216 (Language and Political Change) is a compulsory cultural subject for all students majoring in Japanese. JAPA216 is also available as an elective subject for students from other disciplines who wish to familiarise themselves with Japanese civilisation and society.

Study Abroad opportunities are available to students wishing to pursue language or Japan related studies in Japan. Scholarships, awarded on academic performance, are available.

Suitably qualified graduates with a major in Japanese wishing to pursue further language studies at a Japanese university may apply for the Graduate Diploma in Arts (Japanese).

Major Study

The major in Japanese consists of language subjects, a civilisation subject (JAPA216) and an elective subject. The Beginner stream assumes no prior knowledge of the language. For students commencing studies at the Beginners level, the major in Japanese consists of 66 or 68 credit points depending on the elective chosen, whilst for Intermediate level students the major consists of 68 or 70 credit points. As an elective, students may choose one of the following: ELL 110 (Language in Social Life); ELL 210 (Communication across cultures); JAPA271 (Kawasaki In-Country Study) or HIST253 (Japan in the Twentieth Century: a socio-cultural history of change). Students cannot cross-count any of these electives to a minor or major in another discipline.

Minor Study

The minor in Japanese consists of 28 or 32 credit points of language study, depending upon the level of entry. Students may take a minor consisting of any four sequential language subjects in Japanese (that is, JAPA141, JAPA142 and JAPA243, and JAPA261) for Beginner entry students or JAPA261, JAPA262, JAPA361 and JAPA362 or JAPA310 for Intermediate level entry. Students may not cross-count any subjects from the language minor in any other minor or major study. Whilst the minor will not be stipulated on the students' testamur at graduation, it will be recorded on the academic transcript.

Diploma in Languages (Japanese)

To qualify for award of the Diploma in Languages (course code 1002) in Japanese a student must complete a total of at least 48 credit points from subjects listed in the Japanese study program below.

Students will complete a minimum of 6 subjects. These subjects will predominantly be language acquisition subjects and may include study in Japan as part of an exchange program or a short term study abroad program.

Other subjects may be included with the permission of the Convenor of the Japanese program and the Director of the Language Centre.

Students entering at the Beginners level may include one culture subject; students entering at Intermediate level may include 2 culture subjects and students entering at the Advanced level may include up to 4 culture subjects.

As an example: a beginner entry level student could complete the Diploma by studying JAPA141, JAPA142, JAPA243, JAPA261, JAPA262, JAPA361 and JAPA362.

A student who studied Japanese at HSC Extension level and is commencing university Japanese at the intermediate level could complete the Diploma in Languages in Japanese by studying JAPA261, JAPA262, JAPA271, JAPA361, JAPA362 and JAPA310.

Subjects can be counted only in one course, that is, subjects counted towards the Diploma cannot be counted towards another degree. Students who complete the Diploma will not receive a testamur or attend a graduation ceremony specifically for the Diploma. However, when students do the Diploma concurrently with a Bachelor Degree course, they will have the Diploma listed in their Bachelor degree subject transcript upon graduating.

Honours

Honours in Japanese (JAPA470) is available to high-achieving students with a major in Japanese, and may be incorporated into or alongside a program of study in Japan.

See Bachelor of Arts (Honours)

Study Program

Subject Code	Subject Name	Credit Points	Session
Beginners entry			
JAPA141	Beginners' Japanese	6	Autumn
JAPA142	Transitional Japanese	6	Spring
JAPA243	Pre-Intermediate Japanese	8	Not offered 2013
Intermediate or equivalent entry			
JAPA261	Intermediate Japanese I	8	Autumn
JAPA262	Intermediate Japanese II	8	Spring
JAPA271	In-Country Japanese Session	8	Winter
200 level subjects - All students may enrol if they meet the pre requisites			
JAPA215	In-County Language Study	8	Autumn/Spring
JAPA216	Japan: Language and Political Change	8	Not offered 2013
300 level subjects - All students may enrol if they meet the pre requisites			
JAPA361	Advanced Japanese I	8	Autumn
JAPA362	Advanced Japanese II	8	Spring
JAPA363	Advanced Japanese III	8	Not offered 2013
JAPA364	Advanced Japanese IV	8	Not offered 2013
JAPA310	Advanced Readings in Japanese	8	Spring
LANG371	Advanced Studies in Language/Culture A	8	Autumn/Spring
LANG372	Advanced Studies in Language/Culture B	8	Autumn/Spring
LANG391	Language Study Abroad A	8	Autumn/Spring
LANG392	Language Study Abroad B	8	Autumn/Spring
LANG393	Language Study Abroad C	8	Autumn/Spring
Elective Only subjects			
JAPA101	An Introduction to Japanese	6	Not offered 2013
JAPA102	Japanese Studies for Educational Purposes	6	Not offered 2013
JAPA103	Japanese Studies for Business Purposes	6	Spring

Philosophy

The Philosophy major offers a range of subjects that give students the opportunity to engage with philosophical problems that occur in the real world: the ethical implications of global poverty and global aid; the impact of biotechnology on humans and the environment; the relationship between human consciousness and the brain; the structure of scientific explanations and knowledge; the significance of language use and reasoning. Our philosophy lecturers are active researchers who regularly publish on the subjects that they teach, making their courses exciting and contemporary.

By studying for the Philosophy major students will improve their critical thinking skills and deepen their knowledge and understanding of ethics, politics, mind and science. Our major provides students with the skills and knowledge to go on to further study at Honours level and beyond. It also produces highly skilled graduates who are attractive to employers.

Major Study

A major in Philosophy comprises a minimum of 52 credit points of PHIL subjects, of which at least 16 credit points are 200-level PHIL subjects and at least 24 credit points are 300-level PHIL subjects.

Minor Study

A minor in Philosophy will consist of at least 28 credit points in subjects from the schedule of the Philosophy major. Students may not take more than two subjects at 100-level, and may not cross-count any subjects from the minor in any other minor or major study.

Honours

See Bachelor of Arts Honours

Study Program

Subject Code	Subject Name	Credit Points	Session
100 level			
PHIL106	Media Ethics and Law	6	Spring
PHIL107	Values, Self & Knowledge	6	Autumn
PHIL151	Practical Reasoning	6	Spring
200 level			
PHIL206	Practical Ethics	8	Autumn
PHIL207	International Studies in Philosophy	8	Autumn/Spring
PHIL209	Logic	8	N/O 2013
PHIL210	Contemporary European Philosophy	8	N/O 2013
PHIL211	Greek Philosophy	8	N/O 2013
PHIL213	Philosophy of Feminism	8	N/O 2013
PHIL220	Philosophy of Science	8	Autumn
PHIL232	Political Philosophy	8	Spring
PHIL255	Philosophy of Language	8	N/O 2013
PHIL256	Ethics and the Environment A	6	Autumn
PHIL258	Ethics and the Environment B	8	Autumn
PHIL262	Theories of Knowledge	8	Spring
PHIL284	Theoretical Ethics	8	Autumn
PHIL286	Philosophy of Social Science	8	N/O 2013
PHIL288	Philosophy of Mind	8	Spring
POL213	Key Concepts and Thinkers in Political Theory	8	N/O 2013
300 level			
PHIL305	Special Philosophical Questions	8	Autumn/Spring
PHIL309	Wittgenstein's Philosophical Investigations	8	N/O 2013
PHIL310	Advanced Practical Ethics	8	N/O 2013
PHIL313	Advanced Theoretical Ethics	8	N/O 2013
PHIL314	The Embodied Mind	8	Spring
PHIL324	Philosophy of Computing	8	Autumn
PHIL380	Bioethics	8	Spring
PHIL390	Global Ethics	8	Autumn

Other Information

Further information is available at http://coursefinder.uow.edu.au/ or email: Arts - fac-arts@uow.edu.au

Politics

The discipline of Politics is an exciting, vibrant and constantly changing body of ideas, approaches and methods. The Politics program offers subjects in international relations, Australian politics, political theory, comparative politics, the politics of developing countries, public policy, culture and media. Students are advised to study as broadly as possible across the areas offered by the discipline.

The purpose of the major is to acquaint students with key areas of Politics as a discipline. Political study involves examining the origins and nature of consent, authority, and consensus, which underpin social order. Many factors are covered in this examination; political institutions, political economy, culture, class, gender and ethnicity. Politics can and does occur at many levels, from international relations to the nation state, from local communities to the individual. The study of politics is not just to do with politics in the here and now, but concerns itself with both the past and the future. Whether it is a country being studied, relations between countries, or a body of political ideas, politics engages us with choices about how to live life and how best to contribute to society.

Major Study

A major in Politics consists of 52 credit points, including at least 24 credit points at 300-level in Politics subjects. Graduates with a Politics major will normally have included at least one subject from each of the following areas in their program: (1) Australian Politics, (2) Political Theory and (3) the politics of a country other than Australia or Comparative Politics or International Relations.

Students majoring in Politics may count up to 16 credit points from the following subjects: PHIL232, PHIL390, SOC309, STS 300, STS 309. Note: Students enrolled in a double major may only cross-count one subject.

Minor Study

A minor in Politics will consist of at least 28 credit points in subjects with the prefix 'POL' from the Course Structure of the Politics major. Students may not take more than two subjects at 100-level, and may not cross-count any subjects from the minor in any other minor or major study.

Honours

See Bachelor of Arts Honours

Study Program

Subject Code	Subject Name	Credit Points	Session
100 level			
POL100	The Art of Politics	6	Autumn
POL121	Global Politics and Power	6	Spring
POL141	Change and Debate in Contemporary Australian Society	6	Not offered 2013
200 level			
PHIL232	Political Philosophy	8	Spring
POL210	The European Union: Post-war Integration, 1945 to the present	8	Not offered 2013
POL211	Democracy in Theory and Practice	8	Autumn
POL213	Key Concepts and Thinkers in Political Theory	8	Not offered 2013
POL216	Politics in the USA	8	Not offered 2013
POL220	An Introduction to Peacekeeping	8	Spring
POL222	Australian Public Policy	8	Not offered 2013
POL224	Politics and the Media	8	Spring
POL225	International Relations: Issues, Concepts and Theories	8	Autumn
POL290	Women in Society: Productive and Reproductive Labour	8	Not offered 2013
300 level			
PHIL309	Wittgenstein's Philosophical Investigations	8	Not offered 2013
POL301	Politics Internship	8	Not offered 2013
POL302	Foundations of Australian Political Culture	8	Not offered 2013
POL303	Complex Peace Operations	8	Autumn
POL314	Power and the Modern State	8	Spring
POL317	Politics in the South Pacific	8	Not offered 2013
POL318	The Politics of Asian Development	8	Autumn
POL319	Political Economy in the New Millennium	8	Spring
POL320	Twentieth Century Dictatorships	8	Not offered 2013
POL323	An Unequal World	8	Not offered 2013
POL324	Culture and Politics	8	Not offered 2013
POL340	Special Topics in Politics	8	Autumn/Spring
POL368	Protest and Power in America: The Sixties	8	Autumn
SOC 309	Social Movement and Community Activism	8	Not offered 2013
STS300	The Environment Context: Imagining a Zero Carbon Future	8	Autumn
STS309	Future Tense: Politics and Regulation of Technoscience	8	Spring

Other Information

Further information is available at http://coursefinder.uow.edu.au/ or email: Arts - fac-arts@uow.edu.au

Science and Technology Studies (STS)

Should we cycle to uni instead of driving because of climate change? Why are some people concerned about the health risks of mobile phones whilst others see them as a safe and essential way of communicating? What are the issues with using genetic testing to select for particular traits in future children? Science and Technology Studies (STS) provides you with the tools to answer some of these questions and many more. In STS you can study everything from Galileo's conflict with the Church over his sun-centred theory of the cosmos to international law relating to biotechnology regulation and policy responses to climate change.

Science and Technology Studies (STS) is an interdisciplinary program that covers:

- history & philosophy of science, technology & medicine;
- sociology of science & technology;
- science & technology policy;
- environmental history & sociology.

STS's emphasis on building critical analytical skills from an interdisciplinary base is widely recognised by international bodies involved in governance, regulation and policy development as providing graduates with invaluable knowledge and experience for addressing the many complex real-world problems facing humanity in the 21st century. The mix of policy-relevant skills and contextual knowledge about science, technology and the environment to which STS graduates are exposed makes them highly employable upon completion of their degrees.

Whether you are enrolled in an Arts, Science, Engineering, Education or Commerce degree, you can do a minor in STS and get credit points toward your degree program.

Students enrolled in either a Bachelor of Arts or Bachelor of Communication and Media Studies degree can pursue STS as a single major or in combination with another major.

Major Study

A major in STS consists of a minimum of 52 credit points comprised of STS 100 or STS 112; STS 219 and STS 250; STS 309 and STS 320. Students must complete at least three 300 level subjects from the prescribed list to complete the major.

Arts students are not permitted to undertake 6 CP 200 level subjects in STS.

Minor Study

A minor in STS consists of 28 or 30 credit points from the schedule of the Major. The minor includes one subject at each of the three levels and must include at least three STS subjects. Subjects in the minor may not be cross-counted with any other minor or major.

Honours

See Bachelor of Arts Honours

Study Program

Subject Code	Subject Name	Credit Points	Session
Core subjects: Students are required to complete the following subjects:			
STS100	Knowledge, Culture and Social Change: Science, Technology and Society	6	Autumn
OR			
STS112	The Scientific Revolution	6	Spring

STS219	How Science Works: Theories, Methods and Practices in the Sciences	8	Spring
STS250	Social Aspects of Genetics and Biotechnology	8	Autumn
STS309	Future Tense: Politics and Regulation of Technoscience	8	Spring
STS320	New Biosciences and the Body; Contemporary Issues in Social Sciences and Medicine	8	Spring
Plus any two of the following 200 and 300 level subjects:			
HIST239	Water in Australia: An Environmental History	8	Spring
HIST342	Sickness and Death: Social History of Public Health in Australia	8	Spring
PHIL220	Philosophy of Science	8	Autumn
PHIL258	Ethics and the Environment B	8	Autumn
PHIL380	Bioethics	8	Spring
STS218	Environment in Crisis	8	Spring
STS288	Risk, Media and Communication	8	Autumn
STS300	The Environmental Context: Imagining a Zero Carbon Future	8	Autumn
STS399	Research Topics in Science and Technology Studies	8	Autumn/Spring

For non-Arts students STS offers the following 200 level subjects at 6 credit points

Subject Code	Subject Name	Credit Points	Session
STS209	How Science Works: theories, methods and practices in the sciences	6	Spring
STS216	Environment in Crisis	6	Spring
STS251	Social Aspects of Genetics and Biotechnology	6	Autumn
STS286	Risk, Media and Communication	6	Autumn

Other Information

Further information is available at http://coursefinder.uow.edu.au/ or email: fac-arts@uow.edu.au

Sociology

Sociology is the study of society. It examines social life, cultural and social change, and the social causes and consequences of human behaviour. Sociology involves asking questions about human life and society, developing understandings of our diverse and rapidly changing world, and identifying the causes of and solutions to social problems. Study sociology to learn key research skills, engage with social issues, and expand your world.

By acquiring sociological skills students develop the ability to analyse a wide variety of social processes, institutions, causes of social change, and the structures of groups and societies. Specific areas of study include social theory and social research methods; social policy and the state; gender, sexuality and the body; crime and punishment; race and ethnicity; social class; families and intimacy; social interaction; social movements; globalisation, development, and social change; and media and popular culture. The Sociology Program at the Faculty organises these areas thematically, allowing students to navigate their own path through the curriculum, and consolidate in areas of interest over the course of the degree.

Sociology is an exciting area of study, taught with passion, and providing expanding opportunities for a wide range of career paths.

Major Study

A major in Sociology consists of at least 54 credit points:

- at least 6 credit points of Sociology at 100 level in either SOC103 or SOC104;
- at least 24 credit points at 200-level including SOC203 and SOC231 and an elective chosen from the list below;
- at least 24 credit points at 300-level from the list below.

Minor Study

A minor in Sociology will consist of at least 28 credit points from the schedule of the major. It will include SOC103 or SOC104, as well as SOC203 and SOC231. It must not include more than two subjects at 100-level. Subjects in the minor may not be cross-counted with any other minor or major study.

Honours

See Bachelor of Arts Honours

Study Program

Subject Code	Subject Name	Credit Points	Session
SOC 103	Introduction to Sociology	6	Autumn
SOC 104	Investigating Society	6	Spring
SOC 203	Introduction to Social Theory	8	Autumn
SOC 205	Childhoods, Families and Relationships	8	N/O 2013
SOC 206	Youth Cultures	8	Spring
SOC 209	New Social Movements	8	Autumn
SOC 210	Gender and Sexualities	8	Autumn
SOC 222	Crime, Criminality and Criminalisation	8	N/O 2013
SOC 224	Violence, Fear and Civilisation: the Evolution of States	8	Autumn
SOC 231	Social Research Methods	8	Spring
SOC 243	Comparative Sociology	8	N/O 2013
SOC 244	Punishment: Purpose, Practice, Policy	8	Spring
SOC 250	Everyday Interaction	8	N/O 2013
CST 301	Culture & Emotion	8	Spring
CST 228	Happiness: Investigating its causes and conditions	8	Autumn
SOC 302	Contemporary Social and Political Thought	8	Spring
SOC 305	Race and Ethnicity	8	N/O 2013
SOC 325	Social Research and Social Policy	8	Autumn
SOC 326	Globalisation and Social Transformation	8	Spring
SOC 327	Body & Society	8	Spring
SOC 341	Independent Research	8	Autumn/Spring
SOC 345	Scenes, Subcultures, and Neo-tribes	8	N/O 2013
SOC 350	Men and Masculinities	8	Spring
SOC 355	Cultures in Dispossession	8	Autumn

Spanish

Spanish is spoken by more than 400 million people worldwide in 22 countries, and is expected to become the second most widely-spoken language in the world. The main goal of the study of Spanish is to develop students' communications skills in the Spanish language and their understanding of the cultures of Spain and Spanish-speaking Latin America.

The major in Spanish is to provide a course of study which allows any student, regardless of their background in the discipline, to include in their degree a specialisation in Spanish which will enable them to:

- comprehend normal spoken and written Spanish in any situation;
- express themselves clearly and accurately in spoken and written Spanish in a wide range of situations;
- use their increasing knowledge of the structure of the foreign language to move from dependence on formal instruction to ongoing independent acquisition of linguistic proficiency;
- gather and synthesise information on topics of current interest from different Spanish-language sources and in different media;
- gain a broad overview of Hispanic cultural and literary traditions;
- recognise and respond personally to culture-specific information and cultural suppositions in Spanish source material, and to differences between Hispanic culture and their own cultural heritage;
- make effective use of linguistic resources such as bilingual dictionaries, Web searches, and descriptive grammars;
- better understand the structure and the communicative resources of their own language;
- take the opportunity to include a semester of study abroad at an exchange university in Spain or a Spanish speaking country as part of their University of Wollongong undergraduate degree.

Major Study

A major in Spanish for beginners or near beginners consists of 68 credit points, and must include 12 credit points at 100-level, 24 credit points at 200-level and 32 credit points at 300-level, as set out below. Students who

have achieved a strong 2 Unit HSC pass or equivalent may choose to enter the language sequence at the level of SPAN251, and complete a 56 credit point major comprising 24 credit points at 200-level and 36 credit points at 300-level, as set out below.

All students wishing to enter the Spanish major at the level of SPAN251 must obtain formal approval from the Spanish Convenor.

Native or near-native speakers, whose major also consists of 56 credit points, may be granted waivers for SPAN251 and SPAN252. Such waivers will be granted only at the time of first enrolment in Spanish, in accordance with the Program's policy and with the formal approval of the Spanish Convenor or the Director of the Language Centre. Replacement subjects to make up the 56 credit points for the major are to be chosen from the additional subjects listed below. Credit may be granted for language courses taken at University level in accordance with established University of Wollongong guidelines.

Minor Study

A minor study in Spanish consists of four sequential subjects in Spanish language subjects (e.g. SPAN151, SPAN152, SPAN251 and SPAN252). The minor will consist of 28 or 32 credit points of language study, dependent on the level of entry. Students may not cross-count any subjects from the minor in any other minor or major study.

Whilst the minor will not appear on the student's testamur at graduation, it will be recorded on the academic transcript.

Diploma in Languages (Spanish)

To qualify for award of the Diploma in Languages (course code 1002) a student must complete a total of at least 48 credit points from subjects listed from the Spanish study program below.

Students will complete a minimum of 6 subjects. These subjects will predominantly be language acquisition subjects and may include study abroad in Spanish as part of an exchange program or study abroad program with a partner University. Other subjects may be included with the permission of the Convenor of the Spanish program and the Director of the Language Centre.

Students entering at 100 level may include one culture subject; students entering at 200 level may include 2 culture subjects and students entering at 300 level may include up to 4 culture subjects.

Example: A student beginner could take the Diploma by studying SPAN151, SPAN152, SPAN251, SPAN252, SPAN351, SPAN352 and SPAN220.

A student who had studied Spanish to HSC level and was commencing university Spanish at upper level could complete the Diploma in Languages in Spanish by studying SPAN251, SPAN252, SPAN220, SPAN351, SPAN352 and SPAN310.

Other subjects from the Spanish program may be included with the permission of the Director of the Language Centre.

Subjects can be counted only in one course, that is, subjects counted towards the Diploma cannot be counted towards another degree. Students who complete the Diploma will not receive a testamur or attend a graduation ceremony specifically for the Diploma. However, when students do the Diploma concurrently with a Bachelors Degree course, they will have the Diploma listed in their Bachelors degree subject transcript upon graduating.

Click here for more information on the Diploma in Languages

Honours

See Bachelor of Arts (Honours)

Study Program

Subject Code	Subject Name	Credit Points	Session
CORE 100 Level subjects			
SPAN151	Spanish for Beginners 1	6	Autumn
SPAN152	Spanish for Beginners 2	6	Spring
CORE 200 Level subjects			
SPAN251	Spanish Intermediate 1	8	Autumn
SPAN252	Spanish Intermediate 2	8	Spring
SPAN220	The Hispanic World	8	N/O 2013
CORE 300 Level subjects			
SPAN351	Advanced Spanish I	8	Autumn
SPAN352	Advanced Spanish II	8	Spring
SPAN310	Advanced studies in Spanish	8	N/O 2013
LANG305	Literature and Society in Renaissance Europe	8	Autumn

Study Abroad/Exchange subjects			
SPAN215	In-country Language Study	8	Autumn/Spring
LANG391	Language Study Abroad 1	8	Autumn/Spring
LANG392	Language Study Abroad 2	8	Autumn/Spring
LANG393	Language Study Abroad 3	8	Autumn/Spring
Elective subjects			
ELL 110	Language in social life	6	Spring
ELL 210	Communication across cultures	8	Autumn
LANG371	Advanced Studies in Language/Culture A	8	Autumn/Spring
LANG372	Advanced Studies in Language/Culture B	8	Autumn/Spring

Minor Studies

Asia Pacific Studies Minor

The Asia Pacific Studies minor provides students with an understanding of the region in terms of socio-cultural studies, history, politics, economics and languages, with particular attention to Southeast Asia, India, Korea and Japan.

The recent changes that have taken place in Australia's region, demonstrate how forces of globalisation are increasingly integrating all parts of the world, and shaping Australia's future as one in which it is essential to connect to wider cultural, social, political and economic trends. This major offers unique insights into the nature of globalisation in the Asia Pacific, and will equip graduates to understand and evaluate these changes through roles in government, trade, law, social policy, development studies and culture.

Minor Study Requirements

A minor in Asia Pacific Studies will consist of at least 28 credit points of subjects from the course structure listed below. It must include the two core subjects POL 121 and SOC 326. The remaining subjects can be taken from the list of elective subjects. Students may not cross-count any subjects from the minor, in any other minor or major study.

Study Program

Subject Code	Subject Name	Credit Points	Session
Core			
POL 121	Global Politics and Power	6	Spring
SOC 326	Globalisation and Social Transformation	8	Spring
Electives			
DIGC330	Digital Asia	8	Spring
HIST202	Slavery in the Asia Pacific	8	N/O 2013
HIST252	A History of Modern China	8	Autumn
POL225	International Relations: Issues, Concepts and Theories	8	Autumn

Australian Studies Minor

The Australian Studies minor has been designed to introduce students to the various ways issues in Australian culture and society are addressed and analysed. The minor explores key themes and events in Australia's past and their impact on the present through questions about national identity, social, cultural and political diversity, race and gender. Crossing between disciplines, this minor aims to offer an insight into the disputes, complexities and contradictions that contribute to what it means to be Australian today.

Minor Study Requirements

A minor in Australian Studies will consist of at least 28 credit points of subjects from the course structure listed below. It must include the two core subjects AUST101 and AUST350. The remaining subjects can be taken from the list of elective subjects. Students may not cross-count any subjects from the minor in any other minor or major study.

Study Program

Subject Code	Subject Name	Credit Points	Session
Core			
AUST101	Australian Studies: Cultures and Identities	6	Autumn

AUST 350	Debates in Australian Cultural History	8	Autumn
Electives			
HIST220	Living Australia 1800-2000: The autobiography of working class Australia	8	Autumn
HIST239	Water in Australia: An Environmental History	8	Spring
INDS200	Identity, History and Resilience	8	Spring
POL302	Foundations of Australian Political Culture	8	N/O 2013

European Studies Minor

Europe is the focus for this interdisciplinary minor that brings together expertise in various disciplines and a combined knowledge of a specific geo-political and economic area. The minor enables students to understand and interpret a region of great significance to Australia.

Minor Study Requirements

A minor in European Studies will consist of at least 28 credit points of subjects from the course structure listed below. It must include the two core subjects HIST111 and HIST310. The remaining subjects can be taken from the list of elective subjects. Students may not cross-count any subjects from the minor in any other minor or major study.

Study Program

Core			
HIST111	The Modern World	6	Spring
HIST310	Europe in World History	8	Autumn
Electives			
EURO220	The European Union: Post-War Integration, 1945 to the Present	8	N/O 2013
ENGL337	Sex, Power and Chivalry: Medieval to Modern Literature	8	N/O 2013
HIST322	Twentieth Century Dictatorships	8	Spring
LANG305	Literature and Society in Renaissance Europe	8	Autumn

Other Information

Further information is available at http://coursefinder.uow.edu.au/ or email: Arts - fac-arts@uow.edu.au

Indonesian

NOTE: Students can only complete a minor in Indonesian

Studying Indonesian gives students cultural and linguistic skills to access Indonesia, one of our closest neighbours. With a population of just under 240 million, Indonesia is the largest Muslim country in the world, and it has significant Hindu, Buddhist and Christian populations. Indonesian language proficiency will give students the ability to access this culturally diverse and strategically significant neighbour.

Indonesian language subjects cater for beginning, advanced and background speaker students. A minor in Indonesian can be studied in a variety of degree programs, or as an elective subject.

Students can also include in-country study in their degrees in-country studies, ranging from summer intensive programs at an Indonesian university to full semester or year long programs offered through the Australian Consortium for In-Country Indonesian Studies (ACICIS). Indonesian can also be studied in the Certificate in Languages which is generally studied concurrently with another degree.

Career Opportunities

Indonesian language skills will prepare students for working in a globalised economy. Careers in government, the public service, non-government organisations, education (especially secondary school teaching) and business amongst others can be enhanced by possessing Indonesian linguistic and cultural competency.

Minor Study

A minor in Indonesian consists of at least:

- 28 cps for students entering at introductory level;
- 32 cps for students entering with HSC or equivalent qualifications;
- 24 cps for native speaker students.

Students with little or no prior knowledge will commence their studies with INDO151 and then will study INDO152, INDO251 and INDO252. Students with HSC Indonesian or equivalent competency will normally commence their studies with INDO 251 and then study INDO 252, INDO 351 and INDO 352. Students with native speaker competency will commence their studies with INDO 351 and then study INDO 352, and ELL 210 or another subject relevant to the minor and with the permission of the Director of the Language Centre.

Students may not cross-count any subjects from the minor in any other minor or major study.

Study Program

Subject Code	Subject Name	Credit Points	Session
Entry point for beginners or near beginners			
INDO151	Introductory Indonesian 1A	6	Autumn
INDO152	Introductory Indonesian 1B	6	Spring
Entry point for advanced beginners or HSC competency or equivalent			
INDO215	In-Country Language Study	8	Autumn / Spring
INDO251	Intermediate Indonesian 2A	6	Autumn
INDO252	Intermediate Indonesian 2B	6	Spring
INDO351	Advanced Indonesian for Non-Indonesian background Students (NCB) 3A	8	Spring
INDO352	Advanced Indonesian 3B	8	Spring

Other Information

Further information is available at http://coursefinder.uow.edu.au/ or email: Arts - fac-arts@uow.edu.au

Bachelor of Arts

Campuses: Bega, Batemans Bay, Shoalhaven & Southern Highlands)

Choosing a Major in the Bachelor of Arts

The Bachelor of Arts (BA702, BB702, BE702, SH702 or MV702), is one of the more open degrees offered by the University of Wollongong. Rather than relying on a prescribed program of study, it offers students a range of choices. The degree offers two majors in the disciplinary areas familiar from study at school, English Literatures and History. Other disciplinary areas offered that might not be as familiar include Sociology and the interdisciplinary areas of Indigenous Studies and Community, Culture and Environment. The study of a discipline gives students a developing set of skills while they acquire a set of conceptual frameworks and a body of knowledge interpreted using those frameworks. For example, within the study of 'history', students learn how to research and write history, as well as how to read what historians have thought about the past.

Interdisciplinary areas are built around either a place or a theme (for example Indigenous Studies or Community, Culture and Environment). These majors reach across disciplines to illustrate different ways an issue can be explored. Interdisciplinary majors ask the students to step outside the comfort zone offered by disciplinary majors and offer challenging alternatives to traditional areas of study.

The BA (BA702, BB702, BE702, SH702 or MV702) offers five majors: Community, Culture and Environment, English Literatures, History, Indigenous Studies, Sociology. The majors aim to offer a comprehensive exposure to each discipline area but subjects offered under the BA (BA702, BB702, BE702, SH702 or MV702) will vary from those available at the Wollongong Campus.

The subjects listed under each major and at each level will rotate on a yearly basis, ensuring that students will always have a selection of options that will count towards their majors.

Most majors offered in the Bachelor of Arts (BA702, BB702, BE702, SH702 or MV702) require either 52 or 54 credit points. English Literatures and History majors are quite open in their requirements, allowing students to navigate their way through the program by meeting credit point requirements at each level. Others have core subject requirements to complete the major (for example Sociology and Indigenous Studies). All majors require at least a pass in 24 credit points (or three subjects) at 300 level from the subjects offered for the major. The requirements for each major are set out later in this Handbook.

Credit Arrangements

Please see the General Course Rules for more information on credit arrangements.

Course Requirements

To qualify for award of the degree of Bachelor of Arts course code (BA702, BB702, BE702, SH702 or MV702) a student must complete a total of at least 144 credit points from subjects listed in the Course Structures of the Bachelor of Arts offered by member units of the Faculty and other subjects as approved by the Faculty.

The 144 credit points shall include:

a) subjects from at least one major from the prescribed list of majors offered in the BA702, BB702, BE702, SH702 or MV702;

b) 24 credit points of 300 level subjects within the major must be at grade pass or better;

c) To complete the credit points required for the degree, students can take another major, a minor or elective subjects offered by the Faculty or other faculties;

d) the balance of the credit points required to graduate, students can take any other subjects offered in the course program below, or subjects taken as cross-institutional study.

Double Majors

Students can undertake a double major in their degree from the majors offered in this degree, for example History and Indigenous Studies. Where a double major is taken, both shall meet the requirements of the majors as prescribed by the Faculty. A candidate for course code BB702, BE702, SH702 or MV702 who has registered for two major studies, may choose two majors with common subjects. Students can count one subject twice towards the majors but cannot count the credit points twice towards those required for the degree. Majors are noted on the student's testamur awarded at graduation.

Minors in the Bachelor of Arts

Minor studies are also available to students for course code BB702, BE702, SH702 or MV702. They consist of a minimum of 28 credit points of which no more than 12 credit points are at 100 level. Students may not cross count subjects from a nominated minor into any other minor or major. Minors do not appear on the testamur but do appear on the transcript (i.e. the academic record).

Cross Institutional Study

Many students in the BA (BA702, BB702, BE702, SH702 or MV702) take subjects from other institutions as cross institutional study. Before enrolling in cross institutional study, students need to be aware of the conditions attached to taking a subject offered by another university.

Cross institutional study is limited to a maximum of 48 credit points.

The credit points allocated take one of two forms: unspecified or specified credit. All applications for cross institutional study must be approved by the Sub Dean before the subject is taken and must be accompanied by a subject description that indicates both content and the level of study.

For more information on cross-institutional study please see the BA (BA702, BB702, BE702, SH702 or MV702) Handbook.

Major Study Areas from the Faculty (BA702, BB702, BE702, SH702 or MV702)

Students enrolled in the Bachelor of Arts (BA702, BB702, BE702, SH702 or MV702) within the Faculty must take one of these majors:

- Community, Culture and Environment
- English Literatures
- History
- Indigenous Studies
- Sociology

Please refer to the South Coast Highlands Handbook for a listing of subjects required to complete the above majors.

Minor Studies

Students enrolled in the Bachelor of Arts (BA702, BB702, BE702, SH702 or MV702) may choose from the following minors.

- Community, Culture and Environment
- English Literatures
- Environmental Studies
- History
- Politics
- Indigenous Studies
- Sociology

Please refer to the South Coast Highlands Handbook for a listing of subjects required to complete the above minors.

Honours

Honours is a fourth year of study that students can undertake provided they meet the requirements set out in the honours entry for this handbook. More details on honours can be found in the BA (BA702, BB702, BE702, SH702 or MV702) handbook. See separate entry for the Bachelor of Arts (Honours).

The Honours Handbook can be accessed as a PDF document from the Faculty home page at: http://www.uow.edu.au/arts/

Internship and International Subjects

The Arts internship program provides students with an opportunity to apply the knowledge and skills acquired in their degree in a workplace setting. The internship subject ARTS301 is offered in autumn and spring sessions, all Arts students can enrol into ARTS301 providing they meet the pre-requisites. Another popular internship facilitated by the Faculty is the Politics Internships. The Politics internship subject POL 301 presents interested students with the opportunity to be an intern at Washington, New York or Canberra. Read more about the Arts Faculty Internship Program on our website www.uow.edu.au/arts/current/internships/index.html

One of the Faculty's aims is to encourage students to study in an overseas university. Students can study abroad for a full session taking three to four subjects, or can study abroad for a shorter period of time by taking a study tour. The Faculty's study tour subjects currently focus on War History and incorporate visits to Gallipoli and the Western Front. Both subjects are listed below:

HIST265	Gallipoli Study Tour	N/O 2013
HIST270	Western Front Study Tour	Winter

Assessment

Assessment in this course varies between subjects and programs, but typically can include a combination of essays, tutorial/seminar presentations, E-Learning exercises and, in some subjects, in-class tests and/or exams. Some subjects may have an additional practical component. The assessment requirements of each subject are set out in the individual subject outlines, which students receive in the first week of session.

Subject Delivery

Subjects are taught using different methods of delivery. For some subjects, lectures are edustreamed which means students can download the lectures. In other lectures, video conferencing is used where the lecturer talks to students in real time. Other subjects rely on online delivery which includes posting the lectures on the subject's website. In virtually all subjects, there are tutorials run on your campus.

Major Studies (Course Requirements)

Community, Culture and Environment

The theme of this major reflects its name, Community, Culture and Environment. Subjects offered by Sociology and Politics inform the theme of community, those offered by English, History and Cultural Studies inform the cultural theme and those offered by Earth Sciences and Science and Technology Studies inform the environmental theme. However, many of the subjects offered will often combine two of the themes listed in the degree, especially the Indigenous Studies subjects.

Major Study

This major requires a minimum of 54 credit points and must include either AUST101 or AUST102, 24 credit points at 200 level and 24 credit points at 300 level from the schedule of subjects offered for the major listed in the table below.

Minor Study

A minor in Community, Culture and Environment will consist of at least 28 credit points from the subjects in the major and must include either AUST101 or AUST102. Not more than two subjects may be taken at 100-level. Students may not cross-count any subjects from the minor in any other minor or major study.

Honours

See Bachelor of Arts Honours

Study Program

Subject Code	Subject Name	Credit Points	Session
100 level			
AUST101	Australian Studies: Cultures and Identities	6	Autumn
AUST102	Locating Australia	6	N/O 2013
EESC104	Human Geography, Sustainability, Cities and Cultures	6	Spring
ERLS160	Employment, Work and Power	6	N/O 2013
ELL 182	Effective Written Communication (ESB)	6	Autumn
ENGL120	An Introduction to Literature and Film	6	Autumn
INDS150	Introduction to Indigenous Australia	6	Autumn
CST 120	Culture of Everyday Life	6	N/O 2013
PHIL151	Practical Reasoning	6	N/O 2013
POL 121	Global Politics and Power	6	N/O 2013
SOC 103	Introduction to Sociology	6	Autumn
SOC 104	Investigating Society	6	Spring
200-level			
ENGL229	The Romantics	8	Spring
ENGL243	Children's and Young Adult Fantasy Literature	8	N/O 2013
ENGL259	An Introduction to Canadian Literature	8	N/O 2013
ENGL264	Modernism	8	Spring
ENGL268	Dreams and Visions in Literature and Film	8	Autumn
HIST203	Australians and the Great War	8	Autumn
HIST239	Water in Australia: An Environmental History	8	Spring
HIST265	Gallipoli Study Tour	8	N/O 2013
HIST270	Western Front Study Tour	8	N/O 2013
INDS200	Identity, History and Resilience	8	Spring
INDS201	Redefining Eden: Indigenous Peoples and the Environment	8	Autumn
POL 290	Women in Society: Productive and Reproductive Labour	8	N/O 2013
SOC 203	Introduction to Sociology	8	Autumn
SOC 206	Youth Cultures	8	N/O 2013
SOC 231	Social Research Methods	8	Spring
SOC 250	Everyday Interaction	8	N/O 2013
STS 218	Environment in Crisis	8	Spring
300-level			
ARTS301	Arts Internship	8	Spring
HIST350	Debates in Australian Cultural History	8	Autumn
ENGL337	Sex, Power and Chivalry – Medieval to Modern Literature	8	N/O 2013
ENGL366	Black Writing from Africa, the US and the Caribbean.	8	Autumn
ENGL377	Social Justice and Children's Literature	8	Autumn
HIST322/POL 320	Twentieth Century Dictatorships	8	N/O 2013
HIST334	Regional and Environmental History	8	N/O 2013
INDS300	Indigenous Peoples and Decolonisation: Global Perspectives	8	Autumn
SOC 302	Contemporary Social and Political Thought	8	N/O 2013
SOC 325	Social Research and Social Policy	8	Autumn
SOC 326	Globalisation and Social Transformation	8	N/O 2013
SOC 345	Scenes, Subcultures and Neo-Tribes	8	N/O 2013
SOC 350	Men and Masculinities	8	Spring
STS 300	The Environmental Context: Imagining a Zero Carbon Future	8	Autumn

English Literatures

The English Literatures major introduces students to a broad range of literary texts – novels, poetry, essays, drama, short stories, film, life-writing, diaries and letters – drawn from medieval to contemporary popular culture. Students read literatures written or performed in English from Australia, Africa, the Caribbean, Canada, the U.S. and the UK. They are encouraged to explore the aesthetic, formal, and ideological dimensions of literature. The English major enhances reading, writing and speaking skills, enabling students to analyse what they read, and articulate their response to reading with critical acumen and cultural sensitivity.

Within the major, students can study broadly across genres and literary periods, or they can follow streams of subjects in areas including Australian literature, Canadian/New Zealand literatures, gender in literature and literature by historical periods. English may be combined with any other approved Arts major.

Major Study

A major study in English Literatures is made up of at least 54 credit points: 6 at 100-level, 24 at 200-level, and 24 at 300-level from the schedule of subjects offered for the major listed in the table below. Of the 54 credit points, at least 46 credit points will be in subjects having the prefix 'ENGL'.

Minor Study

A minor in English Literatures will consist of at least 28 credit points of subjects with the prefix 'ENGL' from the schedule of subjects listed in the table below. Not more than two subjects may be taken at 100-level. Students may not cross-count any subjects from the minor in any other minor or major study.

Honours

See Bachelor of Arts Honours

Study Program

Subject Code	Subject Name	Credit Points	Session
ENGL120	An Introduction to Literature and Film	6	Autumn
ENGL229	The Romantics	8	Spring
ENGL243	Children's and Young Adult Fantasy Literature	8	N/O 2013
ENGL259	An Introduction to Canadian Literature	8	N/O 2013
ENGL264	Modernism	8	Spring
ENGL267	U.S. Literature	8	N/O 2013
ENGL268	Dreams and Visions in Literature and Film	8	Autumn
ENGL337	Sex, Power and Chivalry – Medieval to Modern Literature	8	N/O 2013
ENGL366	Black Writing from Africa, the Caribbean and the USA	8	Autumn
ENGL377	Social Justice and Children's Literature	8	Autumn

History

History aims to understand and interpret the past. It is the subject that brings the past into the present. History is a dynamic discipline, since each generation returns to the past with different questions, based on their own experiences and concerns. Historical analysis brings together both facts and moral judgements to analyse the background to contemporary conditions. Perhaps more importantly, History can also help us to imagine the kinds of futures we want to live.

Career Opportunities

History graduates follow many employment paths. They work in Federal and State government departments, in private enterprise, as researchers, in the media, in travel, marketing and tourism, as teachers at primary and secondary schools, institutes of technology and universities, as well as finance and service industries.

The History course builds a solid foundation for future study through developing the students' capacity to inquire, analyse and communicate information, ideas, and concepts. This is extremely helpful to the graduate in terms of taking postgraduate courses.

Major Study

The History major consists of 52 credit points out of at least 144 credit points, with 24 credit points being at 300-level. Students taking a major in History can count up to 16 credit points from the subjects listed in the Politics major at Wollongong; as well as INDS150 and INDS200.

Note: students enrolled in a double major may only cross-count one subject.

Minor Study

A minor in History will consist of at least 28 credit points in subjects from the schedule of the History major (see above). Students may not take more than two subjects at 100-level and may not cross-count any subjects from the minor in any other minor or major study.

Honours

See Bachelor of Arts Honours

Study Program

Subject Code	Subject Name	Credit Points	Session
AUST101	Australian Studies: Cultures and Identities	6	Autumn
AUST102	Locating Australia	6	N/O 2013
ERLS160	Employment, Work and Power	6	N/O 2013
INDS150	Introduction to Indigenous Australia	6	Autumn
HIST203	Australians and the Great War	8	N/O 2013
HIST239	Water in Australia: An Environmental History	8	N/O 2013
HIST265	Gallipoli Study Tour	8	N/O 2013
HIST270	Western Front Study Tour	8	N/O 2013
INDS200	Identity, History and Resilience	8	Spring
HIST322	Twentieth Century Dictatorships	8	N/O 2013
HIST334	Regional and Environmental History	8	Autumn
HIST350	Debates in Australian Cultural History	8	Autumn

Indigenous Studies

Indigenous Studies is an interdisciplinary major which links together INDS subjects and a number of subjects offered by the Faculties of Arts and Science, to provide Indigenous and non-Indigenous students with a coherent program in the study of Indigenous Australia.

Major Study

A major in Indigenous Studies consists of a minimum of 52 credit points, of which at least 12 credit points are at 100 Level, 16 credit points at 200 Level and 24 credit points at 300 Level and must include the core subjects INDS150, INDS200 and INDS300 from the schedule of subjects offered for the major listed in the table below. Non-core subjects can be taken from the electives listed below. A typical program of study might be INDS150 + EESC104 at 100 Level, INDS200 + INDS201 at 200 Level, and INDS300 + two from ENGL375, HIST300 and SOC350 at 300 Level.

Minor Study

A minor in Indigenous Studies will consist of the three core subjects (INDS150, INDS200 and INDS300) and one other subject from the list below. Students may not cross-count any subjects from the minor in any other minor or major study.

Honours

See Bachelor of Arts Honours

Study Program

Subject Code	Subject Name	Credit Points	Session
AUST102	Locating Australia	6	N/O 2013
EESC104	Human Geography, Sustainability, Cities and Cultures	6	Spring
INDS150	Introduction to Indigenous Australia	6	Autumn
PHIL151	Practical Reasoning	6	N/O 2013
SOC104	Investigating Society	6	Spring
HIST239	Water in Australia: An Environmental History	8	N/O 2013
INDS200	Identity, History and Resilience	8	Spring
INDS201	Redefining Eden: Indigenous Peoples and Environment	8	Autumn
SOC231	Social Research Methods	8	Spring
HIST350	Debates in Australian Cultural History	8	Autumn
INDS300	Indigenous Peoples and Decolonisation: Global Perspectives	8	Autumn

Sociology

Sociology is the study of social life, cultural and social change, and the social causes and consequences of human behaviour. By acquiring sociological skills students develop the ability to analyse a wide variety of social processes, institutions, causes of social change and the structures of groups and societies. Specific areas of study include social policy; social theory and methodologies; gender, sexuality and the body; class; crime and punishment; race and ethnicity; family, welfare and education reform; everyday interaction; social movements; social change in Asia; media and entertainment; and youth and popular culture. In a rapidly changing world, sociology provides distinctive methodologies and perspectives that offer solutions to complex problems arising from social inequality, globalisation, criminal justice and racism. Sociology is an exciting discipline with expanding opportunities for a wide range of career paths.

Major Study

A major in Sociology consists of a minimum of 54 credit points including 6 credit points of Sociology at 100- level in either SOC103 or SOC104, at least 24 credit points at 200-level including SOC203 and SOC231 and at least 24 credit points at 300-level in Sociology subjects from the schedule of subjects offered for the major listed in the table below.

Minor Study

A minor in Sociology will consist of at least 28 credit points from the schedule of the major. It will include SOC103 or SOC104, as well as SOC203 and SOC231. It must not include more than two subjects at 100-level. Subjects in the minor may not be cross-counted with any other minor or major study.

Honours

See Bachelor of Arts Honours

Study Program

Subject Code	Subject Name	Credit Points	Session
SOC103	Introduction to Sociology	6	Autumn
SOC104	Investigating Society	6	Spring
SOC203	Introduction to Social Theory	8	Autumn
SOC206	Youth Cultures	8	N/O 2013
SOC231	Social Research Methods	8	Spring
SOC250	Everyday Interaction	8	N/O 2013
SOC302	Contemporary Social and Political Thought	8	Spring
SOC325	Social Research and Social Policy	8	N/O 2013
SOC326	Globalisation and Social Transformation	8	N/O 2013
SOC345	Scenes, Subcultures and Neo-Tribes	8	N/O 2013
SOC350	Men and Masculinities	8	Spring

Minor Study in Environmental Studies*

**Only available as part of the Bachelor of Arts (Bega, Batemans Bay, Southern Highlands and Shoalhaven).*

On completing this minor, students will have a recognised minor specialisation on one of the three themes offered in the degree, the environmental theme. They will be able to place the current environmental debate within an intellectual and social context.

Subject Code	Subjects	Credit Points	Session
Students must complete 28 credit points from the following:			
EESC104	Human Geography, Sustainability, Cities and Cultures	6	Spring
EESC211	Rural and Urban Social Geography	8	Spring
HIST239	Water in Australia: An Environmental History	8	N/O 2013

STS 218	Environment in Crisis	8	Spring
STS 300	The Environmental Context: Imagining a Zero Carbon Future	8	Autumn

Minor Study in Politics

The discipline of Politics is an exciting, vibrant and constantly changing body of ideas, approaches and methods. The Politics program offers subjects in international relations, Australian politics, political theory, comparative politics, the politics of developing countries, public policy, culture and media. Students are advised to study as broadly as possible across the areas offered by the discipline.

Minor Study

A minor in Politics will consist of at least 28 credit points in subjects with the prefix 'POL' from the schedule of subjects offered in the Politics major (see major listed in the Bachelor of Arts – Wollongong). Students may not take more than two subjects at 100-level, and may not cross-count any subjects from the minor in any other minor or major study.

Bachelor of Arts (Dean's Scholar)

Testamur Title:	Bachelor of Arts (Dean's Scholar)
Abbreviation:	BA (Dean's Schol)
My University:	Asia Pacific, Australian Studies, Comparative Indigenous Studies; Culture and Identities, English Literatures, English Language & Linguistics, Ethics, Gender Studies, Global Media, History, Human Security, International Relations, Languages, Masculinities, Peace keeping, Philosophy, Politics, Postcolonial, Resource & Environmental, Sociology, Science & Technology, Transcultural Communication
Duration:	3 years full-time or part-time equivalent
Total Credit Points:	144
Delivery Mode:	On campus (Face-to-face)
Starting Session(s):	Autumn/Spring
Location:	Wollongong
UOW Course Code:	702_2
UAC Code:	753105
CRICOS Code:	000612E

Overview

The Dean's Scholar degree provides an academic space for high-achieving single degree Arts students. With a limited intake of students per year, it aims to provide an enriched educational experience for high-achieving, motivated Arts students who are hoping to make a contribution to their field of study through teaching or research, or by working as professionals in their chosen area of study.

As a Bachelor of Arts degree, the Dean's Scholar degree is flexible. For example, Dean's Scholars have the opportunity to attempt subjects not normally available to first-year students. They may be granted exemption from certain first-year subjects and may be permitted extended subject loads, enabling them to complete the degree in less than the normal time and enter Honours in their third year. Each Dean's Scholar has an academic mentor, a member of academic staff who undertakes to offer advice in the scholar's major area of study.

The Dean's Scholar degree is not a scholarship. Students intending to apply for a place in this degree are encouraged to apply for the University's Undergraduate, Residential, Foundation or Equity and Merit Scholarships.

Dean's Scholar students benefit from:

- Access to shared study and workspace;
- Yearly text book/resource allowance for full-time students;
- Limited printing privileges;
- Dean's Scholars lunch time seminar series (seminars are conducted by high profile academic staff as well as visiting fellows);
- Opportunities to attend academic and higher degree research workshops and seminars;
- End of year Dean's Scholars Annual Dinner;
- Extended Library privileges.

The Sub Deans of the Faculty oversee the program and have regular meetings with the scholars. Dean's Scholars are assigned an academic mentor – a member of academic staff who nominates to advise the student on matters concerned with the degree. On successful completion of the first part of the course, Dean's Scholars will be guaranteed admission to Honours.

Dean's Scholars must undertake one major study from the Faculty of Arts and may take any of the minor studies areas as set out earlier in this Handbook under the entry for the Bachelor of Arts 702. To remain in the program, Dean's Scholars must maintain an average of 75% in each year of study. If the student's average falls below 75%, the student will be transferred into the Bachelor of Arts 702.

Dean's Scholars are able to use the University's student exchange program to undertake a period of study overseas. Several Dean's Scholars have competed successfully for places in the Australian National Internship Program or the University Capitol Washington Internship Program which places students in political offices in Canberra or Washington D.C. respectively.

Entry requirements

Entry to the Bachelor of Arts (Dean's Scholar) is based on an ATAR set by the Faculty as well as an interview.

Course Requirements

To qualify for award of the degree of Bachelor of Arts 702A Dean's Scholar a student must complete a total of at least 144 credit points from subjects listed in the Course Structures of the Bachelor of Arts offered by member units of the Faculty and other subjects as approved by the Faculty.

The 144 credit points shall include:

- The subjects prescribed for one of the majors listed in the Course Structures for that degree and offered by member units of the Faculty of Arts;
- 24 credit points of 300 level subjects within the major must be at a pass grade or better;
- To complete the credit points required for the degree, students can take a second major, minor or elective subjects offered by the Faculty of Arts or other faculties.
- Not more than 60 credit points in 100-level subjects;
- Maintaining an average mark of 75% or better.
- ARTS100 Peer-2-Peer Mentoring.
- Students may count no more than 24 credit points of PC (Pass Conceded) or PR (Pass Restricted) grades towards the 144 required for the degree.

Peer-2-Peer Mentoring

Peer-2-Peer Mentoring (subject code ARTS100) is a compulsory zero credit point subject that must be undertaken by each student during their first year. This subject consists of a one hour weekly tutorial during the student's first session of study. This subject is designed to enable incoming students to adapt rapidly to the tertiary environment and engage with the university community.

Students can find information at www.uow.edu.au/arts/current/artscentral/UOW087916.html

Majors and Minors

Students can undertake a double major in their degree. As long as the first major is taken from those offered by the Faculty, the second major can be taken from Arts, or from any other faculty, provided students meet the requirements for that major. The most common second majors taken outside the Faculty of Arts include Economics, Geography, Management, Marketing and Psychology. If the two majors have common subjects, students can count one subject twice towards the majors but cannot count the credit points twice towards those required for the degree.

Minor studies consist of a minimum of 28 credit points of which no more than 12 credit points at 100 level can be counted. Students may not cross count subjects from a nominated minor into any other minor or major. Minors do not appear on the testamur but do appear on the transcript (i.e. academic record).

Where a minor is taken from outside of an Arts Faculty degree, refer to the requirements prescribed for that minor.

Major Study Areas from the Faculty of Arts

Students enrolled in the Bachelor of Arts 702A (Dean's Scholar) within the Faculty of Arts must take one of these majors:

- Cultural Studies
- Chinese (Mandarin) for Non-Chinese Background Students
- Chinese (Mandarin) for Character Background Students
- Employment Relations
- English Language and Linguistics
- English Literatures
- French
- History
- Indigenous Studies
- Italian
- Japanese
- Philosophy
- Politics
- Science and Technology Studies
- Sociology
- Spanish

Minor Studies

Students enrolled in the Bachelor of Arts 702A (Dean's Scholar) may choose from the following minors.

- Asia Pacific Studies
- Australian Studies
- Cultural Studies
- Chinese (Mandarin) for Non-Chinese Background Students
- Chinese (Mandarin) for Character Background Students
- Employment Relations
- English Language and Linguistics
- English Literatures
- Environmental Studies
- European Studies
- French
- History
- Indigenous Studies
- Indonesian
- Italian
- Japanese
- Philosophy
- Politics
- Science and Technology Studies
- Sociology
- Spanish

Internship and International Subjects

The Arts Faculty internship program provides students with an opportunity to apply the knowledge and skills acquired in their degree in a workplace setting. The internship subject ARTS301 is offered in autumn and spring sessions, all Arts students can enrol into ARTS301 providing they meet the pre-requisites. Another popular internship facilitated by the Faculty of Arts is the Politics Internships. The Politics internship subject POL 301 presents interested students with the opportunity to be an intern at Washington, New York or Canberra. Read more about the Arts Faculty Internship Program on our website www.uow.edu.au/arts/current/internships/index.html

One of the Faculty's aims is to encourage students to study in an overseas university. Students can study abroad for a full session taking three to four subjects, or can study abroad for a shorter period of time by taking a study tour.

The Faculty's study tour subjects currently focus on War History and incorporate visits to Gallipoli and the Western Front. Both subjects are listed below:

HIST265	Gallipoli Study Tour	N/O 2013
HIST270	Western Front Study Tour	Winter

Honours

See separate entry for the Bachelor of Arts Honours

The Faculty of Arts Honours Handbook can be accessed as a PDF document from the Faculty of Arts home page at: http://www.uow.edu.au/arts/

Transfer option into the BA Dean's Scholar degree or Double Degree

In January of each year, the Faculty of Arts invites applications from high achieving students to apply to transfer into the Bachelor of Arts Dean's Scholar degree or Double Degree.

Selection Criteria

To be eligible to apply for a place in the Bachelor of Arts Dean's Scholar degree or Double Degree, applicants would normally meet the following criteria:

- Currently enrolled in the BA 702 or any other degree;
- Full-time student;
- Have successfully completed two full sessions of study or 8 subjects;
- Have a WAM (weighted average mark) of at least 80.

For more information including the full list of Dean's Scholar degrees and to how to apply online visit: http://www.uow.edu.au/arts/current/transferdeanscholar/index.html.

Credit Arrangements

Please see General Course Rules for more information.

Assessment

Assessment in this course varies between subjects and typically includes a combination of essays, tutorial/seminar presentations, WebCT exercises and, in some subjects, in-class tests and/or exams. Some subjects may have an additional practical component. The assessment requirements of each subject are set out in the individual subject outlines, which students receive in the first week of session.

Other Information

Further information is available at http://coursefinder.uow.edu.au/ or email: Arts - fac-arts@uow.edu.au

Bachelor of Arts Honours

Testamur Title:	Bachelor of Arts Honours
Abbreviation:	BA (Hons)
My University:	Asia Pacific, Australian Studies, Comparative Indigenous Studies; Culture and Identities, English Literatures, English Language & Linguistics, Ethics, Gender Studies, Global Media, History, Human Security, International Relations, Languages, Masculinities, Peace keeping, Philosophy, Politics, Postcolonial, Resource & Environmental, Sociology, Science & Technology, Transcultural Communication
Duration:	1 year full-time or part-time equivalent
Total Credit Points:	48
Delivery Mode:	On campus (face-to-face)
Starting Session(s):	Normally autumn, but some schools permit mid-year entry
Location:	Wollongong
UOW Course Code:	701
UAC Code:	N/A
CRICOS Code:	000611F

Overview

BA (Hons) consists of 50% coursework and 50% research work. The coursework is divided into two subjects, each worth 12 credit points. The first subject is compulsory for all students – ARTS470, Research in the Social Sciences and Humanities; the second coursework subject is a discipline–specific subject. For students on SCSH campuses the discipline-specific subject will normally be that connected to their research supervisor. The research component

of BA (Hons) takes the form of a research thesis (24 credit points), devised and completed under the supervision of an academic employed in the Faculty of Arts. Co-supervision may be arranged, with the approval of the Faculty's Honours Coordinator.

Entry Requirements

Major in an Arts Faculty discipline, interdisciplinary or other field of study; achieving 75% average across the Major, including two Distinctions at 3rd year level

Course Requirements

Irrespective of the Honours program chosen, the program consists of coursework (which makes up 50% of the final mark) and a research thesis (which makes up 50% of the final mark).

Grade of Honours

The overall grade of Honours is determined by calculation of the weighted average mark (WAM) for the 400-level subject in which the student is enrolled. Honours are awarded in the following categories:

- Class I (WAM 85 to 100%)
- Class II, Division 1 (WAM 75 to 84%)
- Class II, Division 2 (WAM 65 to 74%)
- Class III (WAM 50 to 64%)
- If the WAM is below 50%, an Honours grade is not awarded.

Areas of Study in Honours

An Honours year in the Faculty of Arts is available in the following areas:

- Indigenous Studies
- Community, Culture and Environment*
- Cultural Studies
- Employment Relations
- English Language and Linguistics
- English Literatures
- European Studies
- French
- History
- Interdisciplinary Honours
- Italian
- Japanese
- Philosophy
- Politics
- Science and Technology Studies
- Sociology
- Spanish

**Available at Batemans Bay, Bega, Southern Highlands and Shoalhaven only.*

Honours Guide and Code of Practice (Honours)

The Faculty of Arts Honours Guide provides detailed information on all Honours courses. It is provided in hard copy to all honours students and can be accessed as a PDF document at the following web address: http://www.uow.edu.au/arts/current/artscentral/UOW018544.html

Students are advised to refer to the following University of Wollongong web site for access to the Code of Practice - Honours: http://www.uow.edu.au/about/policy/UOW058661.html

Program of Study

Full Time Student – Commence Autumn 2013			
Subject Code	**Subject Name**	**Credit Points**	**Session**
ARTS470	Research in the Social Sciences and Humanities	12	Autumn 2013
Discipline Specific Subject*	Discipline Specific Subject*	12	Spring 2013
ARTS480	Thesis (Full-time)	24	Annual
Part Time Student – Commence Autumn 2013			
Subject Code	**Subject Name**	**Credit Points**	**Session**
ARTS470	Research in the Social Sciences and Humanities	12	Autumn 2013
Discipline Specific Subject*	Discipline Specific Subject	12	Spring 2013
ARTS482	Thesis (Part-time)	12	Autumn 2014
ARTS482	Thesis (Part-time)	12	Spring 2014

**Discipline Specific Subjects*

Subject Code	**Subject Name**	**Credit Points**
CCE470	Community, Culture and Environment Honours	12
ELL470	Honours in English Language and Linguistics	12
ENGL470	English Honours	12
ENGL472	Combined Honours in English	12
EURO470	European Studies Honours	12
FREN470	French Honours	12
HIST470	History Honours	12
HIST472	Combined Honours in History and Another Discipline	12
INDS470	Indigenous Studies Honours	12
INDS472	Joint Honours in Indigenous Studies and Another Discipline	12
ITAL470	Italian Honours	12
JAPA470	Japanese Honours	12
MACS470	Media and Communication Studies Honours	12
MACS472	Joint Honours in MACS and Another Discipline	12
PHIL470	Philosophy Honours	12
PHIL472	Combined Philosophy Honours	12
POL470	Politics Honours	12
POL472	Joint Honours in Politics and Another Discipline	12
SOC470	Sociology Honours	12
SOC472	Joint Honours in Sociology and Another Discipline	12
SPAN470	Spanish Honours	12
STS470	Science and Technology Studies Honours	12
STS472	Joint Honours in Science and Technology Studies and Another Discipline	12

Bachelor of Arts

Bachelor of Arts Honours

Testamur Title:	Bachelor of Arts
	Bachelor of Arts Honours
Abbreviation:	BA
	BA (Hons)
My University:	Psychology
Duration:	3 years full-time or part-time equivalent
	1 year full-time or part-time equivalent (Honours)
Total Credit Points:	144
	48 (Honours) as an additional year
Delivery Mode:	On-campus
Starting Session(s):	Autumn
Location:	Wollongong
UOW Course Code:	708
	707 (Honours)
UAC Code:	753122
CRICOS Code:	012087M
	031407J (Honours)

Overview

Students who wish to undertake a major in Psychology along with Arts-based electives can enrol in the Bachelor of Arts (Course Code 708). Students who choose the Bachelor of Arts would normally choose elective subjects outside, from the humanities and social sciences but electives may also be chosen from the General Schedule.

Entry Requirements / Assumed Knowledge

Domestic school leavers are assumed to have completed at least 2 units of English at HSC level.

International students are required to have achieved an overall IELTS score of 6.5, with a level of 6.0 in all bands of reading, writing, speaking and listening.

Alternative entry pathways exist for mature age domestic students.

Course Requirements

The Bachelor of Arts (Course Code 708) requires the successful completion of 144 credit points of subjects in accordance with the table under each major.

Elective subjects can be chosen from Health and Behavioural Sciences, Arts, or the General Schedule.

Subjects to a value of at least 90 credit points must be selected from the Health and Behavioural Sciences or the Arts schedules. The subjects completed for the Psychology major count toward this 90 credit point requirement.

Students may undertake no more than 60 credit points of 100-level subjects.

Major Study Areas

- Psychology

Minor Study Areas

- Psychology

Non-psychology students can complete a minor study in Psychology. A minor in Psychology will consist of at least 30 credit points in subjects with the prefix 'PSYC' from the course structure of the Bachelor of Psychology degree, and must include PSYC121, PSYC122, PSYC123 and any two of PSYC231 or PSYC234 or PSYC236 or PSYC241 or PSYC251. Subjects in the minor may not be cross counted towards any other minor or major study.

Minor studies are also offered in:

- Indigenous Health Studies (See Bachelor of Health Science in Indigenous Health Studies page in this handbook for further information)
- Introduction to Public Health (See Bachelor of Public Health page in this handbook for further information)

English Language and Linguistics Elective Subjects

A number of English Language and Linguistic (ELL) subjects are offered in both Autumn and Spring sessions for both English-Speaking Background students and Non-English Speaking Background students.

Honours

An Honours degree is awarded for one additional year of study following the successful completion of a three-year degree with superior performance throughout the degree. To qualify for the award of Bachelor of Arts Honours a candidate must satisfy the Honours rules under Section 8 of the General Course Rules. The Honours grade will be calculated in accordance with Method 1.

Other Information

Other information is available at http://coursefinder.uow.edu.au/

Psychology

Psychology is the scientific study of human behaviour and experience, the physiological, sensory and cognitive processes that underlie it, and the profession that applies this knowledge to practical problems. Psychologists help us to understand who we are and how we think, feel, act and change. They aim to help people function better, and to prevent ill-health and other problems developing. Psychologists' clients include children, adults, couples, families and organisations.

Entry Requirements / Assumed Knowledge

Domestic school leavers are assumed to have completed at least 2 units of English at HSC level.

International students are required to have achieved a minimum IELTS score of 6.5 with at least 6.0 in reading, writing, listening and speaking.

Alternative pathways exist for mature age domestic students.

Major Study

The Bachelor of Arts (Psychology) (UOW Course Code 708) requires the successful completion of 144 credit points of subjects in accordance with the table below, which incorporates the 72 credit points of Psychology subjects required to achieve a major in Psychology.

Elective subjects to the value of 72 credit points are chosen from the Health and Behavioural Sciences, Arts, or the General Schedule. Students should refer to the Award Rules for the Bachelor of Arts (Course Code 708) for further details.

Double majors are not available in Course 708 Bachelor of Arts.

Subject Code	Subject Name	Session	Credit Points
PSYC121	Foundations in Psychology A	Autumn	6
PSYC122	Foundations in Psychology B	Spring	6
PSYC123	Theory, Design and Statistics in Psychology	Spring	6
PSYC234	Biological Psychology and Learning	Autumn	6
PSYC231	Personality	Spring	6
PSYC250	Quantitative Methods	Autumn	6
PSYC241	Developmental and Social Psychology	Spring	6
PSYC236	Cognition and Perception	Spring	6
PSYC347	Assessment and Intervention	Autumn	8
And 16 credit points of electives, which must include at least one of the following:			
PSYC345	Advanced Topics in Cognition	Autumn	8
PSYC349	Visual Perception	Spring	8
PSYC352	Psychophysiology	Spring	8
And may also include:			
PSYC348	History and Metatheory of Psychology	Spring	8
PSYC350	Social Behaviour and Individual Differences	Autumn	8
PSYC354	Design and Analysis	Spring	8
PSYC355	Forensic Psychology	Autumn	8
Plus a further 72 credit points of elective subjects which may include PSYC116. Students intending to apply for Honours should note the requirements below for particular subjects when making elective choices.			72

Honours

Honours in Psychology is a fourth year of study accredited by the Australian Psychology Accreditation Council (APAC). It is offered on a one year full-time or two year part-time basis. Psychology Honours is a route to the Postgraduate coursework or research degrees in Psychology. It is also a partial qualification for registration as

a Psychologist with the Psychology Board of Australia, a post-degree supervision period also being required. Graduates of the University of Wollongong with a major in Psychology are eligible to apply for admission to Psychology Honours provided that: they have completed an undergraduate degree curriculum with a major in psychology; they have completed PSYC251 Psychology of Abnormality, PSYC348 History and Metatheory of Psychology, and PSYC354 Design and Analysis; they have completed at least 76 credit points of Psychology subjects at 200- and 300- levels; they have at least a credit average for Psychology subjects at 200- and 300- levels. For the purposes of assessing eligibility for entry to the Honours program, the School uses the weighted average mark (WAM) of the best 11 subjects from successfully completed 200- and 300- level Psychology subjects, including PSYC354 Design and Analysis and PSYC348 History and Metatheory in Psychology (or their equivalent).

Professional Recognition

Completion of four years in Psychology is an important first step for registration as a psychologist in Australia. The Bachelor of Arts (Psychology) is accredited as the first three years of study. To complete the four years students must complete an accredited add-on Honours year or an accredited Postgraduate Diploma in Psychology* to meet the academic requirement for conditional registration as a psychologist in NSW. An additional two years of supervised practice is necessary to apply for registration as a professional psychologist with the Psychology Board of Australia. This can be through two years supervised practice in the community or a fifth year at University plus one year of supervised practice in the community. Accreditation with the Australian Psychology Accreditation Council (APAC), the national professional association, requires 6 years of approved academic study.

** The Postgraduate Diploma in Psychology is not offered at the University of Wollongong.*

Contact Information

For further information please contact your Course Advisor at http://www.uow.edu.au/health/hbs_central/UOW024550.html

Bachelor of Arts - Bachelor of Commerce

Testamur Title:	Bachelor of Arts - Bachelor of Commerce
Abbreviation:	BA-BCom
My University:	Asia Pacific, Australian Studies, Comparative Indigenous Studies; Culture and Identities, English Literatures, English Language & Linguistics, Ethics, Gender Studies, Global Media, History, Human Security, International Relations, Languages, Masculinities, Peace keeping, Philosophy, Politics, Postcolonial, Resource & Environmental, Sociology, Science & Technology, Transcultural Communication Commerce, Accountancy, Business Innovation, Business Law, Economics, Finance, Financial Planning, Human Resource Management, International Business, International Economics, Management, Marketing, Public Relations, Quantitative Analysis in Economics, Supply Chain Management
Duration:	4.5 years full-time or part-time equivalent
Total Credit Points:	216
Delivery Mode:	On campus (Face-to-face)
Starting Session(s):	Autumn/Spring*
Location:	Wollongong
UOW Course Code:	703
UAC Code:	751301
CRICOS Code:	012086A

**Students eligible for Credit Transfer may begin in Summer Session if appropriate subjects are available*

Overview

This double degree program enables students to combine a major from the Bachelor of Arts and a major (including the core subjects) from the Bachelor of Commerce. The choice of majors by students can reflect future employment or simply interest. Students have taken majors in Politics and Economics, Sociology and Human Resource Management, even Accounting and History. The requirements for majors offered by the Faculty are set out in this Handbook. The requirements for majors offered as part of the Bachelor of Commerce can be found in the Commerce Handbook or the University Handbook.

Entry Requirements/Assumed Knowledge

NSW entry through UAC: Students apply through UAC and satisfy the ATAR requirements for the year of application or conditions set down for early entry. Assumed knowledge: any two units of English.

Other Secondary Qualifications: Students with secondary qualifications outside NSW and the ACT will be considered on a case-by-case basis.

Tertiary Qualifications: A completed Diploma or Advanced Diploma from TAFE or other accredited institutions; not less than one-sixth of a Bachelor degree from an approved university; other tertiary courses approved by the University of Wollongong.

Overseas Qualifications: Students with overseas tertiary qualifications will be considered provided they satisfy the University's minimum admission requirements.

Alternative Entry (Domestic applicants): TAFE Tertiary Preparation Certificate; Diploma or Foundation Studies Program from a recognised private institution; University Access Program (Wollongong (Wollongong College Australia) for people 21 and over; STAT test for students over 20 on 1 March in year preceding enrolment; UAP for students over 21 years of age; Aboriginal and Torres Strait Islander alternative entry program.

Course Requirements

To qualify for award of the double degree of Bachelor of Arts/Bachelor of Commerce course code 703 a student must complete a total of at least 216 credit points.

The 216 credit points shall include:

a) For the Bachelor of Commerce component, students must complete 54 credit points of core subjects (including the capstone subject), plus a 48 credit point major (of this 48 credit point major at least 18 credit points must be at 300-level);

b) A minimum of 90 credit points from subjects offered by member units in the Faculty which includes:

at least one of the majors listed in the Bachelor of Arts

AND

subjects that are not already counted towards the requirements of the Bachelor of Commerce;

d) To complete the credit points required for the double degree, students can take elective subjects offered by any Faculty.

e) Not more than 90 credit points in 100-level subjects.

f) ARTS100 Peer-2-Peer Mentoring.

Peer-2-Peer Mentoring

Peer-2-Peer Mentoring (subject code ARTS100) is a compulsory zero credit point subject that must be undertaken by each student during their first year. This subject consists of a one hour weekly tutorial during the student's first session of study. This subject is designed to enable incoming students to adapt rapidly to the tertiary environment and engage with the university community.

Students can find information at www.uow.edu.au/arts/current/artscentral/UOW087916.html

Majors in the Bachelor of Arts

All Arts majors and their requirements are listed under the Bachelor of Arts entry.

Majors in the Bachelor of Commerce

For details of the majors please refer to the Bachelor of Commerce entry.

Minor Study

Students can take Minors as part of their double degree program provided they meet the requirements set. Minor studies consist of a minimum of 28 credit points of which no more than 12 credit points at 100 level can be counted. Students may not cross count subjects from a nominated minor into any other minor or major. Minors do not appear on the testamur but do appear on the transcript (i.e. academic record).

Where a minor is taken from outside of the Faculty, refer to the requirements prescribed for that minor.

Credit Arrangements

Please see General Course Rules for more Information.

Assessment

Assessment in this course varies between subjects and typically includes a combination of essays, tutorial/seminar presentations, WebCT exercises and, in some subjects, in-class tests and/or exams. Some subjects may have an additional practical component. The assessment requirements of each subject are set out in the individual subject outlines, which students receive in the first week of session.

Honours

Students can do an Honours degree in either the Bachelor of Arts or the Bachelor of Commerce. This requires additional study (one year full-time, or two years part-time).

Honours may be undertaken by students who meet the requirements for enrolment.

Students should consult the single degree entries for Honours requirements. The Honours Handbook can be accessed as a PDF document.

Bachelor of Arts - Bachelor of Commerce

Testamur Title:	Bachelor of Arts (Psychology) - Bachelor of Commerce
Abbreviation:	BA-BCom
My University:	Psychology, International Studies, Commerce, Accountancy, Business Innovation, Business Law, Economics, Finance, Financial Planning, Human Resource Management, International Business, International Economics, Management, Marketing, Public Relations, Quantitative Analysis in Economics, Supply Chain Management
Duration:	4.5 years full-time or part-time equivalent
Total Credit Points:	216*
Delivery Mode:	On-campus
Starting Session(s):	Autumn
Location:	Wollongong
UOW Course Code:	703_1
UAC Code:	751301
CRICOS Code:	012086A

** This is a minimum figure and the total credit points actually required may be higher, depending on requirements for the Commerce major chosen.*

Overview

Bachelor of Arts (Psychology) - Bachelor of Commerce double degree provides opportunities for students to combine their interest in psychology with business or commerce.

Entry Requirements / Assumed Knowledge

Domestic school leavers are assumed to have completed at least 2 units of English at HSC level. English (Advanced) is recommended.

International students are required to have achieved an overall IELTS score of 6.5, with a minimum level of 6.0 in all bands of reading and writing, speaking and listening.

Alternative pathways exist for mature age domestic students.

Course Requirements

The Bachelor of Arts (Psychology) - Bachelor of Commerce requires the successful completion of a minimum of 216 credit points in accordance with the details below:

a) 72 credit points of Psychology subjects in accordance with table below

b) 18 credit points of subjects from the Health & Behavioural Sciences or Arts Schedule

c) For the Bachelor of Commerce component, students must complete 48 credit points of core subjects (including the capstone subject), plus a 48 credit point major

d) 30 credit points of subjects, either as specified in order to fulfil a heavily prescribed major OR as electives chosen from Commerce, Health & Behavioural Sciences, Arts or General Schedule.

Note that students in the double degree are not required to take COMM121 Statistics for Business, which is normally a common core subject for students in the Bachelor of Commerce single degree. PSYC123 Theory, Design and Statistics in Psychology meets the requirement for a first year statistics subject and remains as a core requirement for the double degree. Students must apply for credit for COMM121 from the relevant Sub Dean to be formally recognised as having met this requirement for the Bachelor of Commerce.

Students intending to undertake the Commerce major in Financial Planning should note that it may take more than five years to complete the degree due to the heavily prescribed structure of this major. Students are advised to contact the relevant Sub-Dean prior to deciding to undertake the major in Financial Planning.

Subject Code	Subject Name	Session	Credit Points
Year 1			
PSYC121	Foundations of Psychology A	Autumn	6
PSYC122	Foundations of Psychology B	Spring	6
PSYC123	Theory, Design and Statistics in Psychology	Spring	6
ACCY111	Accounting Fundamentals in Society*	Autumn or Spring	6
COMM101	Principles of Responsible Commerce*	Autumn or Spring	6
ECON101	Macroeconomic Essentials for Business*	Autumn or Spring	6
FIN111	Introductory Principles of Finance*	Autumn or Spring	6
MGMT110	Introduction to Management*	Autumn or Spring	6
Year 2			
PSYC234	Biological Psychology and Learning	Autumn	6
PSYC241	Developmental and Social Psychology	Spring	6
PSYC250	Quantitative Methods in Psychology	Autumn	6
PSYC236	Cognition and Perception	Spring	6
PSYC231	Personality	Spring	6
MARK101	Marketing Principles*	Autumn or Spring	6
Choose one of the four following core subjects in accordance with requirements for the Commerce major chosen :			
MGMT102	Business Communications*	Autumn or Spring	6
ECON111	Introductory Microeconomics*	Autumn or Spring	6
ACCY112	Accounting in Organisations*	Spring	6
COMM113	Business Oriented Information Systems*	Spring	6
6cp of Commerce subjects in accordance with the requirements for the Commerce major chosen		Autumn or Spring	6
Year 3			
PSYC347	Assessment and Intervention	Autumn	8
Choose one of the following four capstone subjects:			
COMM331	Simulation of a Socially Innovative Enterprise	Autumn or Spring	6
COMM333	Applied Business Research for Social Innovation	Autumn	6
COMM332	Start up Plan of a Socially Innovative Business	Spring	6
COMM334	Intercultural Applications of Socially Innovative Commerce	Autumn	6
16cp of Psychology elective subjects at 300-level (refer to the BA(Psychology) single degree for subject choices)		Autumn or Spring	16
12cp of Commerce subjects in accordance with the requirements for the Commerce major chosen		Autumn or Spring	12
Year 4			
30cp of Commerce subjects as required for the Commerce major chosen		Autumn or Spring	30
18cp of elective subjects chosen from Health & Behavioural Sciences or Arts		Spring	18
Year 5			
24cp of subjects, either as specified in order to fulfil a heavily prescribed major OR as electives chosen from Commerce, Health & Behavioural Sciences or Arts		Autumn	24

** These subjects form the common core subjects for the Bachelor of Commerce. They do not need to be taken in the order specified above; however students should seek academic advice when deciding how to sequence their core subjects.*

Honours

Honours in Psychology, is the fourth year of study accredited by the Australian Psychology Accreditation Council (APAC). It is offered on a one year full-time or two year part-time basis. Psychology Honours is a route to the Postgraduate coursework or research degrees in Psychology. It is also a partial qualification for registration as a Psychologist with the Psychology Board of Australia, a post-degree supervision period also being required. Graduates of the University of Wollongong with a major in Psychology are eligible to apply for admission to Psychology Honours provided that: they have completed an undergraduate degree curriculum with a major in psychology; they have completed PSYC251 Psychology of Abnormality, PSYC348 History and Metatheory of Psychology and PSYC354 Design and Analysis; they have completed at least 76 credit points of Psychology subjects

at 200 and 300 levels; they have at least a credit average for Psychology subjects at 200 and 300 levels. For the purposes of assessing eligibility for entry to the Honours program, the School uses the weighted average mark (WAM) of the best 11 subjects from successfully completed 200- and 300- level Psychology subjects, including PSYC354 Design and Analysis and PSYC348 History and Metatheory in Psychology (or their equivalent).

Students interested in pursuing Honours in Commerce should consult the relevant Faculty for further information.

Contact Information

Psychology

For further information please contact your Course Advisor at http://www.uow.edu.au/health/hbs_central/UOW024550.html

Commerce

+61 2 4221 4478

commerce-enquiries@uow.edu.au

Bachelor of Arts - Bachelor of Communication and Media Studies

Testamur Title:	Bachelor of Arts - Bachelor of Communication and Media Studies
Abbreviation:	BA-BCMS
My University:	Asia Pacific, Australian Studies, Comparative Indigenous Studies; Culture and Identities, Digital Media and Communication, English Literatures, English Language & Linguistics, Ethics, Gender Studies, Global Media, History, Human Security, International Media and Communication, Journalism and Professional Writing, Languages, Management, Marketing Communication and Advertising, Masculinities, Peace keeping, Philosophy, Politics, Postcolonial, Public Relations, Resource & Environmental, Sociology, Science & Technology, Transcultural Communication
Duration:	4.5 years full-time or part-time equivalent
Total Credit Points:	216
Delivery Mode:	On campus (Face-to-face)
Starting Session(s):	Autumn/Spring*
Location:	Wollongong
UOW Course Code:	794
UAC Code:	751350
CRICOS Code:	049640G

**Students eligible for Credit Transfer may begin in Summer Session if appropriate subjects are available*

Overview

This double degree program enables students to combine the prescribed core and at least one major in the Bachelor of Communication Media Studies with a wider range of subjects, including one or more majors from the Bachelor of Arts. This is a particularly good combination for students who wish to enhance their employment opportunities with both a major program of study—in a second language, for example—and a broad selection of subjects from the Humanities and Social Sciences. Students have combined majors in Digital Communication with English Literatures, or Journalism with Politics. Students in this degree combination also have more room to add both a major and a minor program of study from the Faculty, as well as additional subjects from Arts or another Faculty. Students taking advantage of this could major in Marketing Communication and Advertising but add a major in French and some general subjects in the environmental sciences. These are excellent pathways for students seeking to work in an international context.

Entry Requirements/Assumed Knowledge

NSW entry through UAC: Students apply through UAC and satisfy the ATAR requirements for the year of application or conditions set down for early entry. Assumed knowledge: any two units of English.

Other Secondary Qualifications: Students with secondary qualifications outside NSW and the ACT will be considered on a case-by-case basis.

Tertiary Qualifications: A completed Diploma or Advanced Diploma from TAFE or other accredited institutions; not less than one-sixth of a Bachelor degree from an approved university; other tertiary courses approved by the University of Wollongong.

Overseas Qualifications: Students with overseas tertiary qualifications will be considered provided they satisfy the University's minimum admission requirements.

Alternative Entry (Domestic applicants): TAFE Tertiary Preparation Certificate; Diploma or Foundation Studies Program from a recognised private institution; University Access Program (Wollongong (Wollongong College Australia) for people 21 and over; STAT test for students over 20 on 1 March in year preceding enrolment; UAP for students over 21 years of age; Aboriginal and Torres Strait Islander alternative entry program.

Course Requirements

To qualify for award of the double degree of Bachelor of Arts/Bachelor of Communication and Media Studies course code 794 a student must complete a total of at least 216 credit points.

The 216 credit points shall include:

a) The core subjects prescribed (48 credit points) from the BCMS;

b) At least one of the four majors from the BCMS degree: Digital Media and Communication, International Media and Communication, Journalism and Professional Writing, Marketing Communication and Advertising;

c) A minimum of 90 credit points from subjects offered by member units of the Faculty which includes:

at least one of the majors listed in the Bachelor of Arts

AND

subjects that are not already counted towards the requirements of the BCMS;

d) To complete the credit points required for the double degree, students can take elective subjects offered by the Faculty or other faculties.

e) Not more than 90 credit points in 100-level subjects.

f) ARTS100 Peer-2-Peer Mentoring.

Peer-2-Peer Mentoring

Peer-2-Peer Mentoring (subject code ARTS100) is a compulsory zero credit point subject that must be undertaken by each student during their first year. This subject consists of a one hour weekly tutorial during the student's first session of study. This subject is designed to enable incoming students to adapt rapidly to the tertiary environment and engage with the university community.

Students can find information at www.uow.edu.au/arts/current/artscentral/UOW087916.html

Majors in the Bachelor of Communication and Media Studies

For details of the majors please refer to the Bachelor of Communication and Media Studies (single degree entry).

Majors in the Bachelor of Arts

All Arts majors and their requirements are listed under the Bachelor of Arts entry.

Minor Study

Students can take Minors as part of their double degree program provided they meet the requirements set. Minor studies consist of a minimum of 28 credit points of which no more than 12 credit points at 100 level can be counted. Students may not cross count subjects from a nominated minor into any other minor or major. Minors do not appear on the testamur but do appear on the transcript (i.e. academic record).

Where a minor is taken from outside of an Arts degree, refer to the requirements prescribed for that minor.

Credit Arrangements

Please see General Course Rules for more Information.

Assessment

Assessment in this course varies between subjects and typically includes a combination of essays, tutorial/seminar presentations, WebCT exercises and, in some subjects, in-class tests and/or exams. Some subjects may have an additional practical component. The assessment requirements of each subject are set out in the individual subject outlines, which students receive in the first week of session.

Honours

Students can do an Honours degree in either the Bachelor of Arts or the Bachelor of Communication and Media Studies. This requires additional study (one year full-time, or two years part-time).

Honours may be undertaken by students who meet the requirements for enrolment.

Students should consult the single degree entries for Honours requirements. The Honours Handbook can be accessed as a PDF document.

Other Information

Further information is available at http://coursefinder.uow.edu.au/ or email: fac-arts@uow.edu.au

Bachelor of Arts - Bachelor of Communication and Media Studies (Dean's Scholar)

Testamur Title:	Bachelor of Arts - Bachelor of Communication & Media Studies (Dean Scholar)
Abbreviation:	BA-BCMS (Dean's Schol)
My University:	Asia Pacific, Australian Studies, Comparative Indigenous Studies; Culture and Identities, Digital Media and Communication, English Literatures, English Language & Linguistics, Ethics, Gender Studies, Global Media, History, Human Security, International Media and Communication, Journalism and Professional Writing, Languages, Management, Marketing Communication and Advertising, Masculinities, Peace keeping, Philosophy, Politics, Postcolonial, Public Relations, Resource & Environmental, Sociology, Science & Technology, Transcultural Communication
Duration:	4.5 years full-time or part-time equivalent
Total Credit Points:	216
Delivery Mode:	On campus (Face-to-face)
Starting Session(s):	Autumn/Spring
Location:	Wollongong
UOW Course Code:	794_2
UAC Code:	751360
CRICOS Code:	TBA

Overview

The Dean's Scholar degree provides an academic space for high-achieving single degree Arts students. With a limited intake of students per year, it aims to provide an enriched educational experience for high-achieving, motivated Arts students who are hoping to make a contribution to their field of study through teaching or research, or by working as professionals in their chosen area of study.

This double degree program enables students to combine the prescribed core and at least one major in the Bachelor of Communication Media Studies with a wider range of subjects, including one or more majors from the Bachelor of Arts. This is a particularly good combination for students who wish to enhance their employment opportunities with both a major program of study—in a second language, for example—and a broad selection of subjects from the Humanities and Social Sciences. Students have combined majors in Digital Communication with English Literatures, or Journalism with Politics. Students in this degree combination also have more room to add both a major and a minor program of study from the Faculty of Arts, as well as additional subjects from Arts or another Faculty. Students taking advantage of this could major in Marketing Communication and Advertising but add a major in French and some general subjects in the environmental sciences. These are excellent pathways for students seeking to work in an international context.

Dean's Scholars have the opportunity to attempt subjects not normally available to first-year students. They may be granted exemption from certain first-year subjects and may be permitted extended subject loads, enabling them to complete the degree in less than the normal time and enter Honours in their third year. Each Dean's Scholar has an academic mentor, a member of academic staff who undertakes to offer advice in the scholar's major area of study.

The Dean's Scholar degree is not a scholarship. Students intending to apply for a place in this degree are encouraged to apply for the University's Undergraduate, Residential, Foundation or Equity and Merit Scholarships.

Dean's Scholar students benefit from:

- Access to shared study and workspace;
- Yearly text book/resource allowance for full-time students;
- Limited printing privileges;
- Dean's Scholars lunch time seminar series (seminars are conducted by high profile academic staff as well as visiting fellows);
- Opportunities to attend academic and higher degree research workshops and seminars;
- End of year Dean's Scholars Annual Dinner;
- Extended Library privileges

The Sub Deans of the Faculty of Arts oversee the program and have regular meetings with the scholars. Dean's Scholars are assigned an academic mentor – a member of academic staff who nominates to advise the student on matters concerned with the degree. On successful completion of the first part of the course, Dean's Scholars will be guaranteed admission to Honours.

To remain in the program, Dean's Scholars must maintain an average of 75% in each year of study. If the student's average falls below 75%, the student will be transferred into the BA/BCMS (794).

Dean's Scholars are able to use the University's student exchange program to undertake a period of study overseas. Several Dean's Scholars have competed successfully for places in the Australian National Internship Program or the University Capitol Washington Internship Program which places students in political offices in Canberra or Washington D.C. respectively.

Entry requirements

Entry to the Bachelor of Arts/Bachelor of Communication and Media Studies (Dean's Scholar) is based on an ATAR set by the Faculty as well as an interview.

Course Requirements

To qualify for award of the double degree of Bachelor of Arts/Bachelor of Communication and Media Studies (Dean's Scholar) course code 794_2 a student must complete a total of at least 216 credit points.

The 216 credit points shall include:

- The core subjects prescribed (48 credit points) from the BCMS;
- At least one of the four majors from the BCMS degree: Digital Media and Communication, International Media and Communication, Journalism and Professional Writing, Marketing Communication and Advertising;
- A minimum of 90 credit points from subjects offered by member units of the Faculty of Arts which includes:
  - at least one of the majors listed in the Bachelor of Arts
  - AND
  - subjects that are not already counted towards the requirements of the BCMS;
  - To complete the credit points required for the double degree, students can take elective subjects offered by the Faculty of Arts or other faculties.
  - Not more than 90 credit points in 100-level subjects.
  - ARTS100 Peer-2-Peer Mentoring.

Peer-2-Peer Mentoring

Peer-2-Peer Mentoring (subject code ARTS100) is a compulsory zero credit point subject that must be undertaken by each student during their first year. This subject consists of a one hour weekly tutorial during the student's first session of study. This subject is designed to enable incoming students to adapt rapidly to the tertiary environment and engage with the university community.

Students can find information at www.uow.edu.au/arts/current/artscentral/UOW087916.html

Majors in the Bachelor of Arts

All Arts majors and their requirements are listed under the Bachelor of Arts entry.

Majors in the Bachelor of Communication and Media Studies

For details of the majors please refer to the Bachelor of Communication and Media Studies (single degree entry).

Minor Study

Students can take Minors as part of their double degree program provided they meet the requirements set. Minor studies consist of a minimum of 28 credit points of which no more than 12 credit points at 100 level can be counted. Students may not cross count subjects from a nominated minor into any other minor or major. Minors do not appear on the testamur but do appear on the transcript (i.e. academic record).

Where a minor is taken from outside of an Arts Faculty degree, refer to the requirements prescribed for that minor.

Internship and International Subjects

The Arts Faculty internship program provides students with an opportunity to apply the knowledge and skills acquired in their degree in a workplace setting. The internship subject ARTS301 is offered in autumn and spring sessions, all Arts students can enrol into ARTS301 providing they meet the pre-requisites. Another popular internship facilitated by the Faculty of Arts is the Politics Internships. The Politics internship subject POL 301 presents interested students with the opportunity to be an intern at Washington, New York or Canberra. Read more about the Arts Faculty Internship Program on our website www.uow.edu.au/arts/current/internships/index.html

One of the Faculty's aims is to encourage students to study in an overseas university. Students can study abroad for a full session taking three to four subjects, or can study abroad for a shorter period of time by taking a study tour.

The Faculty's study tour subjects currently focus on War History and incorporate visits to Gallipoli and the Western Front. Both subjects are listed below:

ARTS 201	Introduction to Australia for International Students	N/O 2013
ARTS 202	International Studies	N/O 2013
ARTS 301	Arts Internship	Autumn / Spring
HIST 265	Gallipoli Study Tour	N/O 2013
HIST 270	Western Front Study Tour	Winter
POL 301	Politics Internship (for students taking the Australian National Internship Program or Washington Internship)	Autumn / Spring

Honours

Students can do an Honours degree in either the Bachelor of Arts or the Bachelor of Communication and Media Studies. This requires additional study (one year full-time, or two years part-time).

Honours may be undertaken by students who meet the requirements for enrolment.

Students should consult the single degree entries for Honours requirements. The Faculty of Arts Honours Handbook can be accessed as a PDF document.

Transfer option into the BA/BCMS Dean's Scholars Double Degree (794_2)

In November of each year, the Faculty of Arts invites applications from high achieving students to apply to transfer into the BA/BCMS Dean's Scholars Double Degree.

Selection Criteria

To be eligible to apply for a place in the BA/BCMS Dean's Scholars Double Degree (code 794A), applicants would normally meet the following criteria:

- Currently enrolled in the BA 702 or BCMS 798 or BA/BCMS 794 any other degree;
- Full-time student;
- Have successfully completed two full sessions of study or 8 subjects;
- Have a WAM (weighted average mark) of at least 80.

For more information including the full list of Dean's Scholar degrees and to how to apply online visit: http://www.uow.edu.au/arts/current/transferdeanscholar/index.html.

Credit Arrangements

Please see General Course Rules for more information.

Assessment

Assessment in this course varies between subjects and typically includes a combination of essays, tutorial/seminar presentations, WebCT exercises and, in some subjects, in-class tests and/or exams. Some subjects may have an additional practical component. The assessment requirements of each subject are set out in the individual subject outlines, which students receive in the first week of session.

Other Information

Further information is available at http://coursefinder.uow.edu.au/ or email: Arts - fac-arts@uow.edu.au

Bachelor of Arts – Bachelor of Economics and Finance

Testamur Title:	Bachelor of Arts – Bachelor of Economics and Finance
Abbreviation:	BA-BEconFin
My University:	Asia Pacific, Australian Studies, Comparative Indigenous Studies; Culture and Identities, English Literatures, English Language & Linguistics, Ethics, Gender Studies, Global Media, History, Human Security, International Relations, Languages, Masculinities, Peace keeping, Philosophy, Politics, Postcolonial, Resource & Environmental, Sociology, Science & Technology, Transcultural Communication
Duration:	4.5 years full-time or part-time equivalent
Total Credit Points:	210
Delivery Mode:	On campus (Face-to-face)
Starting Session(s):	Autumn/Spring*
Location:	Wollongong
UOW Course Code:	330
UAC Code:	751306
CRICOS Code:	tba

**Students eligible for Credit Transfer may begin in Summer Session if appropriate subjects are available*

Overview

This double degree program enables students to combine a major from the Bachelor of Arts and a major (including the core subjects) from the Bachelor of Economics and Finance. The choice of majors by students can reflect future employment or simply interest. Students have taken majors in Politics and Economics, Sociology and Human Resource Management, even Accounting and History.

Entry Requirements/Assumed Knowledge

NSW entry through UAC: Students apply through UAC and satisfy the ATAR requirements for the year of application or conditions set down for early entry. Assumed knowledge: any two units of English.

Other Secondary Qualifications: Students with secondary qualifications outside NSW and the ACT will be considered on a case-by-case basis.

Tertiary Qualifications: A completed Diploma or Advanced Diploma from TAFE or other accredited institutions; not less than one-sixth of a Bachelor degree from an approved university; other tertiary courses approved by the University of Wollongong.

Overseas Qualifications: Students with overseas tertiary qualifications will be considered provided they satisfy the University's minimum admission requirements.

Alternative Entry (Domestic applicants): TAFE Tertiary Preparation Certificate; Diploma or Foundation Studies Program from a recognised private institution; University Access Program (Wollongong (Wollongong College Australia) for people 21 and over; STAT test for students over 20 on 1 March in year preceding enrolment; UAP for students over 21 years of age; Aboriginal and Torres Strait Islander alternative entry program.

Course Requirements

To qualify for award of the double degree of Bachelor of Arts/Bachelor of Economics and Finance course code 330 a student must complete a total of at least 210 credit points.

The 210 credit points shall include:

a) For the Bachelor of Economics and Finance component, students must complete 54 credit points of core subjects (including the capstone subject), plus a 48 credit point major (of this 48 credit point major at least 18 credit points must be at 300-level);

b) A minimum of 90 credit points from subjects offered by member units of the Faculty which includes:

at least one of the majors listed in the Bachelor of Arts

AND

subjects that are not already counted towards the requirements of the Bachelor of Economics & Finance;

d) To complete the credit points required for the double degree, students can take elective subjects offered by the Faculty or other faculties.

e) Not more than 90 credit points in 100-level subjects.

f) ARTS100 Peer-2-Peer Mentoring.

Peer-2-Peer Mentoring

Peer-2-Peer Mentoring (subject code ARTS100) is a compulsory zero credit point subject that must be undertaken by each student during their first year. This subject consists of a one hour weekly tutorial during the student's first session of study. This subject is designed to enable incoming students to adapt rapidly to the tertiary environment and engage with the university community.

Students can find information at www.uow.edu.au/arts/current/artscentral/UOW087916.html

Majors in the Bachelor of Arts

All Arts majors and their requirements are listed under the Bachelor of Arts entry.

Majors in the Bachelor of Economics and Finance

For details of the majors please refer to the Bachelor of Economics and Finance entry.

Minor Study

Students can take Minors as part of their double degree program provided they meet the requirements set. Minor studies consist of a minimum of 28 credit points of which no more than 12 credit points at 100 level can be counted. Students may not cross count subjects from a nominated minor into any other minor or major. Minors do not appear on the testamur but do appear on the transcript (i.e. academic record).

Where a minor is taken from outside of an Arts degree, refer to the requirements prescribed for that minor.

Credit Arrangements

Please see General Course Rules for more Information.

Assessment

Assessment in this course varies between subjects and typically includes a combination of essays, tutorial/seminar presentations, WebCT exercises and, in some subjects, in-class tests and/or exams. Some subjects may have an additional practical component. The assessment requirements of each subject are set out in the individual subject outlines, which students receive in the first week of session.

Honours

Students can do an Honours degree in either the Bachelor of Arts or the Bachelor of Economics and Finance. This requires additional study (one year full-time, or two years part-time).

Honours may be undertaken by students who meet the requirements for enrolment.

Students should consult the single degree entries for Honours requirements. The Honours Handbook can be accessed as a PDF document.

Other Information

Further information is available at http://coursefinder.uow.edu.au/ or email: fac-arts@uow.edu.au

Bachelor of Arts – Bachelor of International Studies

Testamur Title:	Bachelor of Arts - Bachelor of International Studies
Abbreviation:	BA-BIntlSt
My University:	Asia Pacific Studies, Australian Studies, Comparative Indigenous Studies; Culture and Identities, English Literatures, English Language & Linguistics, Ethics, French, Gender Studies, Global Development and the Environment, History, Human Security, Indonesian, International Communication, International Relations, Italian, Japanese, Mandarin, Peace and Security Studies, Philosophy, Politics, Postcolonial, Resource & Environmental, Science & Technology, Sociology, Spanish, Transcultural Communication
Duration:	4.5 years full-time or part-time equivalent
Total Credit Points:	216
Delivery Mode:	On campus (Face-to-face with online support)
Starting Session(s):	Autumn/Spring
Location:	Wollongong
UOW Course Code:	1818
UAC Code:	751310
CRICOS Code:	069059M

Overview

This double degree program allows students to combine the international focus of the Bachelor of International Studies with the more traditional majors offered by the Bachelor of Arts. Students may take majors offered in the Bachelor of Arts that complement the international focus of the Bachelor of International Studies, take a major that expands their career opportunities or one simply out of interest. Majors offered in the Bachelor of Arts can be found in the University Handbook.

Entry Requirements/Assumed Knowledge

- NSW entry through UAC: Students apply through UAC and satisfy the ATAR requirements for the year of application or conditions set down for early entry. Assumed knowledge: any two units of English.
- Other Secondary Qualifications: Students with secondary qualifications outside NSW and the ACT will be considered on a case-by-case basis.
- Tertiary Qualifications: A completed Diploma or Advanced Diploma from TAFE or other accredited institutions; not less than one-sixth of a Bachelor degree from an approved university; other tertiary courses approved by the University of Wollongong.
- Overseas Qualifications: Students with overseas tertiary qualifications will be considered provided they satisfy the University's minimum admission requirements.
- Alternative Entry (Domestic applicants): TAFE Tertiary Preparation Certificate; Diploma or Foundation Studies Program from a recognised private institution; University Access Program (Wollongong (Wollongong College Australia) for people 21 and over; STAT test for students over 20 on 1 March in year preceding enrolment; UAP for students over 21 years of age; Aboriginal and Torres Strait Islander alternative entry program.

Course Requirements

To qualify for award of the double degree of Bachelor of International Studies/Bachelor of Arts course code 1818 a student must complete a total of at least 216 credit points.

The 216 credit points shall include:

- The core subjects prescribed (52 credit points) for the International Studies degree;
- A minimum of a minor in a language other than English (minimum of 28 credit points; students may elect to take a major in a language);
- At least one of the four minors listed in this degree: Asia Pacific Studies; Global Development and the Environment; International Communication; Peace and Security Studies (minimum of 24 credit points but

no more than 32). These will normally be available in the second and third years of study. Upon graduation minors will appear on the transcript (i.e. academic record).

- A minimum of 90 credit points from subjects offered by member units of the Faculty of Arts which includes:
  - at least one of the majors listed in the Bachelor of Arts
  - AND
  - subjects that are not already counted towards the requirements of the BIS;
  - To complete the credit points required for the double degree, students can take elective subjects offered by the Faculty of Arts or other faculties.
  - Not more than 90 credit points in 100-level subjects.
  - ARTS100 Peer-2-Peer Mentoring.

Peer-2-Peer Mentoring

Peer-2-Peer Mentoring (subject code ARTS100) is a compulsory zero credit point subject that must be undertaken by each student during their first year. This subject consists of a one hour weekly tutorial during the student's first session of study. This subject is designed to enable incoming students to adapt rapidly to the tertiary environment and engage with the university community.

Students can find information at www.uow.edu.au/arts/current/artscentral/UOW087916.html

Core and minors in the Bachelor of International Studies

For details please refer to the Bachelor of International Studies entry.

Majors in the Bachelor of Arts

All Arts majors and their requirements are listed under the Bachelor of Arts entry.

Minor Study

Students can take Minors as part of their double degree program provided they meet the requirements set. Minor studies consist of a minimum of 28 credit points of which no more than 12 credit points at 100 level can be counted. Students may not cross count subjects from a nominated minor into any other minor or major. Minors do not appear on the testamur but do appear on the transcript (i.e. academic record).

Where a minor is taken from outside of an Arts Faculty degree, refer to the requirements prescribed for that minor.

Credit Arrangements

Please see General Course Rules for more Information.

Assessment

Assessment in this course varies between subjects and typically includes a combination of essays, tutorial/seminar presentations, WebCT exercises and, in some subjects, in-class tests and/or exams. Some subjects may have an additional practical component. The assessment requirements of each subject are set out in the individual subject outlines, which students receive in the first week of session.

Honours

Students can do an Honours degree in either the Bachelor of Arts or the Bachelor of International Studies. This requires additional study (one year full-time, or two years part-time).

Honours may be undertaken by students who meet the requirements for enrolment.

Students should consult the single degree entries for Honours requirements. The Faculty of Arts Honours Handbook can be accessed as a PDF document.

Other Information

Further information is available at http://coursefinder.uow.edu.au/ or email: Arts - fac-arts@uow.edu.au

Bachelor of Arts - Bachelor of International Studies (Dean's Scholar)

Testamur Title:	Bachelor of Arts - Bachelor of International Studies (Dean's Scholar)
Abbreviation:	BA (Dean's Schol)
Home Faculty:	Faculty of Arts
Duration:	3 years full-time or part-time equivalent
Total Credit Points:	144
Delivery Mode:	On campus (Face-to-face)
Starting Session(s):	Autumn/Spring
Location:	Wollongong
UOW Course Code:	702_2
UAC Code:	753105
CRICOS Code:	000612E

Overview

The Dean's Scholar degree provides an academic space for high-achieving single degree Arts students. With a limited intake of students per year, it aims to provide an enriched educational experience for high-achieving, motivated Arts students who are hoping to make a contribution to their field of study through teaching or research, or by working as professionals in their chosen area of study.

As a Bachelor of Arts degree, the Dean's Scholar degree is flexible. For example, Dean's Scholars have the opportunity to attempt subjects not normally available to first-year students. They may be granted exemption from certain first-year subjects and may be permitted extended subject loads, enabling them to complete the degree in less than the normal time and enter Honours in their third year. Each Dean's Scholar has an academic mentor, a member of academic staff who undertakes to offer advice in the scholar's major area of study.

The Dean's Scholar degree is not a scholarship. Students intending to apply for a place in this degree are encouraged to apply for the University's Undergraduate, Residential, Foundation or Equity and Merit Scholarships.

Dean's Scholar students benefit from:

- Access to shared study and workspace;
- Yearly text book/resource allowance for full-time students;
- Dean's Scholars fortnightly lunch time seminar series (seminars are conducted by high profile academic staff as well as visiting fellows);
- Opportunities to attend academic and higher degree research workshops and seminars;
- End of year Dean's Scholars Annual Dinner;
- Extended Library privileges.

The Sub Dean of the Faculty of Arts oversees the program and has meetings with the scholars each session. Dean's Scholars are assigned an academic mentor – a member of academic staff who nominates to advise the student on matters concerned with the degree. On successful completion of the first part of the course, Dean's Scholars will be guaranteed admission to Honours.

Dean's Scholars must undertake one major study from the Faculty of Arts and may take any of the minor studies areas as set out earlier in this Handbook under the entry for the Bachelor of Arts 702. To remain in the program, Dean's Scholars must maintain an average of 75% in each year of study. If the student's average falls below 75%, the student will be transferred into the Bachelor of Arts 702.

Dean's Scholars are able to use the University's student exchange program to undertake a period of study overseas. Several Dean's Scholars have competed successfully for places in the Australian National Internship Program or the University Capitol Washington Internship Program which places students in political offices in Canberra or Washington D.C. respectively.

Entry requirements

Entry to the Bachelor of Arts (Dean's Scholar) is based on an ATAR set by the Faculty as well as an interview.

Course Requirements

To qualify for award of the degree of Bachelor of Arts 702A Dean's Scholar a student must complete a total of at least 144 credit points from subjects listed in the Course Structures of the Bachelor of Arts offered by member units of the Faculty of Arts, and other subjects as approved by the Faculty.

The 144 credit points shall include:

a) The subjects prescribed for one of the majors listed in the Course Structures for that degree and offered by member units of the Faculty of Arts;

b) 24 credit points of 300 level subjects within the major must be at a pass grade or better;

c) To complete the credit points required for the degree, students can take a second major, minor or elective subjects offered by the Faculty of Arts or other faculties.

d) Not more than 60 credit points in 100-level subjects;

e) Maintaining an average mark of 75% or better.

f) ARTS100 Peer-2-Peer Mentoring.

Students may count no more than 24 credit points of PC (Pass Conceded) or PR (Pass Restricted) grades towards the 144 required for the degree.

Peer-2-Peer Mentoring

Peer-2-Peer Mentoring (subject code ARTS100) is a compulsory zero credit point subject that must be undertaken by each student during their first year. This subject consists of a one hour tutorial per week in the student's first session of study. This subject is designed to enable incoming students to adapt rapidly to the tertiary environment and engage with the university community.

Students can find information at www.uow.edu.au/arts/current/artscentral/UOW087916.html

Majors and Minors

Students can undertake a double major in their degree. As long as the first major is taken from those offered by the Faculty of Arts, the second major can be taken from Arts, or from any other faculty, provided students meet the requirements for that major. The most common second majors taken outside the Faculty of Arts include Economics, Education, Geography, Legal Studies, Management, Marketing and Psychology. If the two majors have common subjects, students can count one subject twice towards the majors but cannot count the credit points twice towards those required for the degree.

Minor studies consist of a minimum of 28 credit points of which no more than 12 credit points at 100 level can be counted. Students may not cross count subjects from a nominated minor into any other minor or major. Minors do not appear on the testamur but do appear on the transcript (i.e. academic record).

Where a minor is taken from outside of an Arts Faculty degree, refer to the requirements prescribed for that minor.

Major Study Areas from the Faculty of Arts

Students enrolled in the Bachelor of Arts 702A (Dean's Scholar) within the Faculty of Arts must take one of these majors:

- Asia Pacific Studies
- Australian Studies
- Chinese (Mandarin) for Non-Chinese Background Students
- Chinese (Mandarin) for Character Background Students
- Employment Relations
- English Language and Linguistics
- English Literatures
- European Studies
- French
- Gender Studies
- History
- Indigenous Studies
- Italian
- Japanese
- Media and Cultural Studies
- Philosophy
- Politics
- Postcolonial Studies
- Science and Technology Studies
- Sociology
- Spanish
- War and Society

Minor Studies

Students enrolled in the Bachelor of Arts 702A (Dean's Scholar) may choose from the following minors.

- Asia Pacific Studies
- Australian Studies
- Chinese (Mandarin) for Non-Chinese Background Students
- Chinese (Mandarin) for Character Background Students
- Employment Relations
- English Language and Linguistics
- English Literatures
- Environmental Studies
- European Studies
- French
- Gender Studies
- History
- Indigenous Studies
- Indonesian
- Italian
- Japanese
- Media and Cultural Studies
- Philosophy
- Politics
- Postcolonial Studies
- Science and Technology Studies
- Sociology
- Spanish
- War and Society

Internship and International Subjects

One of the Faculty's aims is to encourage students to study in an overseas university. Students can study abroad for a full session taking three to four subjects, or can study abroad for a shorter period of time by taking a study tour. The relevant subjects are listed below and more are being planned for introduction over the next three years.

ARTS201	Introduction to Australia for International Students	N/O 2012
ARTS202	International Studies	N/O 2012
ARTS301	Arts Internship	Autumn/Spring
HIST265	Gallipoli Study Tour	Winter
HIST270	Western Front Study Tour	N/O 2012
POL 301	Politics Internship (for students taking the Australian National Internship Program or Washington Internship)	Autumn/Spring

Honours

See separate entry for the Bachelor of Arts Honours

The Faculty of Arts Honours Handbook can be accessed as a PDF document from the Faculty of Arts home page at: http://www.uow.edu.au/arts/

Transfer option into the BA Dean's Scholar degree (702A)

In January of each year, the Faculty of Arts invites applications from high achieving students to apply to transfer into the Bachelor of Arts Studies Dean's Scholar degree.

Selection Criteria

To be eligible to apply for a place in the Bachelor of Arts Dean's Scholar degree (code 702A), applicants would normally meet the following criteria:

- Currently enrolled in the BA 702 or any other degree;
- Full-time student;
- Have successfully completed two full sessions of study or 8 subjects;
- Have a WAM (weighted average mark) of at least 80.

For more information and to apply online visit: http://www.uow.edu.au/arts/current/transferdeanscholar/index.html.

Credit Arrangements

Please see General Course Rules for more information.

Assessment

Assessment in this course varies between subjects and typically includes a combination of essays, tutorial/seminar presentations, WebCT exercises and, in some subjects, in-class tests and/or exams. Some subjects may have an additional practical component. The assessment requirements of each subject are set out in the individual subject outlines, which students receive in the first week of session.

Other Information

Further information is available at http://coursefinder.uow.edu.au/ or email: Arts - fac-arts@uow.edu.au

Bachelor of Arts - Bachelor of Laws

Testamur Title:	Bachelor of Arts - Bachelor of Laws
Abbreviation:	BA-LLB
My University:	Asia Pacific, Australian Studies, Comparative Indigenous Studies; Culture and Identities, English Literatures, English Language & Linguistics, Ethics, Gender Studies, Global Media, History, Human Security, International Relations, Languages, Masculinities, Peace keeping, Philosophy, Politics, Postcolonial, Resource & Environmental, Sociology, Science & Technology, Transcultural Communication, Psychology, Law, Laws, Legal
Duration:	5 years full-time or part-time equivalent
Total Credit Points:	270*
Delivery Mode:	On-campus
Starting Session(s):	Autumn
Location:	Wollongong
UOW Course Code:	771
	771_2 Psychology Major
UAC Code:	751201
CRICOS Code:	004340C

** This is a minimum figure and may vary depending on major.*

Overview

Students commencing University study directly from school may enrol in a double degree course with the Bachelor of Laws. Study in another academic discipline allows students to recognise how law functions in social, economic, technical, environmental and scientific contexts. The Bachelor of Arts – Bachelor of Laws degree offers a range of choices to those interested in humanities and social sciences and includes modern languages.

For the first year of the double degree, students enrol in subjects as prescribed in the table below. The first year of the LLB must be completed full time, except where approval is given on equity grounds. In the following four years of the degree, students enrol in Law subjects and subjects from the Arts or Health and Behavioural Sciences schedules.

Entry Requirements / Assumed Knowledge

Assumed Knowledge: Any two units of English. Recommended Studies: English Advanced.

Credit Transfer

Students may apply for credit transfer for relevant subjects completed at approved tertiary institutions. Refer to http://www.uow.edu.au/about/policy/UOW058649.html.

Course Requirements

Students who enrol in the Bachelor of Arts - Bachelor of Laws must complete each of the following:

a) all compulsory Law subjects as set out in the relevant Course Program;

b) elective subjects to the value of 40 credit points from the Bachelor of Laws Elective Law Schedule;

c) subjects to the value of at least 90 credit points from the Bachelor of Arts Course Program, the Faculty of Health & Behavioural Sciences Course Program or the General Schedule.

Note:

a) No more than 48 credit points shall be of 100-level subjects.

b) The 90 credit points must include one major study taught by a member unit of the Arts (including Indigenous Studies) OR a major study in Psychology

c) Where subjects have the prefix LAW, the equivalent Bachelor of Laws subjects must be substituted.

Honours

To be eligible for the award of Bachelor of Laws Honours, a candidate must complete the elective LLB313 Legal Research Project as part of the above Course Requirements. The Honours grade will be calculated in accordance with Method 4. Refer to the University's General Course Rules (8.37), for information on the methods of calculating Honours.

As an alternative to the WAM-based Honours system, eligible students may complete an additional year of study towards the award of a Bachelor of Laws Honours by Research degree or the Bachelor of Laws Joint Honours by Research degree.

In order to be eligible for the Bachelor of Laws Honours by Research degree (an 'end-on' full year honours), students must have completed all LLB degree requirements with a WAM calculated by Method 4 of 70% or more. To be eligible for the award of Bachelor of Laws Honours by Research, a candidate must complete LLB448 Research Honours in Law in addition to the above Course Requirements. The Honours grade will be calculated in accordance with Method 1. Refer to the University's General Course Rules (8.37), for information on the methods of calculating Honours. See the Bachelor of Laws Honours by Research degree entry for further details.

In order to be eligible for the Bachelor of Laws Joint Honours by Research degree (an 'end-on' full year honours), students must have completed all requirements for their double degree with a WAM calculated by Method 4 in the University's General Course Rules (8.37) of 70% or more* in their LLB subjects and overall in order to be eligible to apply. Entry must be approved by the Associate Dean in consultation with the LLB Honours Coordinator and the relevant authority in the other discipline. The Associate Dean shall not approve entry into this course unless the LLB Honours Coordinator and the relevant authority in the other discipline have agreed, in consultation with the student, on the program of study that will form the basis of the course curriculum for the degree. See the Bachelor of Laws Joint Honours by Research degree for further details.

** The other faculty may specify other minimum entry requirements.*

To be eligible for the award of Honours in Arts, a candidate must undertake a separate one-year full-time or part-time equivalent degree and must make a separate degree application.

Course Program

Subjects (by year)		Session	Credit Points
First Year			
LLB 100	Foundations of Law A	Autumn	8
LLB 110	Legal Research and Writing	Autumn	4
LLB 120	Law of Contract A	Autumn	8
LLB 130	Criminal Law and Process A	Autumn	8
LLB 150	Communication Skills	Autumn	2
LLB 140	Advocacy Skills	Spring	2
LLB 160	Foundations of Law B	Spring	8
LLB 170	Law of Contracts B	Spring	8
LLB 180	Criminal Law and Process B	Spring	8
LLB 197	Lawyers and Australian Society	Spring	6
Second Year			
LLB 220	Property and Trusts A	Autumn	8
LLB 230	Public Law A	Autumn	8
Subjects from Arts or Health & Behavioural Sciences schedule		Autumn	
LLB 270	Property and Trusts B	Spring	8
LLB 280	Public Law B	Spring	8
Subjects from Arts or Health & Behavioural Sciences schedule		Spring	
Third Year			
LLB 240	Law of Torts	Autumn	8
LLB 260	Dispute Management Skills	Autumn	2
Subjects from Arts or Health & Behavioural Sciences schedule		Autumn	
LLB 250	Drafting Skills	Spring	2
LLB 290	Legal Theory	Spring	8
LLB 397	Legal Internship	Autumn/Spring	2
Subjects from Arts or Health & Behavioural Sciences schedule		Spring	
Fourth Year			
LLB 300	Remedies and Procedure	Autumn	8
LLB 302	Law of Business Organisations	Autumn	8
Subjects from Arts or Health & Behavioural Sciences schedule		Autumn	
LLB 301	Evidence	Spring	8
2 LLB Electives		Spring	16
Subjects from Arts or Health & Behavioural Sciences schedule		Spring	
Fifth Year			
2 LLB Electives		Autumn	16
Subjects from Arts or Health & Behavioural Sciences schedule		Autumn	
1 LLB Elective		Spring	8
Subjects from Arts or Health & Behavioural Sciences schedule		Spring	

Majors

Majors are NOT available in the Bachelor of Laws course. Refer to the course schedules for the Faculties for majors available in the Bachelor of Arts course. It is necessary for students to seek appropriate advice from the Faculties on their options for Majors and subject sequences.

Electives

Students must successfully complete elective subjects to the value of 40 credit points from the Bachelor of Laws Elective Law Schedule – see Bachelor of Laws (Graduate Entry).

The subjects SOC222 Crime, Criminality and Criminalisation, SOC244 Punishment: Purpose, Practice, Policy, STS250 Social Aspects of Genetics and Biotechnology, STS300 The Environmental Context: Imagining a Zero Carbon Future and STS309 Future Tense: Politics and Regulations of Technoscience may be completed as electives for the Bachelor of Laws course. However, the credit points may not be counted towards the Bachelor of Arts component of the double degree if they are being used as electives in Law.

Other Information

Further information is available at http://coursefinder.uow.edu.au/ or email: Law: law-enquiries@uow.edu.au; Arts: fac-arts@uow.edu.au; Health and Behavioural Sciences: hbs_central@uow.edu.au

Bachelor of Business

Testamur Title:	Bachelor of Business
Abbreviation:	BBus
My University:	Commerce, Accountancy, Business Innovation, Business Law, Economics, Finance, Financial Planning, Human Resource Management, International Business, International Economics, Management, Marketing, Public Relations, Quantitative Analysis in Economics, Supply Chain Management
Duration:	3 years full-time or part-time equivalent
Total Credit Points:	144

Delivery Mode:	On Campus (Face-to-Face)
Starting Session(s):	Autumn/Spring
Location and UAC Code:	Wollongong, 753660
	Shoalhaven, 753661
	Bateman's Bay, 753662
	Bega, 753663
	Southern Highlands, 753664
	Southern Sydney, 753665
UOW Course Code:	325
CRICOS Code:	075096M

Overview

This degree is designed for students who would like a comprehensive business degree shaped to meet the needs of employers operating in a global business environment. Students will study the essential disciplines of accounting, economics, finance, management and marketing whilst being given enhanced scope to study a range of elective subjects that interests them.

Entry Requirements / Assumed Knowledge

Assumed Knowledge – any two units of English.

Entry is open to students who have gained an Australian Tertiary Admission Rank (ATAR) or equivalent at a level determined by UOW for this calendar year. Applications are also accepted from students who have successfully completed a recognised TAFE qualification or course of study from an accredited institution.

Credit Arrangements

The Faculty offers credit transfer to students who have successfully completed relevant courses at accredited universities and colleges. Refer to: www.uow.edu.au/handbook/generalcourserules/UOW028672.html

Course Requirements

To qualify for award of the degree of Bachelor of Business a candidate shall accrue an aggregate of at least 144 credit points by satisfactory completion of the following core subjects.

Subject Code	Subject Name	Session	Credit Points
ACCY111	Accounting Fundamentals in Society	Autumn/Spring	6
COMM101	Principles of Responsible Commerce	Autumn/Spring	6
COMM121	Statistics for Business	Autumn/Spring	6
ECON101	Macroeconomic Essentials for Business	Autumn/Spring	6
FIN111	Introductory Principles of Finance	Autumn/Spring	6
MGMT110	Introduction to Management	Autumn/Spring	6
MARK101	Marketing Principles	Autumn/Spring	6
Plus at least one subject from			
COMM113	Business Oriented Information Systems	Spring	6
ACCY112	Accounting in Organisations	Autumn/Spring	6
ECON111	Introductory Microeconomics	Autumn/Spring	6
MGMT102	Business Communications	Autumn/Spring	6
Plus one capstone subject from			
COMM331	Simulation of a Socially Innovative Enterprise	Autumn/Spring	6
COMM333	Applied Business Research for Social Innovation	Autumn	6
COMM334	Intercultural Applications of Socially Innovative Commerce	n/o 2013	6
COMM390	Commerce Internship	Autumn/Spring	6

Plus at least 48 credit points of subjects chosen from the Faculty Schedule of which 18 credit points must be from 300 level Commerce subjects successfully completed at a pass grade or better.

Plus additional subjects from any Faculty to reach 144 credit points.

No more than 72 credit points shall be for 100 level subjects.

Other Information

Further information is available at:

UOW Coursefinder http://coursefinder.uow.edu.au/

Email commerce-enquiries@uow.edu.au

School of Accounting and Finance Email accfin@uow.edu.au

School of Economics Email econ_enquiries@uow.edu.au

School of Management and Marketing Email smm-enquiries@uow.edu.au

Bachelor of Business Information Systems

Testamur Title:	Bachelor of Business Information Systems
Abbreviation:	BBIS
My University:	Web Technologies, eBusiness, Database, Management
Duration:	3 years full-time or part-time equivalent
Total Credit Points:	144
Delivery Mode:	On campus (Face-to-face)
Starting Session(s):	Autumn/Spring
Location:	Wollongong
UOW Course Code:	1838
UAC Code:	754500
CRICOS Code:	068718M

Overview

Information systems are vital to the success of business and government. A Bachelor of Business Information Systems (BBIS) degree provides the knowledge and skills to design, develop and integrate information systems to support a client's business needs and to achieve a competitive edge in the global marketplace. A BBIS degree covers the whole of the system's lifecycle: from requirements gathering and design and coding to testing and implementation, seen from a business perspective.

Entry Requirements / Assumed Knowledge

Approximate ATAR: 75

Assumed Knowledge: Any two units of English

For entry requirements for students 21 and over or international students, please refer to the relevant prospectus.

Credit Arrangements

Information about Approved Credit Transfer Arrangements with domestic providers is available at:

http://www.uow.edu.au/handbook/generalcourserules/UOW028672.html

Information about Approved Credit Transfer Arrangements with international providers is available at:

http://www.uow.edu.au/future/international/apply/credit/index.html

Course Requirements

a) Students who enrol in Bachelor of Business Information Systems must satisfactorily complete at least 144 credit points consisting of the following:

   i) 19 of the core subjects (120 credit points) taken from the Bachelor of Business Information Systems Core Subject list, plus

   ii) a 6 credit point subject from the Commerce Elective List and

   iii) three electives (18 credit points) from the General Schedule.

b) a maximum of 72 credit points of 100-level subjects can be undertaken as part of the Bachelor of Business Information Systems degree.

c) completion of ISIT200 Industry Placement, which is a single 8-week period of approved industry placement, assessed in the form of written reports. ISIT200 must be completed before graduation. The placement will normally be undertaken in the summer session at the end of the second year, although enrolment in this subject in the first year is strongly encouraged.

Bachelor of Business Information Systems Core Subject List:

Subjects	Session	Credit Points

ACCY111	Accounting Fundamentals in Society	Autumn	6
ISIT100	Systems Analysis	Spring	6
ISIT102	Information Systems	Autumn	6
ISIT105	Communications and Networks	Autumn	6
ISIT111	Programming Concepts	Autumn/ Spring	6
ISIT112	Database	Spring	6
ISIT114	Object Oriented Programming	Spring	6
ISIT201	Information and Communication Security	Spring	6
ISIT204	Principles of eBusiness	Autumn	6
ISIT206	Web Technologies	Autumn	6
ISIT208	Strategic Systems Management	Spring	6
ISIT218	System Design and Human Computer Interaction	Autumn	6
ISIT301	Professional Practice and Ethics	Autumn	6
ISIT311	Database Management Systems	Autumn	6
ISIT332	Business Process Management	Spring	6
MATH179	Introductory Business Mathematics	Spring	6
MGMT102	Business Communications	Autumn/Spring	6
MGMT110	Introduction to Management	Autumn/Spring	6
And *either*			
ISIT318 or	Information Systems Project	Annual	12
ISIT351	Information Technology Project	Annual	12

Commerce Electives list

Choose ONE subject from LIST below:

Subjects		Session	Credit Points
ACCY112	Accounting in Organisations	Autumn/Spring	6
ECON101	Macroeconomic Essentials for Business	Autumn/Spring	6
ECON111	Introductory Microeconomics	Autumn/Spring	6
MARK101	Marketing Principles	Autumn/Spring	6

Suggested Program of Study

See http://www.uow.edu.au/informatics/sisat/prospective/UOW038773.html

Professional Recognition

Accreditation by the Australian Computer Society for membership at a 'Professional level' for the Bachelor of Business Information Systems has been granted.

Other Information

Further information is available at http://coursefinder.uow.edu.au/ or email: informatics_enquiries@uow.edu.au

Bachelor of Business Information Systems (Dean's Scholar)

Testamur Titles of Degree:	Bachelor of Business Information Systems (Dean's Scholar)
Abbreviations:	BBusInfoSys(Dean's Schol)
My University:	Web Technologies, eBusiness, Database, Management
Delivery Mode:	On campus (Face-to-face)
Starting Session(s):	Autumn
Location:	Wollongong
UOW Course Code:	1839 - BBInfoSys(Dean's Scholar)
UAC Codes:	754510
CRICOS Codes:	Same as normal degree program 068718M

Overview

The Dean's Scholar degree offers a challenging and enriched educational experience for high-achieving students who want to perform above the level normally expected. The Degree also encourages students to continue their studies through the completion of Honours and research degrees. A limited number of students from across the Faculty are admitted to the program each year, selected from new students with a base rank ATAR of at least 93 or from current students enrolled in an Informatics degree. Current Informatics students who have achieved a Weighted Average Mark (WAM) of 80 at the end of one year of full-time study within the Faculty, may apply to transfer into the Dean's Scholars program.

Dean's Scholars will complete all requirements for their respective degrees and, where possible, may be permitted to take an accelerated program after their first session. Dean's Scholars will receive special privileges and the programs are a distinction easily recognisable to future employers, giving you an edge in competitive employment situations. Dean's Scholars are encouraged to contribute to the scholarly life of the Faculty through events in the Faculty's postgraduate program.

Dean's Scholars will receive individual mentoring and the following privileges:

- $500.00 per annum book allowance (issued as $250 per semester)
- Extended library access
- Free print quota (up to 250 pages per session maximum)
- Free SECTE laboratory kits each session
- Access to accelerated program (where possible)
- Access to an academic mentor – a member of academic staff who advises you on matters concerning your degree
- Opportunity for summer internship (equivalent to the summer scholarships)
- Alignment of the major or honours thesis project with a research project in the assigned research centre.
- Opportunity to improve public speaking skills through 6 monthly membership to UOW Toastmasters program.

Entry Requirements / Assumed Knowledge

ATAR: The Dean's Scholars programs in the listed degrees will be available to students with a base ATAR of above 93, with a limited intake across the Faculty per annum.

Current students (in non-Dean's Scholar degrees listed) are eligible to apply to transfer to the Dean's Scholars program providing they perform to the standard of a WAM of 80 for a full-time load over two (2) sessions. This also applies to students who are not commencing immediately after completing year 12, including those aged 21 years and over or international students. Transfers will only be approved for students who have completed no more than half of their degree (including credit transfers).

Applications

To apply for the Dean's Scholars programs, new students should include the relevant degree as one of your UAC preferences (see the UAC guide for the appropriate code). New and current students also need to complete and submit the following application forms by the closing dates (students who apply may be contacted by the University prior to admission):

Applications for new students (click here for application form) close on 30 September and for current students wishing to transfer (click here for application) close on 31 December and 30 June.

Course Requirements/Eligibility

Course programs for the Dean's Scholar degrees are identical to the current non-Dean's Scholar degrees offered by the Faculty – see relevant Handbook entries.

Bachelor of Business Information Systems

Continuation in the Dean's Scholar degrees will normally be dependent on the student achieving a WAM of at least 75 in each year of study. Students who do not meet the required average will be transferred to the equivalent non-Dean's Scholar degree.

Please note that the Dean's Scholars Program is not offered to part-time students and is only available to International Students who are eligible to apply through UAC (for new students), or who have completed one year of full-time study at UOW (for current students). The program is not offered for double degrees and is not a scholarship.

Bachelor of Business Information Systems Honours

Testamur Title:	Bachelor of Business Information Systems Honours
Abbreviation:	BBIS(Hons)
My University:	Informatics
Duration:	1 year full-time or part-time equivalent
Total Credit Points:	48
Delivery Mode:	On campus (Face-to-face)
Starting Session(s):	Autumn/Spring
Location:	Wollongong
UOW Course Code:	1840
UAC Code:	NA
CRICOS Code:	068719K

Overview

The course is an add-on Honours program, intended to follow on from either the BBIS.

Students successfully completing this course will have a good understanding of the research process and will have applied that process to a small but significant research project. They will also have studied a number of coursework subjects, predominantly in the area of IS and IT management. This will significantly extend the skills developed in their undergraduate degree.

Successful graduates will be ideally qualified to follow one of three paths:

1. continue in academia, most probably via a PhD or research masters degree or
2. enter industry and work in research and development or
3. enter industry and rapidly move into a minor management role.

Entry Requirements / Assumed Knowledge

To be accepted into this degree you must hold a recognised undergraduate ICT degree with a credit average.

Course Requirements

The program of study for Bachelor of Information Systems (Honours) is 48 credit points and will include:

ISIT440	IT Research Methods	6cp
ISIT450	IT Research Project	18cp

24cp of coursework taken from:

Subjects		Session	Credit Points
ISIT401	Information Systems Strategic Planning	Spring	6
ISIT403	Enterprise Architecture Design	Autumn	6
ISIT404	Systems Integration	Spring	6
ISIT405	Technology Management and Innovation	Autumn	6
ISIT406	Information Design and Content Management	Spring	6
ISIT408	Information Technology Governance	Spring	6
ISIT409	Advanced Business Process Management	Spring	6
ISIT410	IT-enabled Supply Chain Management	Not on offer in 2013	6
ISIT416	Organisational Issues and Information Technology	Autumn	6
ISIT417	Business Intelligence and Knowledge Management	Autumn	6
ISIT429	Concepts and Issues in healthcare Computing	Spring	6
ISIT430	Introduction to Health Informatics	Autumn	6
ISIT437	Information Technology Security and Risk Management	Not on offer in 2013	3
ISIT446	Project and Change Management	Spring	6
ISIT451	Web Services and Service Centred Architecture	Spring	6
ISIT492	Special Topics in IS and IT B	Not on offer in 2013	6

or other 300 and 400-level subjects as approved by the Head of School.

Honours Grades

Honours grades are calculated using Method 1.

Other Information

Further information is available at http://coursefinder.uow.edu.au/ or email: informatics_enquiries@uow.edu.au

Bachelor of Business Information Systems - Bachelor of Laws

Testamur Title:	Bachelor of Business Information Systems - Bachelor of Laws
Abbreviation:	BBIS-LLB
My University:	Business Information Systems, Web Technologies, eBusiness, Database, Management Law, Legal
Duration:	5 years full-time or part-time equivalent
Total Credit Points:	288*
Delivery Mode:	On-campus
Starting Session(s):	Autumn
Location:	Wollongong
UOW Course Code:	1852
UAC Code:	751214
CRICOS Code:	072570C

** This is a minimum figure and may vary depending on major.*

Overview

Students commencing University study directly from school may enrol in a double degree course with the Bachelor of Laws. Study in another academic discipline allows students to recognise how law functions in social, economic, technical, environmental and scientific contexts. The Bachelor of Business Information Systems – Bachelor of Laws degree provides opportunities for students to combine the knowledge and skills to design, develop and integrate information systems to support a client's business needs and to achieve a competitive edge in the global marketplace with a legal education that equips students with a critical and questioning attitude; offers a broad perspective and provides the foundation for a career in an extensive range of legal work.

For the first year of the double degree, students enrol in subjects as prescribed in the table below. The first year of the LLB must be completed full time, except where approval is given on equity grounds. In the following four years of the degree, students enrol in subjects from the Law and the Business Information System schedule.

Entry Requirements / Assumed Knowledge

Assumed Knowledge: Any two units of English. Recommended Studies: English Advanced.

Credit Transfer

Students may apply for credit transfer for relevant subjects completed at approved tertiary institutions. Refer to http://www.uow.edu.au/about/policy/UOW058649.html.

Course Requirements

Students who enrol in the Bachelor of Business Information Systems- Bachelor of Laws, must complete each of the following:

a) all compulsory Law subjects as set out in the relevant Course Program;

b) elective subjects to the value of 40 credit points from the Bachelor of Laws Elective Law Schedule;

c) subjects to the value of at least 108 credit points from the School of Information Systems and Technology Course Schedule or the General Schedule including:

   i) 96 credit points of compulsory (core) subjects from the SISAT Course Schedule;

   ii) 24 credit points of 300-level subjects, of which 12 credit points must be ISIT318;

   iii) 2 elective subjects to the value of 12 credit points from the Bachelor of Information Technology Commerce Options list or the Bachelor of Business Information Systems Electives list.

Note: Some of the subjects which satisfy rule ii) or iii) will also satisfy rule i) so there is an overlap. The total number of credit points is only 108 although the sum of the credit points in rules ii) to iii) is 132.

Honours

To be eligible for the award of Bachelor of Laws Honours, a candidate must complete the elective LLB313 Legal Research Project as part of the above Course Requirements. The Honours grade will be calculated in accordance with Method 4. Refer to the University's General Course Rules (8.37), for information on the methods of calculating Honours.

As an alternative to the WAM-based Honours system, eligible students may complete an additional year of study towards the award of a Bachelor of Laws Honours by Research degree or the Bachelor of Laws Joint Honours by Research degree.

In order to be eligible for the Bachelor of Laws Honours by Research degree (an 'end-on' full year honours), students must have completed all LLB degree requirements with a WAM calculated by Method 4 of 70% or more. To be eligible for the award of Bachelor of Laws Honours by Research, a candidate must complete LLB448 Research Honours in Law in addition to the above Course Requirements. The Honours grade will be calculated in accordance with Method 1. Refer to the University's General Course Rules (8.37), for information on the methods of calculating Honours. See the Bachelor of Laws Honours by Research degree entry for further details.

In order to be eligible for the Bachelor of Laws Joint Honours by Research degree (an 'end-on' full year honours), students must have completed all requirements for their double degree with a WAM calculated by Method 4 in the University's General Course Rules (8.37) of 70% or more* in their LLB subjects and overall in order to be eligible to apply. Entry must be approved by the Associate Dean in consultation with the LLB Honours Coordinator and the relevant authority in the other discipline. The Associate Dean shall not approve entry into this course unless the LLB Honours Coordinator and the relevant authority in the other disciplines have agreed, in consultation with the student, on the program of study that will form the basis of the course curriculum for the degree. See the Bachelor of Laws Joint Honours by Research degree for further details.

** The other discipline may specify other minimum entry requirements.*

Course Program

Subjects (by year)		Session	Credit Points
First Year			
LLB 100	Foundations of Law A	Autumn	8
LLB 110	Legal Research and Writing	Autumn	4
LLB 120	Law of Contract A	Autumn	8
LLB 130	Criminal Law and Process A	Autumn	8
LLB 150	Communication Skills	Autumn	2
LLB 140	Advocacy Skills	Spring	2
LLB 160	Foundations of Law B	Spring	8
LLB 170	Law of Contracts B	Spring	8
LLB 180	Criminal Law and Process B	Spring	8
LLB 197	Lawyers and Australian Society	Spring	6
Second Year			
LLB 220	Property and Trusts A	Autumn	8
LLB 230	Public Law A	Autumn	8
LLB 270	Property and Trusts B	Spring	8
LLB 280	Public Law B	Spring	8
Subjects from the BBIS program			
Third Year			
LLB 240	Law of Torts	Autumn	8
LLB 260	Dispute Management Skills	Autumn	2
LLB 250	Drafting Skills	Spring	2
LLB 290	Legal Theory	Spring	8
LLB 397	Legal Internship	Autumn/Spring	2
Subjects from the BBIS program			
Fourth Year			
LLB 300	Remedies and Procedure	Autumn	8
LLB 302	Law of Business Organisations	Autumn	8
LLB 301	Evidence	Spring	8
2 LLB Electives		Spring	16
Subjects from the BBIS program			
Fifth Year			
2 LLB Electives		Autumn	16
1 LLB Electives		Spring	8
Subjects from the BBIS program			

Majors

Majors are NOT available in the Bachelor of Laws course.

Electives

Students must successfully complete elective subjects to the value of 40 credit points from the Bachelor of Laws Elective Law Schedule – see Bachelor of Laws (Graduate Entry).

Other Information

Further information is available at http://coursefinder.uow.edu.au/ or email: Law: law-enquiries@uow.edu.au; Business Information Systems: informatics_studenq@uow.edu.au

Bachelor of Commerce

Testamur Title:	Bachelor of Commerce
Abbreviation:	BCom
My University:	Commerce, Accountancy, Business Innovation, Business Law, Economics, Finance, Financial Planning, Human Resource Management, International Business, International Economics, Management, Marketing, Public Relations, Quantitative Analysis in Economics, Supply Chain Management
Duration:	3 years full-time or part-time equivalent
Total Credit Points:	144
Delivery Mode:	On Campus (Face-to-Face)
Starting Session(s):	Autumn/Spring
Location and UAC Code:	Wollongong, 753602
	Shoalhaven, 753603
	Bateman's Bay, 753604
	Bega, 753605
	Southern Highlands, 753606
	Southern Sydney, 753607
UOW Course Code:	710
CRICOS Code:	027464A

Overview

This degree is designed for students who would like to undertake a degree in the principal areas of business and commerce. It is suitable preparation for students who would like to become professionals in a particular discipline or want to pursue a general career in business. The degree consists of compulsory core subjects including a capstone subject and a major must be undertaken. The aim is to provide a foundation for the understanding of the business and commercial environment.

Entry Requirements / Assumed Knowledge

Assumed Knowledge – any two units of English.

Entry is open to students who have gained an Australian Tertiary Admission Rank (ATAR) or equivalent at a level determined by UOW for this calendar year. Applications are also accepted from students who have successfully completed a recognised TAFE qualification or course of study from an accredited institution.

Credit Arrangements

The Faculty offers credit transfer to students who have successfully completed relevant courses at accredited universities and colleges. Refer to: www.uow.edu.au/handbook/generalcourserules/UOW028672.html

Course Requirements

To qualify for award of the degree of Bachelor of Commerce a candidate shall accrue an aggregate of at least 144 credit points by satisfactory completion of the following core subjects.

Subject Code	Subject Name	Session	Credit Points
ACCY111	Accounting Fundamentals in Society	Autumn/Spring	6
COMM101	Principles of Responsible Commerce	Autumn/Spring	6
COMM121	Statistics for Business	Autumn/Spring	6
ECON101	Macroeconomic Essentials for Business	Autumn/Spring	6
FIN111	Introductory Principles of Finance	Autumn/Spring	6
MGMT110	Introduction to Management	Autumn/Spring	6
MARK101	Marketing Principles	Autumn/Spring	6
Plus at least one subject from			
COMM113	Business Oriented Information Systems	Spring	6
ACCY112	Accounting in Organisations	Spring	6
ECON111	Introductory Microeconomics	Autumn/Spring	6
MGMT102	Business Communications	Autumn/Spring	6
Plus one capstone subject from			
COMM331	Simulation of a Socially Innovative Enterprise	Autumn/Spring	6
COMM333	Applied Business Research for Social Innovation	Autumn	6
COMM334	Intercultural Applications of Socially Innovative Commerce	n/o in 2013	6
COMM390	Commerce Internship	Autumn/Spring	6

No more than 72 credit points shall be for 100 level subjects.

Note: Students majoring in Accountancy, Finance or Financial Planning must undertake ACCY112.

Students majoring in Economics, Business Innovation or International Business must undertake ECON111.

Students majoring in Public Relations must undertake MGMT102.

Majors

Accountancy
Business Innovation
Business Law
Economics
Finance
Financial Planning
Human Resource Management
International Business
International Economics
Management
Marketing
Public Relations
Quantitative Analysis in Economics
Supply Chain Management

To satisfy the requirements of a major study a student shall complete the Bachelor of Commerce core subjects as listed in the course requirement, plus one capstone subject and 48 credit points listed for the major.

A single core first year subject may count towards a major where approved.

A single subject may count towards two different majors. However, such double counting can apply to only one, 6 credit point subject. Thus completing a second major will require the completion of an additional 42 to 48 credit specified credit points. Where two or more subjects are common to two majors, the relevant Associate Head of School will designate a replacement subject.

Accountancy

Whether they work in a large multinational corporation, a government agency or a small company, accountants play a pivotal role in advising senior management on the financial direction of the enterprise.

Professional Recognition

On completion of a Bachelor of Commerce (Accountancy) degree you will have gained the necessary skills and qualifications to work as an accountant.

To be eligible for membership of the two Australian accounting professional bodies - CPA Australia and the Institute of Chartered Accountants in Australia (ICAA) and two global accounting professional bodies - the Association of Chartered Certified Accountants (ACCA) and the Association of International Accountants (AIA), students must complete subjects in addition to those specified for the Bachelor of Commerce degree. These subjects are noted below. Graduates are also eligible to apply for membership of the National Institute of Accountants (NIA).

Subjects required for major study

Code	Subject	Session	Credit Points
ACCY200	Financial Accounting IIA	Autumn/Spring	6
ACCY201	Financial Accounting IIB	Spring	6
ACCY211	Management Accounting II	Autumn	6
ACCY231	Information Systems in Accounting	Spring	6
FIN 222	Corporate Finance	Autumn/Spring	6
ACCY305	Financial Accounting III	Autumn	6
ACCY312	Management Accounting III	Spring	6
ACCY342	Auditing and Assurance Services	Autumn	6

Additional specified subjects (18 credit points) required for professional accreditation; LAW101, LAW302 and LAW315. Students wishing to have a minor in Business Law will also be required to undertake an additional LAW subject selected from the Business Law major subject listing.

Other information

Further information is available at http://coursefinder.uow.edu.au/ or email: School of Accounting and Finance – accfin-enquiries@uow.edu.au;

Business Innovation

Business innovation is a crucial source of competitive advantage and the prime mover of economic growth. The motto for the new economy firm is 'innovate or evaporate' and the guiding rule for government is 'innovate or abdicate'.

The Business Innovation major is designed to enable students to thrive in an ever-changing business environment. To this end, the major combines conceptual frameworks from management and economics in a non-technical and accessible manner. These frameworks provide students with a tools and knowledge base to successfully create and adopt innovations.

Subjects required for major study

Code	Subject	Session	Credit Points
ECON219	Economic Essentials for Business Innovation	Spring	6
ECON320	Economics of Small and Medium Enterprises	Autumn	6
MGMT209	Managing Knowledge in Organisations	Autumn	6
MGMT300	Managing Innovation	Spring	6
Plus 12 credit points from the list of subjects below. At least 6 credit points must be from 300 level Economics subjects and the other 6 from 200 or 300 level Economics subjects.			
ECON216	International Trade Theory & Policy	Spring	6
ECON231	The Creative Economy	Autumn	6
ECON251	Industry and Trade in East Asia	Spring	6
ECON306	The Chinese Economy	Spring	6
ECON309	Environmental and Natural Resource Economics	Autumn	6
ECON319	Electronic Commerce and the Economics of Information	Spring	6
Plus 12 credit points from the list of subjects below. At least 6 credit points must be from 300 level and the other 6 from 200 or 300 level Management/Marketing subjects.			
MGMT200	Management and Electronic Business	Autumn	6
MGMT215	Small Business Management	Autumn	6
MGMT218	Competitive Analysis	Spring	6
MGMT311	Management of Change	Spring	6

MGMT332	Entrepreneurship	Spring	6
MARK301	Internet Applications for Marketing	Autumn	6
MARK356	Creating and Marketing New Products	Autumn	6

Other information

Further information is available at:

UOW Coursefinder http://coursefinder.uow.edu.au/

Email commerce-enquiries@uow.edu.au

School of Economics Email econ_enquiries@uow.edu.au

School of Management and Marketing Email smm-enquiries@uow.edu.au

Business Law

The Business Law major provides graduates with the skills and knowledge base that are critical to successfully understanding the context, application and impact of law on the structures and transactions of business. After completing the foundation law subject, students are able to choose from a large range of specialist subjects. The Business Law major may be taken separately or in conjunction with any other major in the Commerce Schedule and complements other discipline studies, providing a legal framework perspective on the institutions and structures of those disciplines.

Students considering transferring to the double degree Bachelor of Commerce-Bachelor of Laws should seek academic advice before enrolling in any subject in this major.

Subjects required for major study

Code	Subject	Session	Credit Points
LAW 101	Law, Business and Society	Autumn	6
Plus 42 credit points selected from			
LAW 302	Law of Business Organisations	Autumn	6
LAW 308	Administrative Law	Autumn	6
LAW 315	Taxation Law	Spring	6
LAW 316	Occupational Health and Safety Law	Autumn	6
LAW 317	E-Commerce Law	n/o 2013	6
LAW 319	International Business Law	Autumn	6
LAW 321	Banking Law	n/o 2013	6
LAW 323	Consumer Protection and Product Liability Law	Spring	6
LAW 330	Law of Employment	Autumn	6
LAW 331	Intellectual Property Law	Spring	6
LAW 332	Labour Regulation	Spring	6
LAW 334	Environmental Law	Spring	6
LAW 335	Anti-Discrimination Law	Spring	6
LAW 343	International Law	Spring	6
LAW 348	Media Law	Autumn	6
LAW 352	Advanced Taxation Law	n/o 2013	6
LAW 359	Corporate Governance	Spring	6
LAW 365	International and Comparative Intellectual Property Law	n/o 2013	6

Other information

Further information is available at:

UOW Coursefinder http://coursefinder.uow.edu.au/

Email commerce-enquiries@uow.edu.au

Economics

Economics is the study of the economy at the micro and macro levels. Areas of interest to economists include the behaviour of consumers and business firms, the labour market, health care, the environment, technology and innovation, economic growth and development, monetary and fiscal policy, international trade and finance, and the global economy.

Students taking an Economics major will study the theory, policies, practices and institutions of national economies and the international economy. They will learn tools of analysis that can be applied to a wide range of economic issues.

Subjects required for major study

Code	Subjects	Session	Credit Points
ECON205	Macroeconomic Theory and Policy	Autumn/Spring	6
ECON215	Microeconomic Theory and Policy	Autumn/Spring	6
ECON305	Economic Policy	Spring	6
Plus one of the following			
ECON221	Introductory Econometrics	Autumn	6
ECON222	Mathematics for Business	Autumn/Spring	6
ECON240	Financial Modelling	Spring	6
Plus one of the following			
ECON316	History of Economic Thought	Spring	6
ECON304	The Historical Foundations of the Modern Australian Economy	n/o 2013	6

Plus 18 credit points, 12 of which must be from 300-level Economics subjects and the other 6 from 200- or 300-level Economics subjects.

Other information

Further information is available at:

UOW Coursefinder http://coursefinder.uow.edu.au/

Email commerce-enquiries@uow.edu.au

School of Economics Email econ_enquiries@uow.edu.au

Finance

Finance studies the ways in which individuals, businesses, and other organisations raise, allocate and use money. Individuals need to allocate their savings among different investment alternatives, businesses and other organisations need to raise and invest capital to provide value for their owners, and individuals, businesses and other organisations use financial markets to exchange capital with each other. Finance majors are undertaken by students for three main reasons. One reason is to pursue a career in finance. This can be rewarding for individuals who are interested in analysing and solving financial problems. Another reason is where a student is majoring in another field, but is interested in understanding the firm as a whole. Since finance underlies all business functions, a better understanding of financial decision-making is essential for business success. A final reason is that a student is interested in learning about finance for personal reasons. All individuals can benefit from an understanding of how finance affects their lives and with this knowledge make better financial decisions.

Preparatory Studies

Accounting, Economics, Mathematics and Statistics are all important foundations for understanding the theory and applications of finance principles. In addition, behavioural studies are also important for an understanding of applied finance issues and decision-making.

Professional Recognition

Recognised by the Financial Services Institute of Australasia (FINSIA)

Subjects required for major study

Code	Subjects	Session	Credit Points
ACCY200	Financial Accounting IIA	Autumn/Spring	6
FIN 222	Corporate Finance	Autumn/Spring	6

FIN 223	Investment Analysis	Autumn/Spring	6
FIN 226	Financial Markets and Institutions	Spring	6
ECON240	Financial Modelling	Spring	6
FIN 322	Advanced Business Finance	Spring	6
FIN 323	Portfolio Analysis	Autumn	6
Plus at least 6 credit points from the following:			
FIN 320	Risk and Insurance	Spring	6
FIN 324	Financial Statement Analysis	Autumn	6
FIN 325	Bank Management	n/o in 2013	6
FIN 327	Entrepreneurial Finance For Business	n/o in 2013	6
FIN 351	International Finance	Spring	6
ECON331	Financial Economics	Autumn	6

Note: Students undertaking a double major with Financial Planning are required to substitute an additional 300-level FIN subject for FIN323 in their Financial Planning major.

Other Information

Further information is available at http://coursefinder.uow.edu.au/ or email: School of Accounting and Finance – accfin-enquiries@uow.edu.au

Financial Planning

Financial planners must have an understanding not only of finance but also of accounting, management and marketing. Financial Planning is the design of specific financial outcomes that meet a client's unique needs and objectives, given the clients financial resources and risk profile. Its broad approach is to fulfil the clients total needs and to incorporate within it, the areas of investment planning, taxation and social services planning, retirement planning, risk planning and estate planning. This major builds the skill set needed for recognition by the Australian Securities and Investments Commission and the Financial Planning Association, allowing finance graduates who choose this major to work as a financial planner in banks, life insurance companies or credit unions, fund management, employed by corporate entities or self employed.

Professional Recognition

On completion of a Bachelor of Commerce (Financial Planning), you will have gained the necessary skills and qualifications to work as a financial planner offering services to a broad clientele. This degree meets the training requirements of the Australian Securities and Investments Commission (ASIC) and is accredited as meeting all the skill and knowledge components of ASIC Regulatory Guide 146 (RG146) Tier 1 and is listed on the ASIC Training Register. The degree is also recognised by the Financial Services Institute of Australasia (FINSIA) and is accredited with the Financial Planning Association (FPA) for entry into the FPA CFP Education Program.

Subjects required for major study

Code	Subject	Session	Credit Points
LAW 101	Law, Business and Society	Autumn	6
ACCY228	Tax Planning	Spring	6
FIN 223	Investment Analysis	Autumn/Spring	6
FIN 252	Personal Finance	Autumn	6
FIN 320	Risk and Insurance	Spring	6
FIN 323	Portfolio Analysis	Autumn	6
FIN 328	Retirement and Estate Planning	Autumn	6
FIN 329	Advanced Financial Planning	Spring	6

Note: Students undertaking a double major with Finance are required to substitute an additional 300-level FIN subject for FIN323 in their Finance major.

Other Information

Further information is available at http://coursefinder.uow.edu.au/ or email School of Accounting and Finance – accfin-enquiries@uow.edu.au

Human Resource Management

Increasingly, business firms and the public sector recognise that a major source of sustainable success is found in capable and productive human resources. The human resource management (HRM) major focuses on the people side of organisations. It is relevant to students wishing to pursue a professional career in HRM as well as to those students who see people management as a necessary part of their future skills portfolio.

The major provides students with an understanding of human resource management theories, concepts and applications. This includes detailed study of theory and practices in key functional areas of HRM, including job analysis, recruitment and selection, training and development, change management and occupational health and safety management.

Professional Recognition

The HRM major has accreditation from the Australian Human Resources Institute. Students are eligible for membership of the Institute.

Subjects required for major study

Code	Subject	Session	Credit Points
MGMT201	Organisational Behaviour	Autumn	6
MGMT205	Recruitment and Selection	Spring	6
MGMT206	Managing Human Resources	Autumn/Spring	6
MGMT220	Organisational Analysis	Spring	6
MGMT311	Management of Change	Spring	6
MGMT314	Strategic Management	Autumn/Spring	6
MGMT321	Occupational Health and Safety Management	Spring	6
MGMT322	Training & Development	Autumn	6

Other information

Further information is available at:

UOW Coursefinder http://coursefinder.uow.edu.au/

Email commerce-enquiries@uow.edu.au

School of Management and Marketing Email smm-enquiries@uow.edu.au

International Business

The International Business major gives you an awareness and understanding of business in other cultures and regions. It prepares you to respond to the intricacies of international business (including the impact of differing cultures and languages, issues posed by differing markets, and differing government regulations) within this rapidly growing environment.

You will gain an understanding of leadership, strategy, cultural diversity, communications and decision-making as they relate to contemporary international business issues, including financial management, employment relations, industry and trade in South-East Asia, and international marketing and management.

As the world is becoming 'smaller' with regards to advances in technology, employers are seeking graduates with international business skills. International Business is relevant to a career in any trans-national corporation or large NGO (non-government organisation) in Australia and overseas across most industries.

Subjects required for major study

Code	Subjects	Session	Credit Points
ECON216	International Trade Theory and Policy	Spring	6
ECON251	Industry and Trade in East Asia	Spring	6
FIN 241	International Financial Management	Autumn	6
MGMT301	Managing Across Cultures	Autumn	6
MGMT314	Strategic Management	Autumn/Spring	6
MGMT341	International and Comparative Human Resource Management	Spring	6
MARK343	International Marketing	Autumn	6
MGMT389	International Business Management	Autumn	6

Other information

Further information is available at:

UOW Coursefinder http://coursefinder.uow.edu.au/

Email commerce-enquiries@uow.edu.au

School of Accounting and Finance Email accfin@uow.edu.au

School of Economics Email econ_enquiries@uow.edu.au

School of Management and Marketing Email smm-enquiries@uow.edu.au

International Economics

The International Economics major will assist students in developing a sound understanding of the economic, social and global forces that are shaping the world economy. It will cover core knowledge areas such as macro and micro economics, analyse environmental and international trade issues and provide an analysis of major economic transformations that have occurred in the Chinese economy.

Subjects required for major study

Code	Subject	Session	Credit Points
ECON205	Macroeconomic Theory & Policy	Autumn/Spring	6
ECON216	International Trade Theory & Policy	Spring	6
ECON303	Economic Development Issues	Spring	6
Plus 30 credit points from			
ECON215	Microeconomic Theory and Policy	Autumn/Spring	6
ECON231	The Creative Economy	Autumn	6
ECON251	Industry and Trade in East Asia	Spring	6
ECON304	The Historical Foundations of the Modern Australian Economy	n/o 2013	6
ECON306	The Chinese Economy	Spring	6
ECON309	Environmental and Natural Resource Economics	Autumn	6
ECON334	Global Economics	n/o 2013	6

Other information

Further information is available at:

UOW Coursefinder http://coursefinder.uow.edu.au/

Email commerce-enquiries@uow.edu.au

School of Economics Email econ_enquiries@uow.edu.au

Management

Management is the art and science of planning, coordinating and leading group efforts and involves the effective mobilisation of human and material resources to achieve organisational goals. The management major combines various subject areas to develop theoretical and practical understanding of the complexities involved in management, and develops student skills in working with human, organisational and technical systems within an organisation.

Subjects required for major study

Code	Subjects	Session	Credit Points
MGMT201	Organisational Behaviour	Autumn	6
MGMT206	Managing Human Resources	Autumn/Spring	6
MGMT311	Management of Change	Spring	6
MGMT314	Strategic Management	Autumn/Spring	6
MGMT316	Operations Management	Spring	6
MGMT351	Responsible Leadership	Autumn	6
Plus 12 credit points from the following			
MGMT209	Managing Knowledge in Organisations	Autumn	6
MGMT215	Small Business Management	Autumn	6
MGMT220	Organisational Analysis	Spring	6

MGMT301	Managing Across Cultures	Autumn	6
MGMT332	Entrepreneurship	Spring	6
MGMT350	Continuous Quality Improvement	Spring	6
MGMT370	Project Management	n/o 2013	6
MGMT389	International Business Management	Autumn	6
MARK344	Marketing Strategy **	Spring	6

***Note: Students can count MARK344 Marketing Strategy in their Management major only if they also complete a major in Marketing.*

Other information

Further information is available at:

UOW Coursefinder http://coursefinder.uow.edu.au/

Email commerce-enquiries@uow.edu.au

School of Management and Marketing Email smm-enquiries@uow.edu.au

Marketing

A marketing major provides the skills to generate products and services for which there is a defined customer need and to establish a competitive advantage by effective positioning in the market with reference to product, promotion, pricing and distribution strategies. The marketing major is geared towards problem-solving and decision-making. It provides the sound analytical and communication skills, as well as creative thinking, which are essential to successful marketing.

In addition to the more established commercial marketing, there is an opportunity to pursue an interest in specialist marketing applications including social marketing and not-for-profit marketing. Students are encouraged to become involved in on-campus groups such as the Marketing Society and gain knowledge of professional practice and establish valuable industry contacts as a student member of the Australian Marketing Institute.

Subjects required for major study

Code	Subjects	Session	Credit Points
MARK205	Introductory Marketing Research	Autumn	6
MARK217	Consumer Behaviour	Autumn	6
MARK270	Services Marketing	Spring	6
MARK333	Marketing Communications and Advertising	Autumn	6
MARK344	Marketing Strategy	Spring	6
Plus 18 credit points from the following			
MARK250	Advertising Practice and Creative Strategies	Spring	6
MARK301	Internet Applications for Marketing	Autumn	6
MARK305	Advanced Marketing Research	Spring	6
MARK317	Business to Business Marketing	Spring	6
MARK320	Social Marketing	Spring	6
MARK343	International Marketing	Autumn	6
MARK356	Creating and Marketing New Products	Autumn	6
MARK395	Tourism Marketing	Spring	6
MGMT314	Strategic Management **	Autumn/Spring	6

***Note: Students can count MGMT314 Strategic Management in their Marketing major only if they also complete a major in Management, Human Resource Management or Supply Chain Management.*

Other information

Further information is available at:

UOW Coursefinder http://coursefinder.uow.edu.au/

Email commerce-enquiries@uow.edu.au

School of Management and Marketing Email smm-enquiries@uow.edu.au

Public Relations

The Public Relations Major is designed to enable graduates to manage organizational communication with multiple stakeholders. The major emphasizes social innovation and community engagement alongside commercial imperatives.

The Public Relations Major focuses on communicating with internal and external constituencies and stakeholders, building strategic alliances, flexible networks, a market orientation and a sense of community. It covers a range of subjects including business communication, public relations concepts, public relations strategies, corporate identity and branding, marketing communications and advertising and public relations campaigns.

It is also valuable as a double major with marketing, communications and media studies and journalism.

Subjects required for major study

Code	Subject	Session	Credit Points
MGMT102	Business Communications	Autumn/Spring	6
PRMM201	Public Relations Concepts	Autumn	6
PRMM202	Creative Public Relations Strategy	Spring	6
PRMM301	Public Relations Campaigns	Autumn	6
PRMM303	Corporate Identity and Branding	Spring	6
MARK250	Advertising Practice and Creative Strategies	Spring	6
MARK320	Social Marketing	Spring	6
MARK333	Marketing Communications & Advertising	Autumn	6

Other information

Further information is available at:

UOW Coursefinder http://coursefinder.uow.edu.au/

Email commerce-enquiries@uow.edu.au

School of Management and Marketing Email smm-enquiries@uow.edu.au

Quantitative Analysis in Economics

The Quantitative Analysis in Economics major focuses on providing students with a sound understanding of how a modern economy works at both the macro and micro levels, and on acquiring high-level computational and data analysis skills. This set of knowledge and skills will enable you to interpret and undertake advanced economic analysis for private sector firms and government agencies.

Subjects required for major study

Code	Subject	Session	Credit Points
ECON322	Mathematical Economics	Autumn	6
ECON327	Advanced Econometrics	Spring	6
Plus 30 credit points selected from the following:-			
ECON205	Macroeconomic Theory & Policy	Autumn/Spring	6
ECON215	Microeconomic Theory & Policy	Autumn/Spring	6
ECON221	Introductory Econometrics	Autumn	6
ECON222	Mathematics for Business	Autumn/Spring	6
ECON240	Financial Modelling#	Spring	6
ECON310	Cost Benefit Analysis	Autumn	6
ECON331	Financial Economics	Autumn	6
ECON333	Conflict & Co-operation	n/o 2013	6
Plus 6 credit points from any other Economics subject			

 # ECON240 not to count with ECON221

Other information

Further information is available at:

UOW Coursefinder http://coursefinder.uow.edu.au/

Email commerce-enquiries@uow.edu.au

School of Economics Email econ_enquiries@uow.edu.au

Supply Chain Management

Supply Chain Management (SCM) is a critical area of competitive advantage for organisations. Supply Chain Management involves managing the flow of products and services, financial and information from the suppliers through value adding intermediaries to the customer's customer. It includes managing technical processes both within the firm between functions such as procurement, manufacturing and marketing, and between organisations such as manufacturers, distributors, wholesalers and retailers. An understanding of people and relationships are essential skills in managing these relationships.

The Supply Chain Management major is designed to enable students to gain an overall understanding of supply chain structure and related interfaces. It provides the opportunity for students to specialize in a number of areas such as logistics, operations, systems thinking, quality and supply chain strategies. Since all management and marketing subjects interrelate to supply chain management, this major also provides a suitable linkage with marketing and management degrees as either a useful double major or attractive minor.

Subjects required for major study

Code	Subjects	Session	Credit Points
MGMT256	Systems Thinking and Simulation	Spring	6
MGMT257	Principles of Supply Chain Management	Autumn	6
MGMT309	Supply Chain Strategies	Spring	6
MGMT314	Strategic Management	Autumn/Spring	6
MGMT316	Operations Management	Spring	6
MGMT328	Logistics Management	Autumn	6
MGMT350	Continuous Quality Improvement	Spring	6
Plus 6 credit points from the following			
MGMT200	Management and Electronic Business	Autumn	6
MGMT215	Small Business Management	Autumn	6

Other information

Further information is available at:

UOW Coursefinder http://coursefinder.uow.edu.au/

Email commerce-enquiries@uow.edu.au

School of Management and Marketing Email smm-enquiries@uow.edu.au

Minor Study Areas

BCom Minor Study Areas (Accountancy; Business Information Systems; Business Innovation; Business Law; Economics; Economics of Environmental Sustainability; Economies of Asia; Finance; Human Resource Economics; Human Resource Management; International Business; Management; Marketing; Public Relations; Quantitative Analysis in Economics; Small Business; Supply Chain Management).

To satisfy the requirements of a minor study a student shall complete the listed subjects for the minor.

A single core first year subject may count towards a minor where approved.

Students may complete one or more of the designated minors but the completion of a minor is not a degree requirement. A minor cannot be completed in the same discipline as a major, for example an Accountancy Major with an Accountancy Minor. A single subject may not count towards a major and minor or towards two minors: double counting is not permitted when completing a minor. Thus completing each minor may require an additional 24 credit points if a single core subject is not included in the minor. Where one (or more) subject(s) is common to a major and a minor or to different minors, the relevant Associate Head of School will designate a replacement subject(s).

Accountancy

Code	Subjects	Session	Credit Points
ACCY112	Accounting in Organisations	Autumn/Spring	6
Plus 18 credit points from 200 or 300 level ACCY subjects			

Business Information Systems

Code	Subjects	Session	Credit Points
ISIT100	Systems Analysis	Spring	6
ISIT111	Programming Concepts	Autumn/Spring	6
Plus 12 credit points selected from			

ISIT201	Information and Communication Security	Spring	6
ISIT204	Principles of eBusiness	Autumn	6
ISIT218	Systems Design and Human Computer Interaction	Autumn	6

Business Innovation

Code	Subjects	Session	Credit Points
ECON219	Economic Essentials for Business Innovation	Spring	6
MGMT300	Managing Innovation	Spring	6
Plus 6 credit points selected from the following Economics subjects			
ECON216	International Trade Theory and Policy	Spring	6
ECON231	The Creative Economy	Autumn	6
ECON251	Industry and Trade in East Asia	Spring	6
ECON306	The Chinese Economy	Spring	6
ECON309	Environmental and Natural Resource Economics	Autumn	6
ECON319	Electronic Commerce and the Economics of Information	Autumn	6
Plus 6 credit points selected from the following subjects			
MGMT200	Management and Electronic Business	Autumn	6
MGMT209	Managing Knowledge in Organisations	Autumn	6
MGMT215	Small Business Management	n/o 2013	6
MGMT218	Competitive Analysis	Spring	6
MGMT311	Management of Change	Spring	6
MGMT332	Entrepreneurship	Spring	6
MARK301	Internet Applications for Marketing	Autumn	6
MARK356	Creating and Marketing New Products	Autumn	6

Business Law

Code	Subjects	Session	Credit Points
LAW101	Law, Business and Society	Autumn	6
Plus 18 credit points selected from			
LAW302	Law of Business Organisations	Autumn	6
LAW308	Administrative Law	Autumn	6
LAW315	Taxation Law	Spring	6
LAW316	Occupational Health and Safety Law	Autumn	6
LAW317	E-Commerce Law	n/o 2013	6
LAW319	International Business Law	Autumn	6
LAW321	Banking Law	n/o 2013	6
LAW323	Consumer Protection and Product Liability Law	Spring	6
LAW330	Law of Employment	Autumn	6
LAW331	Intellectual Property Law	Spring	6
LAW332	Labour Regulation	Spring	6
LAW334	Environmental Law	Spring	6
LAW335	Anti-Discrimination Law	Spring	6
LAW343	International Law	Spring	6
LAW348	Media Law	Autumn	6
LAW352	Advanced Taxation Law	n/o 2013	6
LAW359	Corporate Governance	Spring	6
LAW365	International and Comparative Intellectual Property Law	n/o 2013	6

Economics

Code	Subjects	Session	Credit Points
ECON111	Introductory Microeconomics	Autumn/Spring	6

Plus 18 credit points from any 200 or 300 level Economics subjects			

Economics of Environmental Sustainability

Code	Subject	Session	Credit Points
ECON111	Introductory Microeconomics	Autumn/Spring	6
Plus 18 credit points from the list below – at least 12 credit points must be Economics subjects			
ECON215	Microeconomic Theory and Policy	Autumn/Spring	6
ECON231	The Creative Economy	Autumn	6
ECON309	Environmental and Natural Resource Economics	Autumn	6
ECON310	Cost Benefit Analysis	n/o 2013	6
ACCY304	Social and Environmental Accounting	n/o 2013	6
EESC208	Environmental Impact of Societies	Spring	6
LAW334	Environmental Law	Spring	6
PHIL256	Ethics and the Environment A	Autumn	6

Economies of Asia

Code	Subject	Session	Credit Points
24 credit points selected from			
ECON111	Introductory Microeconomics	Autumn/Spring	6
ECON231	The Creative Economy	Autumn	6
ECON251	Industry and Trade in East Asia	Spring	6
ECON303	Economic Development Issues	Spring	6
ECON306	The Chinese Economy	Spring	6
ECON320	Economics of Small and Medium Enterprises	Autumn	6

Finance

Code	Subject	Session	Credit Points
FIN222	Corporate Finance	Autumn/Spring	6
Plus 18 credit points selected from 200 and 300 level Finance subjects			

Human Resource Economics

Code	Subject	Session	Credit Points
ECON111	Introductory Microeconomics	Autumn/Spring	6
Plus 18 credit points consisting of at least 12 credit points from			
ECON208	Gender, Work and the Family	Autumn	6
ECON308	Labour Economics	Autumn	6
ECON317/	Economics of Health and Health Care	Spring	6
ECON318	Economics of Health and Health Care - A	Spring	6
And no more than 6 credit points from			
ECON215	Microeconomic Theory and Policy	Autumn/Spring	6
MGMT206	Managing Human Resources	Autumn/Spring	6
POL/ERLS160	Employment, Work and Power	Autumn	6

Human Resource Management

Code	Subject	Session	Credit Points
24 credit points selected from			
MGMT201	Organisational Behaviour	Autumn	6
MGMT205	Recruitment and Selection	Spring	6
MGMT206	Managing Human Resources	Autumn/Spring	6
MGMT220	Organisational Analysis	Spring	6
MGMT311	Management of Change	Spring	6

MGMT314	Strategic Management	Autumn/Spring	6
MGMT321	Occupational Health and Safety Management	Spring	6
MGMT322	Training and Development	Autumn	6

International Business

Code	Subjects	Session	Credit Points
ECON216	International Trade Theory and Policy	Spring	6
FIN241	International Financial Management	Autumn	6
MGMT341	International and Comparative Human Resource Management	Spring	6
Plus 6 credit points selected from the following			
MARK343	International Marketing	Autumn	6
MGMT389	International Business Management	Autumn	6

Management

Code	Subjects	Session	Credit Points
12 credit points selected from			
MGMT201	Organisational Behaviour	Autumn	6
MGMT206	Managing Human Resources	Autumn/Spring	6
MGMT311	Management of Change	Spring	6
MGMT314	Strategic Management	Autumn/Spring	6
MGMT316	Operations Management	Spring	6
MGMT351	Responsible Leadership	Autumn	6
Plus 12 credit points selected from			
MGMT209	Managing Knowledge in Organisations	Autumn	6
MGMT215	Small Business Management	Autumn	6
MGMT220	Organisational Analysis	Spring	6
MGMT301	Managing Across Cultures	Autumn	6
MGMT332	Entrepreneurship	Spring	6
MGMT350	Continuous Quality Improvement	Spring	6
MGMT370	Project Management	n/o 2013	6
MGMT389	International Business Management	Autumn	6

Marketing

Code	Subjects	Session	Credit Points
MARK205	Introductory Marketing Research	Autumn	6
MARK217	Consumer Behaviour	Autumn	6
MARK270	Services Marketing	Spring	6
MARK333	Marketing Communications and Advertising	Autumn	6

Public Relations

Code	Subjects	Session	Credit Points
PRMM201	Public Relations Concepts	Autumn	6
PRMM202	Public Relations Strategy	Spring	6
PRMM301	Public Relations Campaigns	Autumn	6
PRMM303	Corporate Identity and Branding	Spring	6

Quantitative Analysis in Economics

Code	Subjects	Session	Credit Points
24 credit points selected from the list of economics subjects below			
ECON205	Macroeconomic Theory and Policy	Autumn/Spring	6

ECON215	Microeconomic Theory and Policy	Autumn/Spring	6
ECON221	Introductory Econometrics OR	Autumn	6
ECON240	Financial Modelling	Spring	6
ECON222	Mathematics for Business	Autumn/Spring	6
ECON310	Cost Benefit Analysis	n/o 2013	6
ECON322	Mathematical Economics	Autumn	6
ECON327	Advanced Econometrics	Spring	6
ECON331	Financial Economics	Spring	6

Small Business

Code	Subjects	Session	Credit Points
MGMT110	Introduction to Management	Autumn/Spring	6
MGMT215	Small Business Management	Autumn	6
Plus 12 credit points selected from			
MARK213	Marketing Principles	Autumn/Spring	6
MARK217	Consumer Behaviour	Autumn	6
MARK270	Services Marketing	Spring	6
MARK317	Business to Business Marketing	Spring	6
MARK356	Creating and Marketing New Products	Autumn	6
MGMT200	Management and Electronic Business	Autumn	6
MGMT332	Entrepreneurship	Spring	6
ECON320	Economics of Small and Medium Enterprises	Autumn	6

Supply Chain Management

Code	Subjects	Session	Credit Points
MGMT256	Systems Thinking and Simulation	Spring	6
MGMT257	Principles of Supply Chain Management	Autumn	6
MGMT309	Supply Chain Strategies	Spring	6
MGMT328	Logistics Management	Autumn	6

Other information

Further information is available at:

UOW Coursefinder http://coursefinder.uow.edu.au/

Email commerce-enquiries@uow.edu.au

School of Accounting and Finance Email accfin@uow.edu.au

School of Economics Email econ_enquiries@uow.edu.au

School of Management and Marketing Email smm-enquiries@uow.edu.au

Bachelor of Commerce (Dean's Scholar)

Testamur Title:	Bachelor of Commerce (Dean's Scholar)
Abbreviation:	BCom(Dean's Schol)
My University:	Commerce, Accountancy, Business Innovation, Business Law, Economics, Finance, Financial Planning, Human Resource Management, International Business, International Economics, Management, Marketing, Public Relations, Quantitative Analysis in Economics, Supply Chain Management, Dean's Scholar
Duration:	3 years full-time or part-time equivalent
Total Credit Points:	144
Delivery Mode:	On Campus (Face-to-Face)
Starting Session(s):	Autumn/Spring

Location and UAC Code:	Wollongong, 753610
	Batemans Bay, 753614
	Bega, 753614
	Shoalhaven, 753614
	Southern Sydney, 753610
	Southern Highlands, 753614
Course Code:	710_2
CRICOS Code:	027464A

Overview

This degree provides an enriched educational experience for high achieving students that will encourage them to continue their studies through to the completion of honours and research degrees. This course is available to a limited number of candidates. Dean's Scholars receive one to one academic mentoring and have special opportunities to attend workshops and seminars. The degree includes the awarding of a book allowance, extended library borrowing rights, mentoring, leadership development and access to possible work experience.

Entry Requirements

Entry will be by application form and possible interview for candidates with a minimum Australian Tertiary Admission Rank (ATAR) of 93 or equivalent. Current Commerce students can apply for a course transfer to this program after completion of a minimum of 48 credit points at the University of Wollongong.

Course Requirements

To qualify for award of the degree of Bachelor of Commerce (Dean's Scholar) a candidate shall accrue an aggregate of at least 144 credit points by satisfactory completion of the following core subjects.

Subject Code	Subject Name	Session	Credit Points
ACCY111	Accounting Fundamentals in Society	Autumn/Spring	6
COMM101	Principles of Responsible Commerce	Autumn/Spring	6
COMM121	Statistics for Business	Autumn/Spring	6
ECON101	Macroeconomic Essentials for Business	Autumn/Spring	6
FIN111	Introductory Principles of Finance	Autumn/Spring	6
MGMT110	Introduction to Management	Autumn/Spring	6
MARK101	Marketing Principles	Autumn/Spring	6
Plus at least one subject from			
COMM113	Business Oriented Information Systems	Spring	6
ACCY112	Accounting in Organisations	Autumn/Spring	6
ECON111	Introductory Microeconomics	Autumn/Spring	6
MGMT102	Business Communications	Autumn/Spring	6
Plus one capstone subject from			
COMM331	Simulation of a Socially Innovative Enterprise	Autumn/Spring	6
COMM333	Applied Business Research for Social Innovation	Autumn	6
COMM334	Intercultural Applications of Socially Innovative Commerce	n/o in 2013	6
COMM390	Commerce Internship	Autumn/Spring	6

No more than 72 credit points shall be for 100 level subjects.

Note: Students majoring in Accountancy, Finance or Financial Planning must undertake ACCY112.

Students majoring in Economics, Business Innovation or International Business must undertake ECON111.

Students majoring in Public Relations must undertake MGMT102.

Major Study Areas

Accountancy
Business Innovation
Business Law
Economics
Finance
Financial Planning
Human Resource Management
International Business
International Economics
Management
Marketing
Public Relations
Quantitative Analysis in Economics
Supply Chain Management

To satisfy the requirements of a major study a student shall complete the Bachelor of Commerce core subjects as listed in the course requirement, plus one capstone subject and 48 credit points listed for the major.

A single core first year subject may count towards a major where approved.

A single subject may count towards two different majors. However, such double counting can apply to only one, 6 credit point subject. Thus completing a second major will require the completion of an additional 42 to 48 credit specified credit points. Where two or more subjects are common to two majors, the relevant Associate Head of School will designate a replacement subject.

Candidates for this degree will be required to maintain a Weighted Average Mark (WAM) of at least 75 each year to continue in the program.

Minor Study Areas

BCom Minor Study Areas (Accountancy; Business Information Systems; Business Innovation; Business Law; Economics; Economics of Environmental Sustainability; Economies of Asia; Finance; Human Resource Economics; Human Resource Management; International Business; Management; Marketing; Public Relations; Quantitative Analysis in Economics; Small Business; Supply Chain Management).

To satisfy the requirements of a minor study a student shall complete the listed subjects for the minor.

A single core first year subject may count towards a minor where approved.

Students may complete one or more of the designated minors but the completion of a minor is not a degree requirement. A minor cannot be completed in the same discipline as a major, for example an Accountancy Major with an Accountancy Minor. A single subject may not count towards a major and minor or towards two minors: double counting is not permitted when completing a minor. Thus completing each minor may require an additional 24 credit points if a single core subject is not included in the minor. Where one (or more) subject(s) is common to a major and a minor or to different minors, the relevant Associate Head of School will designate a replacement subject(s).

Other information

Further information is available at:

UOW Coursefinder http://coursefinder.uow.edu.au/

Email commerce-enquiries@uow.edu.au

School of Accounting and Finance Email accfin@uow.edu.au

School of Economics Email econ_enquiries@uow.edu.au

School of Management and Marketing Email smm-enquiries@uow.edu.au

Bachelor of Commerce Honours

Testamur Title:	Bachelor of Commerce Honours
Abbreviation:	BCom(Hons)
My University:	Commerce, Accountancy, Economics, Finance, Human Resource Management, International Business, Management, Marketing, Supply Chain Management
Duration:	1 year full-time or part-time equivalent
Total Credit Points:	48

Delivery Mode:	On Campus (Face-to-Face)
Starting Session(s):	Autumn/Spring
Location:	Wollongong
UOW Course Code:	711
CRICOS Code:	001710F

Overview

An Honours degree is awarded for one additional year of study following the successful completion of a three-year degree with superior performance throughout the degree. To qualify for the award of Bachelor of Commerce Honours a candidate must satisfy the Honours rules under Section 8 of the General Course Rules. The Honours grade will be calculated in accordance with Method 1.

The Head/s of the relevant discipline and the Head of School must approve admission to this degree.

Bachelor of Commerce Honours is available in the following areas:

- Accountancy
- Economics
- Finance
- Human Resource Management
- International Business
- Management
- Marketing
- Supply Chain Management

Honours in Accountancy

Code	Subject	Credit Points
ACCY401	Honours Research in Accounting	24
Plus four (4) 6 credit point 400 level subjects from the Commerce calendar with a minimum of 12 credit points from the Accountancy calendar as advised by the research supervisors and approved by the Associate Head of School (Accounting).		

Further information for students interested in pursuing Honours in Accountancy, please visit http://www.uow.edu.au/commerce/accy/current/UOW049895.html

Honours in Finance

Code	Subject	Credit Points
FIN 401	Honours Research in Finance	24
Plus four (4) 6 credit point 400 level subjects from the Commerce calendar with a minimum of 12 credit points from the Finance calendar as advised by the research supervisors and approved by the Associate Head of School (Finance).		

Further information for students interested in pursuing Honours in Finance, please visit http://www.uow.edu.au/commerce/accy/current/UOW049895.html

Honours in Economics

Code	Subject	Credit Points
ECON401	Honours Research in Economics	24
ECON402	Economics Honours Coursework	18
COMM480	Honours Research Proposal	6

For students interested in pursuing Honours in Economics, please contact: School of Economics - econ_enquiries@uow.edu.au

Honours in Management

Code	Subject	Credit Points
MGMT401	Honours Research in Management	24
MGMT402	Honours Coursework in Management A	12
MGMT403	Honours Coursework in Management B	6
COMM480	Honours Research Proposal	6

For students interested in pursuing Honours in Management, please contact the School of Management and Marketing. Email smm-enquiries@uow.edu.au

Honours in Marketing

Code	Subject	Credit Points
MARK401	Honours Research in Marketing	24
MARK402	Honours Coursework in Marketing A	12
MARK403	Honours Coursework in Marketing B	6
COMM480	Honours Research Proposal	6

For students interested in pursuing Honours in Marketing, please contact the School of Management and Marketing. Email smm-enquiries@uow.edu.au

Bachelor of Commerce (Event Management)

Testamur Title:	Bachelor of Commerce (Event Management)
Abbreviation:	BCom(E Mgmt)
My University:	Commerce, Accountancy, Business Innovation, Business Law, Economics, Finance, Financial Planning, Human Resource Management, International Business, International Economics, Management, Marketing, Public Relations, Quantitative Analysis in Economics, Supply Chain Management
Duration:	3 years full-time or part-time equivalent
Total Credit Points:	144
Delivery Mode:	On Campus (Face-to-Face)
Starting Session(s):	Autumn
Location and UAC Code:	Southern Sydney, 753641
	Shoalhaven, 753642
	Wollongong, 753640
Course Code:	1843
CRICOS Code:	068763F

Overview

The Bachelor of Commerce (Event Management) is delivered jointly by the University of Wollongong and the Institute of TAFE. Upon completion, students receive a Bachelor of Commerce degree from the University of Wollongong and a Diploma in Event Management from TAFE. The program offers broad and comprehensive preparation for students wishing to pursue a career in event management.

Entry Requirements / Assumed Knowledge

Assumed knowledge is any two units of English. Entry is open to students who have gained an Australian Tertiary Admission Rank (ATAR) or equivalent at a level determined by UOW for this calendar year.

Applications are also accepted from students who have successfully completed a recognised TAFE qualification or course of study from an accredited institution.

Credit Arrangements

The Faculty offers credit transfer to students who have successfully completed relevant courses at accredited universities and colleges. Refer to: www.uow.edu.au/handbook/generalcourserules/UOW028672.html

Course Requirements

This course is offered in conjunction and concurrently with the TAFE Diploma in Event Management. The Event Management component will be delivered by TAFE and result in the award of a Diploma in Event Management.

To qualify for award of the degree of Bachelor of Commerce (Event Management) a candidate shall accrue an aggregate of at least 144 credit points by satisfactory completion of subjects listed in the program of study.

Of the 144 credit points not more than 72 credit points shall be for 100-level subjects.

Credit arrangements may occur between the TAFE Diploma in Event Management and the University of Wollongong's Bachelor of Commerce (Event Management) provided these courses are completed concurrently.

Should the Diploma in Event Management be completed prior to enrolling in the Bachelor of Commerce the standard credit transfer will apply.

All admission applications must be completed on an Undergraduate Course Application Form.

Course Program

Number	Subject	Session	Credit Points
ACCY111	Accounting Fundamentals in Society	Autumn/Spring	6
COMM101	Principles of Responsible Commerce	Autumn/Spring	6
ECON101	Macroeconomic Essentials for Business	Autumn/Spring	6
COMM121	Statistics for Business	Autumn/Spring	6
FIN111	Introductory Principles of Finance	Autumn/Spring	6
At least one subject from the following			
ACCY112	Accounting in Organisations	Autumn/Spring	6
Or			
ECON111	Introductory Microeconomics	Autumn/Spring	6
Plus			
MARK205	Introductory Marketing Research	Autumn	6
MARK217	Consumer Behaviour	Autumn	6
MARK270	Services Marketing	Spring	6
MARK333	Marketing Communications and Advertising	Autumn	6
MGMT314	Strategic Management	Autumn/Spring	6
Plus either			
MGMT316	Operations Management	Spring	6
Or			
MGMT389	International Business Management	Autumn	6
Plus either			
ECON309	Environmental and Natural Resource Economics	Autumn	6
or			
Any 200 or 300 level Commerce subject available		6	
Plus any 200 or 300 level Commerce subject available		6	
Plus one capstone subject from			
COMM331	Simulation of a Socially Innovative Enterprise	Autumn/Spring	6
COMM333	Applied Business Research for Social Innovation	Autumn	6
COMM334	Intercultural Applications of Socially Innovative Commerce	n/o in 2013	6
COMM390	Commerce Internship	Autumn/Spring	6

Contact TAFE

For enquiries on the TAFE component, please contact:

TAFE Loftus

Customer Service and Promotions Officer

Email Si.loftuscio@det.nsw.edu.au

Phone 02 9710 5812

TAFE Illawarra

Email HSTH.Enquiries@tafensw.edu.au

Phone 02 4295 2100

Course Information 131 601

Bachelor of Commerce (Hospitality Management)

Testamur Title:	Bachelor of Commerce (Hospitality Management)
Abbreviation:	BCom (Hosp Mgmt)
My University:	Commerce, Accountancy, Business Innovation, Business Law, Economics, Finance, Financial Planning, Human Resource Management, International Business, International Economics, Management, Marketing, Public Relations, Quantitative Analysis in Economics, Supply Chain Management
Duration:	3 years full-time or part-time equivalent
Total Credit Points:	144
Delivery Mode:	On Campus (Face-to-Face)
Starting Session(s):	Autumn
Location and UAC Code:	Wollongong, 753630
	Southern Sydney, 753631
	Shoalhaven – Not on offer in 2013
Course Code:	1842
CRICOS Code:	068764E

Overview

The Bachelor of Commerce (Hospitality Management) is delivered jointly by the University of Wollongong and the Institute of TAFE. Upon completion, students receive a Bachelor of Commerce degree from the University of Wollongong and a Diploma in Hospitality from TAFE. The program offers broad and comprehensive preparation for students wishing to pursue a management career in the hospitality industry.

Entry Requirements / Assumed Knowledge

Students need to be 18 years of age by 1 April in their first year of TAFE enrolment. Assumed knowledge is any two units of English. Entry is open to students who have gained an Australian Tertiary Admission Rank (ATAR) or equivalent at a level determined by UOW for this calendar year. Applications are also accepted from students who have successfully completed a recognised TAFE qualification or course of study from an accredited institution.

Credit Arrangements

The Faculty offers credit transfer to students who have successfully completed relevant courses at accredited universities and colleges. Refer to: www.uow.edu.au/handbook/generalcourserules/UOW028672.html

Course Requirements

This course is offered in conjunction and concurrently with the TAFE Diploma in Hospitality Management. The Hospitality Management component will be delivered by TAFE and result in the award of a Diploma in Hospitality Management.

To qualify for award of the degree of Bachelor of Commerce (Hospitality Management) a candidate shall accrue an aggregate of at least 144 credit points by satisfactory completion of subjects listed in the program of study.

Of the 144 credit points not more than 72 credit points shall be for 100-level subjects.

Credit arrangement pathways may be organised between the TAFE Diploma in Hospitality Management and the University of Wollongong's Bachelor of Commerce (Hospitality Management) provided these courses are completed

concurrently. Should the Diploma in Hospitality Management be completed prior to enrolling in the Bachelor of Commerce the standard credit transfer will apply.

All admission applications must be completed on an Undergraduate Course Application Form.

Course Program

Number	Subject	Session	Credit Points
ACCY111	Accounting Fundamentals in Society	Autumn/Spring	6
COMM101	Principles of Responsible Commerce	Autumn/Spring	6
ECON101	Macroeconomic Essentials for Business	Autumn/Spring	6
COMM121	Statistics for Business	Autumn/Spring	6
FIN111	Introductory Principles of Finance	Autumn/Spring	6
At least one subject from the following			
ACCY112	Accounting in Organisations	Autumn/Spring	6
or			
ECON111	Introductory Microeconomics	Autumn/Spring	6
Plus			
MARK205	Introductory Marketing Research	Autumn	6
MARK217	Consumer Behaviour	Autumn	6
MARK270	Services Marketing	Spring	6
MARK333	Marketing Communications and Advertising	Autumn	6
MGMT314	Strategic Management	Autumn/Spring	6
Plus either			
MGMT316	Operations Management	Spring	6
or			
MGMT389	International Business Management	Autumn	6
Plus either			
ECON309	Environmental and Natural Resource Economics	Autumn	6
or			
Any 200 or 300 level Commerce subject available		6	
Plus any 200 or 300 level Commerce subject available		6	
Plus one capstone subject from			
COMM331	Simulation of a Socially Innovative Enterprise	Autumn/Spring	6
COMM333	Applied Business Research for Social Innovation	Autumn	6
COMM334	Intercultural Applications of Socially Innovative Commerce	n/o in 2013	6
COMM390	Commerce Internship	Autumn/Spring	6

Contact TAFE

For enquiries on the TAFE component, please contact:

TAFE Loftus

Customer Service and Promotions Officer

Email Si.loftuscio@det.nsw.edu.au

Phone 02 9710 5812

TAFE Illawarra

Email HSTH.Enquiries@tafensw.edu.au

Phone 02 4295 2100

Course Information 131 601

Bachelor of Commerce (Tourism Management)

Testamur Title:	Bachelor of Commerce (Tourism Management)
Abbreviation:	BCom (Tour Mgmt)
My University:	Commerce, Accountancy, Business Innovation, Business Law, Economics, Finance, Financial Planning, Human Resource Management, International Business, International Economics, Management, Marketing, Public Relations, Quantitative Analysis in Economics, Tourism Management
Duration:	3 years full-time or part-time equivalent
Total Credit Points:	144
Delivery Mode:	On Campus (Face-to-Face)
Starting Session(s):	Autumn
UAC Code:	753650
Location:	Wollongong
Course Code:	1844
CRICOS Code:	068765D

Overview

The Bachelor of Commerce (Tourism Management) is delivered jointly by the University of Wollongong and the Institute of TAFE. Upon completion, students receive a Bachelor of Commerce degree from the University of Wollongong and an Advanced Diploma in Tourism Management from TAFE. The program offers broad and comprehensive preparation for students wishing to pursue a management career in the tourism industry.

Entry Requirements / Assumed Knowledge

Students need to be 18 years of age by 1 April in their first year of TAFE enrolment. Assumed knowledge is any two units of English. Entry is open to students who have gained an Australian Tertiary Admission Rank (ATAR) or equivalent at a level determined by UOW for this calendar year.

Applications are also accepted from students who have successfully completed a recognised TAFE qualification or course of study from an accredited institution.

Credit Arrangements

The Faculty offers credit transfer to students who have successfully completed relevant courses at accredited universities and colleges. Refer to: www.uow.edu.au/handbook/generalcourserules/UOW028672.html

Course Requirements

This course is offered in conjunction and concurrently with the TAFE Advanced Diploma in Tourism Management. The Tourism Management component will be delivered by TAFE and result in the award of an Advanced Diploma in Tourism Management.

To qualify for award of the degree of Bachelor of Commerce (Tourism Management) a candidate shall accrue an aggregate of at least 144 credit points by satisfactory completion of subjects listed in the program of study.

Of the 144 credit points not more than 72 credit points shall be for 100-level subjects.

Credit arrangements may occur between the TAFE Advanced Diploma in Tourism Management and the University of Wollongong's Bachelor of Commerce (Tourism Management) provided these courses are completed concurrently.

Should the Advanced Diploma in Tourism Management be completed prior to enrolling in the Bachelor of Commerce the standard credit transfer will apply.

All admission applications must be completed on an Undergraduate Course Application Form.

Course Program

Number	Subject	Session	Credit Points
ACCY111	Accounting Fundamentals in Society	Autumn/Spring	6
COMM101	Principles of Responsible Commerce	Autumn/Spring	6
ECON101	Macroeconomic Essentials for Business	Autumn/Spring	6
COMM121	Statistics for Business	Autumn/Spring	6
FIN111	Introductory Principles of Finance	Autumn/Spring	6
At least one subject from the following			
ACCY112	Accounting in Organisations	Autumn/Spring	6
or			

ECON111	Introductory Microeconomics	Autumn/Spring	6
Plus			
MARK205	Introductory Marketing Research	Autumn	6
MARK217	Consumer Behaviour	Autumn	6
MARK270	Services Marketing	Spring	6
MARK333	Marketing Communications and Advertising	Autumn	6
MGMT314	Strategic Management	Autumn/Spring	6
Plus either			
MGMT316	Operations Management	Spring	6
or			
MGMT389	International Business Management	Autumn	6
Plus either			
ECON309	Environmental and Natural Resource Economics	Autumn	6
or			
Any 200 or 300 level Commerce subject available		6	
Plus any 200 or 300 level Commerce subject available		6	
Plus one capstone subject from:			
COMM331	Simulation of a Socially Innovative Enterprise	Autumn/Spring	6
COMM333	Applied Business Research for Social Innovation	Autumn	6
COMM334	Intercultural Applications of Socially Innovative Commerce	n/o in 2013	6
COMM390	Commerce Internship	Autumn/Spring	6

Contact TAFE

For enquiries on the TAFE component, please contact:

TAFE Illawarra

Email HSTH.Enquiries@tafensw.edu.au

Phone 02 4295 2100

Course Information 131 601

Bachelor of Commerce - Bachelor of Laws

Testamur Title:	Bachelor of Commerce - Bachelor of Laws
Abbreviation:	BCom-LLB
My University:	Law, Legal, Commerce, Accountancy, Business Innovation, Business Law, Economics, Finance, Financial Planning, Human Resource Management, International Business, International Economics, Management, Marketing, Public Relations, Quantitative Analysis in Economics, Supply Chain Management
Duration:	5 years full-time or part-time equivalent
Total Credit Points:	282*
Delivery Mode:	On-campus
Starting Session(s):	Autumn
Location:	Wollongong
UOW Course Code:	773
UAC Code:	751202
CRICOS Code:	003683K

** This is a minimum figure and may vary depending on major.*

Overview

Students commencing University study directly from school may enrol in a double degree course with the Bachelor of Laws. Study in another academic discipline allows students to recognise how law functions in social, economic, technical, environmental and scientific contexts. The Bachelor of Commerce – Bachelor of Laws degree provides opportunities for students to combine their interest in law with business or commerce.

For the first year of the double degree, students enrol in subjects as prescribed in the table below. The first year of the LLB must be completed full time, except where approval is given on equity grounds. In the following four years of the degree, students enrol in subjects from the Law and Commerce schedules.

Entry Requirements / Assumed Knowledge

Assumed Knowledge: Any two units of English. Recommended Studies: English Advanced.

Credit Transfer

Students may apply for credit transfer for relevant subjects completed at approved tertiary institutions. Refer to http://www.uow.edu.au/about/policy/UOW058649.html.

Course Requirements

Students who enrol in the Bachelor of Commerce - Bachelor of Laws, must complete each of the following:

a) all compulsory Law subjects as set out in the relevant Course Program;

b) elective subjects to the value of 40 credit points from the Bachelor of Laws Elective Law Schedule;

c) subjects to the value of at least 102 credit points from the Bachelor of Commerce Course Program, consisting of 54 credit points of core subjects (including the capstone subject), PLUS 48 credit point major.

Note: Where subjects in c) have the prefix LAW, the equivalent Bachelor of Laws subjects must be substituted.

Honours

To be eligible for the award of Bachelor of Laws Honours, a candidate must complete the elective LLB313 Legal Research Project as part of the above Course Requirements. The Honours grade will be calculated in accordance with Method 4. Refer to the University's General Course Rules (8.37), for information on the methods of calculating Honours.

As an alternative to the WAM-based Honours system, eligible students may complete an additional year of study towards the award of a Bachelor of Laws Honours by Research degree or the Bachelor of Laws Joint Honours by Research degree.

In order to be eligible for the Bachelor of Laws Honours by Research degree (an 'end-on' full year honours), students must have completed all LLB degree requirements with a WAM calculated by Method 4 of 70% or more. To be eligible for the award of Bachelor of Laws Honours by Research, a candidate must complete LLB448 Research Honours in Law in addition to the above Course Requirements. The Honours grade will be calculated in accordance with Method 1. Refer to the University's General Course Rules (8.37), for information on the methods of calculating Honours. See the Bachelor of Laws Honours by Research degree entry for further details.

In order to be eligible for the Bachelor of Laws Joint Honours by Research degree (an 'end-on' full year honours), students must have completed all requirements for their double degree with a WAM calculated by Method 4 in the University's General Course Rules (8.37) of 70% or more* in their LLB subjects and overall in order to be eligible to apply. Entry must be approved by the Associate Dean in consultation with the LLB Honours Coordinator and the relevant authority in the other discipline. The Associate Dean shall not approve entry into this course unless the LLB Honours Coordinator and the relevant authority in the other discipline have agreed, in consultation with the student, on the program of study that will form the basis of the course curriculum for the degree. See the Bachelor of Laws Joint Honours by Research degree for further details.

** The other discipline may specify other minimum entry requirements.*

Course Program

Subjects (by year)		Session	Credit Points
First Year			
LLB 100	Foundations of Law A	Autumn	8
LLB 110	Legal Research and Writing	Autumn	4
LLB 120	Law of Contract A	Autumn	8
LLB 130	Criminal Law and Process A	Autumn	8
LLB 150	Communication Skills	Autumn	2
LLB 140	Advocacy Skills	Spring	2
LLB 160	Foundations of Law B	Spring	8
LLB 170	Law of Contracts B	Spring	8
LLB 180	Criminal Law and Process B	Spring	8
LLB 197	Lawyers and Australian Society	Spring	6

Second Year			
LLB 220	Property and Trusts A	Autumn	8
LLB 230	Public Law A	Autumn	8
Subjects from Commerce schedule		Autumn	
LLB 270	Property and Trusts B	Spring	8
LLB 280	Public Law B	Spring	8
Subjects from Commerce schedule		Spring	
Third Year			
LLB 240	Law of Torts	Autumn	8
LLB 260	Dispute Management Skills	Autumn	2
Subjects from Commerce schedule		Autumn	
LLB 250	Drafting Skills	Spring	2
LLB 290	Legal Theory	Spring	8
LLB 397	Legal Internship	Autumn/Spring	2
Subjects from Commerce schedule		Spring	
Fourth Year			
LLB 300	Remedies and Procedure	Autumn	8
LLB 302	Law of Business Organisations	Autumn	8
Subjects from Commerce schedule		Autumn	
LLB 301	Evidence	Spring	8
2 LLB Electives		Spring	16
Subjects from Commerce schedule		Spring	
Fifth Year			
2 LLB Electives		Autumn	16
Subjects from Commerce schedule		Autumn	
1 LLB Elective		Spring	8
Subjects from Commerce schedule		Spring	

Majors

Majors are NOT available in the Bachelor of Laws course. It is necessary for students to seek appropriate advice from the Commerce Faculty on their options for majors and subject sequences.

Electives

Students must successfully complete elective subjects to the value of 40 credit points from the Bachelor of Laws Elective Law Schedule – see Bachelor of Laws (Graduate Entry).

Other Information

Further information is available at http://coursefinder.uow.edu.au/ or email: Law: law-enquiries@uow.edu.au; Commerce: commerce-enquiries@uow.edu.au

Bachelor of Communication and Media Studies

Testamur Title:	Bachelor of Communication and Media Studies
Abbreviation:	BCMS
My University:	Asia Pacific, Australian Studies, Comparative Indigenous Studies; Culture and Identities, Digital Media and Communication, English Literatures, English Language & Linguistics, Ethics, Gender Studies, Global Media, History, Human Security, International Media and Communication, Journalism and Professional Writing, Languages, Management, Marketing Communication and Advertising, Masculinities, Peace keeping, Philosophy, Politics, Postcolonial, Public Relations, Resource & Environmental, Sociology, Science & Technology, Transcultural Communication
Course Duration:	3 years full-time or part-time equivalent
Total Credit Points:	144
Delivery Mode:	On campus (Face-to-face)
Starting Session(s):	Autumn/Spring
Campus:	Wollongong
	INTI University College (Subang Jaya campus, Malaysia), Laureate International Universities
UOW Course Code:	798
UAC Code:	753110
CRICOS Code:	045471G

Overview

The Bachelor of Communication and Media Studies degree is an interdisciplinary degree that offers students a broad introduction to the changing fields of communication and media. This degree has a strong international focus, and places emphasis on students developing independent research skills that are appropriate to a wide range of professional settings. Students are introduced to core concepts in the academic study of media and communication practice, as well as to flexible and transferable skills that will prepare graduates for informed engagement with global media culture across a range of careers.

Entry Requirements / Assumed Knowledge

NSW HSC entry through UAC

Students apply through UAC and satisfy the ATAR (previously UAI) requirement for the year of application.

Assumed Knowledge: Any two units of English.

Other Secondary Qualifications

Students with secondary qualifications outside NSW and without an ATAR will be considered on a case-by-case basis.

Tertiary Qualifications

Applications will be considered from students with the following tertiary qualifications:

A completed two-year Diploma or Advanced Diploma from TAFE or another accredited institution;

Not less than one-sixth of a Bachelor degree from an approved University;

Other tertiary courses approved by the University of Wollongong.

Overseas Qualifications

Students with tertiary qualifications obtained overseas will be considered provided that they satisfy the University's minimum admission requirements.

Alternative Entry (Domestic applicants)

Applicants who achieve an appropriate score in one of the following qualifications may be considered for admission:

Overseas Year 12, equivalent to Year 12 in Australia.

TAFE Tertiary Preparation Certificate (TPC).

A Diploma or Foundation Studies Program from a recognised private institution

University Access Program (Wollongong College Australia) - for people over 21 years of age, or are 21 during the course of the program.

Special Tertiary Admissions Test (STAT) for people over 20 years of age on 1 March in the year preceding enrolment.

Indigenous and Torres Strait islander alternative entry program

Course Requirements

To qualify for award of the degree of Bachelor of Communication and Media Studies course code 798 a student must complete a total of at least 144 credit points from subjects listed in the Course Structure of the Bachelor of Communication and Media Studies and other subjects as approved by the Faculty.

The 144 credit points shall include:

a) The subjects prescribed in the 48 credit point core of subjects that all students must complete. Within this core there are both compulsory subjects, and subjects that students can choose from within a specified set of choices, described in the Course Program below;

b) At least one of the four majors in this degree: Digital Media and Communication, International Media and Communication, Journalism and Professional Writing, Marketing Communication and Advertising;

c) To complete the credit points required for the degree, students can take another major, a minor or elective subjects offered by any faculty.

d) Not more than 60 credit points in 100-level subjects.

e) ARTS100 Peer-2-Peer Mentoring.

Peer-2-Peer Mentoring

Peer-2-Peer Mentoring (subject code ARTS100) is a compulsory zero credit point subject that must be undertaken by each student during their first year. This subject consists of a one hour weekly tutorial during the student's first session of study. This subject is designed to enable incoming students to adapt rapidly to the tertiary environment and engage with the university community.

Students can find information at www.uow.edu.au/arts/current/artscentral/UOW087916.html

Majors and Minors

Students can undertake a double major in their degree. As long as the first major is taken from those offered by the Faculty, the second major can be taken from any other faculty, provided students meet the requirements for that major. The most common second majors taken outside the Faculty include Economics, Geography, Management, Marketing and Psychology. If the two majors have common subjects, students can count one subject twice towards the majors but cannot count the credit points twice towards those required for the degree.

Minor studies consist of a minimum of 28 credit points of which no more than 12 credit points at 100 level can be counted. Students may not cross count subjects from a nominated minor into any other minor or major. Minors do not appear on the testamur but do appear on the transcript (i.e. academic record).

Where a minor is taken from outside of an Arts degree, refer to the requirements prescribed for that minor.

Course Program

Subject Code	Subject Name	Credit Points	Session
BCMS Core			
(all BCMS students must complete the following subjects)			
BCM 110	Introduction to Communication and Media Studies	6	Autumn
BCM 210	Research Practices in Media and Communication	8	Autumn
BCM 310	Emerging Issues in Media and Communication	8	Autumn
Three of the following foundational subjects:			
PHIL106	Media, Ethics and Law	6	Spring
BCM 111	Transnational Media and Communication	6	Spring
BCM 112	Convergent Media Practices	6	Autumn
JOUR101	Introduction to Journalism & Professional Writing	6	Spring
MGMT102	Business Communication	6	Autumn

Plus one of the following upper level subjects:			
BCM 240	Media, Audience, Place	8	Spring
POL 224	Politics and the Media	8	Spring
STS 288	Risk, Media and Communication	8	Autumn
BCM 311	Advanced Seminar in Media and Communication	8	Spring

Major (48-52 credit points)

Digital Media and Communication

Students must complete BCM 112 (Convergent Media Practices) before commencing this major.

The internet revolution has brought to life a new ecology of networked digital media, radically changing the way we work, play, and communicate. The DIGC major uses an innovative blend of teaching methods to ensure that graduates have the necessary communication competencies to navigate and take the lead in the ongoing digital media revolution. Compulsory subjects provide students with an understanding of the core cultural and technological dynamics of contemporary digital media. These subjects offer a framework of practical competencies to operate successfully as a professional communicator in a global media environment. Elective subjects allow students to develop digital media skills and understanding in important applied contexts such as Journalism, Political Communication, and Media Arts. Students in this major will be equipped with critical awareness and practical skills suited to a wide range of employment opportunities in the traditional and new media industries.

Minor

A minor in Digital Media and Communications requires students to complete BCM 112 and DIGC202 plus any two subjects from the major including one at 300-level.

Subject Code	Subject Name	Credit Points	Session
Students must complete the following subjects:			
MEDA101	Introduction to Media Arts	6	Autumn
DIGC202	Global Networks	8	Spring
Plus one of the following subjects:			
DIGC302	Digital Communication Practice: Final Project	8	Spring
MEDA301	Media Arts Workshop	6	Autumn
Students must complete a minimum of 28cp of subjects from these electives, and ensure that they have completed a minimum of 24cp at 300 level including either DIGC302 or MEDA301 above.			
MEDA102	Computational Media	6	Spring
JOUR206	Convergent Digital Journalism	8	Spring
DIGC210	Digital Dissent	8	Autumn
MEDA201	Time, Space and Data	6	Autumn
MEDA202	System, Play and Interaction	6	Spring
DIGC310	Digital Game Cultures	8	Autumn
DIGC330	Digital Asia	8	Spring
DIGC335	Cybercultures	8	Autumn
MEDA302	Media Arts Project	6	Spring

Major (48 credit points)

International Media and Communication (48 credit points)

Students must complete BCM 111 (Transnational Media and Communication) before commencing this major.

Contemporary graduates will confront the opportunities and challenges of globalisation in both their work and personal lives. The global reach of the media and communication industries and the cultural diversity generated by new virtual workplaces both create a demand for graduates with a grounding in international media and communication studies. This major focuses on strengthening skills in negotiating cultural difference and diversity, introducing students to international media networks and infrastructure, and on building capacity among students to produce and interpret media content within a range of local, national and international contexts. The major draws from a range of disciplines. At its core, the IMAC major is designed to produce graduates who have a cosmopolitan outlook and a strong sense of their opportunities and responsibilities as global media citizens.

Minor

A minor in International Media and Communication requires students to complete BCM 111 and any three subjects from the major including one at 300-level.

At 200-Level			
Students must complete three of these			
Subject Code	**Subject Name**	**Credit Points**	**Session**
BCM 232	Key concepts in International Media and Communication	8	Autumn
BCM 240	Media, Audience, Place	8	Spring
BCM 288	Transnational Media and Culture Industries	8	Spring
CST 222	Global Television Revolution	8	Autumn
DIGC202	Global Networks	8	Spring
ELL 210	Communication across cultures	8	Autumn
At 300-Level			
Students must complete three of these, including BCM 332			
BCM 330	Australian Content, Global Contexts	8	Autumn
BCM 332	Global Media Citizenship	8	Spring
BCM 390	Media, War and Peace	8	Autumn
CST 333	Hollywood and Beyond: Genres across cultures	8	Spring
DIGC330	Digital Asia	8	Spring

Major (48 credit points)

Journalism and Professional Writing

Students must complete JOUR101 (Introduction to Journalism & Professional Writing) and PHIL106 (Media, Ethics and Law) before commencing this major.

The Journalism and Professional Writing major equips its graduates with the core skills in a range of fields, including journalism, government and corporate communications. The program recognises that writing and research are the skills that underpin modern communications, and that online delivery is central to the provision of information and cultural participation. With this in mind, students learn to source stories and write for a range of publications within the overall news ecology, including newspapers, magazines and websites. In the professional writing subjects they learn how to produce a range of corporate documents, ranging from briefing papers and speeches to company reports and policy documents. All students learn how to publish their work. Students wishing to develop broadcast skills may apply for entry into the six month Graduate Certificate in Broadcast Journalism offered by the faculty of Creative Arts.

Minor

A minor in Journalism and Professional Writing requires students to complete JOUR101 and 3 subjects from 200-level and 300-level (with at least one subject at 300-level)

Students must complete the following subjects:			
Subject Code	**Subject Name**	**Credit Points**	**Session**
JOUR101	Introduction to Journalism and professional writing	6	Spring
JOUR206	Convergent Digital Journalism	8	Spring
JOUR202	Feature Writing	8	Autumn
JOUR205	Professional Writing 1: Writing for Organisations	6	Autumn
Plus two of the subjects below:			
JOUR302	Directed Study/ Practice	8	Autumn/Spring
JOUR301	Investigative Reporting	8	Autumn
JOUR311	Newsroom Practice	8	Autumn/Spring
Plus one subject below:			
JOUR305	Professional Writing 2: Editing and Publication	6	Autumn
JOUR345	Professional Writing 3: Professional Editing for Industry	8	Spring
JOUR350	Lifestyle & Arts Journalism	6	Spring

Major (48 credit points)

Marketing Communication and Advertising

This major will provide an understanding of the important roles that business and marketing communication play in engaging, building and maintaining key relationships with a diverse set of stakeholder groups, including employees and customers. Compulsory communication-orientated subjects including Advertising, Public Relations and Corporate Branding ensure that students are exposed to relational concepts via an appropriate mix of theory, practice and application. Elective subjects allow students to consider and apply these concepts within other important marketing contexts, such as International Marketing, Internet Marketing, Tourism Marketing and Social Marketing. Students undertaking this Major will gain access to real world organisations and communication projects, aiding understanding while providing critical experience in preparation for future employment.

Minor

A minor in Marketing Communication and Advertising will require students to complete the following:

MARK101

MARK250

PRMM201

PRMM303

Students may not cross-count any subjects from the minor in any other minor or major study. This version of the minor is therefore not available to students undertaking the Bachelor of Commerce either as a single degree or in any double degree combination. Students enrolled in the Bachelor of Commerce and related double degrees, for whom MARK101 is a compulsory subject, may complete a minor in Marketing Communication and Advertising by substituting MGMT102 as follows:

MGMT102

MARK250

PRMM201

PRMM303

Students must complete the following subjects			
Subject Code	**Subject Name**	**Credit Points**	**Session**
MGMT102	Business Communication	6	Autumn
MARK101	Marketing Principles	6	Autumn/Spring
PRMM201	Public Relations Concepts	6	Autumn
MARK250	Advertising Practice and Creative Strategies	6	Spring
MARK333	Marketing Communication and Advertising	6	Autumn
PRMM303	Corporate Identity and Branding	6	Spring
And two of the following subjects:			
MARK301	Internet Applications for Marketing	6	Autumn
MARK320	Social Marketing	6	Spring
MARK343	International Marketing	6	Autumn
MARK395	Tourism Marketing	6	Spring

Internship and International Subjects

The Arts internship program provides students with an opportunity to apply the knowledge and skills acquired in their degree in a workplace setting. The internship subject ARTS301 is offered in autumn and spring sessions, all Arts students can enrol into ARTS301 providing they meet the pre-requisites. Another popular internship facilitated by the Faculty is the Politics Internships. The Politics internship subject POL 301 presents interested students with the opportunity to be an intern at Washington, New York or Canberra. Read more about the Arts Faculty Internship Program on our website www.uow.edu.au/arts/current/internships/index.html

One of the Faculty's aims is to encourage students to study in an overseas university. Students can study abroad for a full session taking three to four subjects, or can study abroad for a shorter period of time by taking a study tour. The Faculty's study tour subjects currently focus on War History and incorporate visits to Gallipoli and the Western Front. Both subjects are listed below:

HIST265	Gallipoli Study Tour	N/O 2013
HIST270	Western Front Study Tour	Winter

Honours

See separate entry for the Bachelor of Communication and Media Studies Honours

The Honours Handbook can be accessed as a PDF document from the Faculty home page at: http://www.uow.edu.au/arts/

Transfer option into the BCMS Dean's Scholar degree or Double Degree

In January of each year, the Faculty of Arts invites applications from high achieving students to apply to transfer into the Bachelor of Communication and Media Studies (Dean's Scholar) Degree or Double Degree.

Selection Criteria

To be eligible to apply for a place in the BCMS Dean's Scholar degree or Double Degree, applicants would normally meet the following criteria:

- Currently enrolled in the BCMS 798 or any other degree;
- Full-time student;
- Have successfully completed two full sessions of study or 8 subjects;
- Have a WAM (weighted average mark) of at least 80.

For more information including the full list of Dean's Scholar degrees and to how to apply online visit: http://www.uow.edu.au/arts/current/transferdeanscholar/index.html.

Credit Arrangements

Please see General Course Rules for more Information.

Assessment

Assessment in this course varies between subjects and typically includes a combination of essays, tutorial/seminar presentations, WebCT exercises and, in some subjects, in-class tests and/or exams. Some subjects may have an additional practical component. The assessment requirements of each subject are set out in the individual subject outlines, which students receive in the first week of session.

Other Information

Further information is available at http://coursefinder.uow.edu.au/ or email: fac-arts@uow.edu.au

Bachelor of Communication and Media Studies (Dean's Scholar)

Testamur Title:	Bachelor of Communication and Media Studies (Dean's Scholar)
Abbreviation:	BCMS (Dean's Schol)
My University:	Asia Pacific, Australian Studies, Comparative Indigenous Studies; Culture and Identities, Digital Media and Communication, English Literatures, English Language & Linguistics, Ethics, Gender Studies, Global Media, History, Human Security, International Media and Communication, Journalism and Professional Writing, Languages, Management, Marketing Communication and Advertising, Masculinities, Peace keeping, Philosophy, Politics, Postcolonial, Public Relations, Resource & Environmental, Sociology, Science & Technology, Transcultural Communication
Duration:	3 years full-time or part-time equivalent
Total Credit Points:	144
Delivery Mode:	On campus (Face-to-face)
Starting Session(s):	Autumn/Spring
Location:	Wollongong
UOW Course Code:	324
UAC Code:	753111
CRICOS Code:	045471G

Overview

The Dean's Scholar Degree provides an academic space for high-achieving single degree Communication and Media Studies students. With a limited intake of students per year, it aims to provide an enriched educational experience for high-achieving, motivated students who are hoping to make a contribution to their field of study through teaching or research, or by working as professionals in their chosen area of study.

Dean's Scholars have the opportunity to attempt subjects not normally available to first-year students. They may be granted exemption from certain first-year subjects and may be permitted extended subject loads, enabling them to complete the degree in less than the normal time and enter Honours in their third year. Dean's Scholars have an academic mentor, a member of academic staff who undertakes to offer advice in the scholar's major area of study.

The Dean's Scholar degree is not a scholarship. Students intending to apply for a place in this degree are encouraged to apply for the University's Undergraduate, Residential, Foundation or Equity and Merit Scholarships.

Dean's Scholar students benefit from:

- Access to shared study and workspace;
- Yearly text book/resource allowance for full-time students;
- Limited printing privileges;
- Dean's Scholars lunch time seminar series (seminars are conducted by high profile academic staff as well as visiting fellows);
- Opportunities to attend academic and higher degree research workshops and seminars;
- End of year Dean's Scholars Annual Dinner;
- Extended Library privileges.

The Sub Deans of the Faculty oversee the program and have regular meetings with the scholars. Dean's Scholars are assigned an academic mentor – a member of academic staff who nominates to advise the student on matters concerned with the degree. On successful completion of the first part of the course, Dean's Scholars will be guaranteed admission to Honours.

Dean's Scholars must undertake at least one major study from the Bachelor of Communication and Media Studies as well as complete the core requirements of the degree. They may also take any of the major or minor studies areas as set out in this Handbook under the entry for the Bachelor of Arts 702.

Dean's Scholars are able to use the University's student exchange program to undertake a period of study overseas. Several Dean's Scholars have competed successfully for places in the Australian National Internship Program or the University Capitol Washington Internship Program which places students in political offices in Canberra or Washington D.C. respectively.

Entry requirements

Entry to the Bachelor of Communication and Media Studies (Dean's Scholar) is based on an ATAR set by the Faculty as well as an interview.

Course Requirements

To qualify for award of the degree of Bachelor of Communication and Media Studies (Dean's Scholar) course code 324 a student must complete a total of at least 144 credit points from subjects listed in the Course Structure of the Bachelor of Communication and Media Studies and other subjects as approved by the Faculty.

The 144 credit points shall include:

a) The subjects prescribed in the 48 credit point core of subjects that all students must complete. Within this core there are both compulsory subjects, and subjects that students can choose from within a specified set of choices, described in the Course Program below;

b) At least one of the four majors in this degree: Digital Media and Communication, International Media and Communication, Journalism and Professional Writing, Marketing Communication and Advertising;

c) To complete the credit points required for the degree, students can take a second major, minor or elective subjects offered by other faculties.

d) Not more than 60 credit points in 100-level subjects.

e) maintaining an average mark of 75% or better

f) ARTS100 Peer-2-Peer Mentoring.

Peer-2-Peer Mentoring

Peer-2-Peer Mentoring (subject code ARTS100) is a compulsory zero credit point subject that must be undertaken by each student during their first year. This subject consists of a one hour weekly tutorial during the student's first session of study. This subject is designed to enable incoming students to adapt rapidly to the tertiary environment and engage with the university community.

Students can find information at www.uow.edu.au/arts/current/artscentral/UOW087916.html

Majors and Minors

Students can undertake a double major in their degree. As long as the first major is taken from those offered by the Faculty, the second major can be taken from any other faculty, provided students meet the requirements for that major. The most common second majors include Economics, Geography, Management, Marketing and Psychology. If

the two majors have common subjects, students can count one subject twice towards the majors but cannot count the credit points twice towards those required for the degree.

Minor studies consist of a minimum of 28 credit points of which no more than 12 credit points at 100 level can be counted. Students may not cross count subjects from a nominated minor into any other minor or major. Minors do not appear on the testamur but do appear on the transcript (i.e. academic record).

Where a minor is taken from outside of an Arts degree, refer to the requirements prescribed for that minor.

Course Program

Subject Code	Subject Name	Credit Points	Session
BCMS Core (all BCMS students must complete the following subjects)			
BCM 110	Introduction to Communication and Media Studies	6	Autumn
BCM 210	Research Practices in Media and Communication	8	Autumn
BCM 310	Emerging Issues in Media and Communication	8	Autumn
Three of the following foundational subjects:			
PHIL106	Media, Ethics and Law	6	Spring
BCM 111	Transnational Media and Communication	6	Spring
BCM 112	Convergent Media Practices	6	Autumn
JOUR101	Introduction to Journalism & Professional Writing	6	Spring
MGMT102	Business Communication	6	Autumn
Plus one of the following upper level subjects:			
BCM 240	Media, Audience, Place	8	Spring
POL 224	Politics and the Media	8	Spring
STS 288	Risk, Media and Communication	8	Autumn
BCM 311	Advanced Seminar in Media and Communication	8	Spring

Major (48-52 credit points)

Digital Media and Communication

Students must complete BCM 112 (Convergent Media Practices) before commencing this major.

The internet revolution has brought to life a new ecology of networked digital media, radically changing the way we work, play, and communicate. The DIGC major uses an innovative blend of teaching methods to ensure that graduates have the necessary communication competencies to navigate and take the lead in the ongoing digital media revolution. Compulsory subjects provide students with an understanding of the core cultural and technological dynamics of contemporary digital media. These subjects offer a framework of practical competencies to operate successfully as a professional communicator in a global media environment. Elective subjects allow students to develop digital media skills and understanding in important applied contexts such as Journalism, Political Communication, and Media Arts. Students in this major will be equipped with critical awareness and practical skills suited to a wide range of employment opportunities in the traditional and new media industries.

Minor

A minor in Digital Media and Communications requires students to complete BCM 112 and DIGC202 plus any two subjects from the major including one at 300-level.

Students must complete the following subjects:			
Subject Code	Subject Name	Credit Points	Session
MEDA101	Introduction to Media Arts	6	Autumn
DIGC202	Global Networks	8	Spring
Plus one of the following subjects:			
DIGC302	Digital Communication Practice: Final Project	8	Spring
MEDA301	Media Arts Workshop	6	Autumn
Students must complete a minimum of 28cp of subjects from these electives, and ensure that they have completed a minimum of 24cp at 300 level including either DIGC302 or MEDA301 above.			
MEDA102	Computational Media	6	Spring
JOUR206	Convergent Digital Journalism	8	Spring
DIGC210	Digital Dissent	8	Autumn
MEDA201	Time, Space and Data	6	Autumn
MEDA202	System, Play and Interaction	6	Spring
DIGC310	Digital Game Cultures	8	Autumn
DIGC330	Digital Asia	8	Spring
DIGC335	Cybercultures	8	Autumn
MEDA302	Media Arts Project	6	Spring

Major (48 credit points)

International Media and Communication (48 credit points)

Students must complete BCM 111 (Transnational Media and Communication) before commencing this major.

Contemporary graduates will confront the opportunities and challenges of globalisation in both their work and personal lives. The global reach of the media and communication industries and the cultural diversity generated by new virtual workplaces both create a demand for graduates with a grounding in international media and communication studies. This major focuses on strengthening skills in negotiating cultural difference and diversity, introducing students to international media networks and infrastructure, and on building capacity among students to produce and interpret media content within a range of local, national and international contexts. The major draws from a range of disciplines. At its core, the IMAC major is designed to produce graduates who have a cosmopolitan outlook and a strong sense of their opportunities and responsibilities as global media citizens.

Minor

A minor in International Media and Communication requires students to complete BCM 111 and any three subjects from the major including one at 300-level.

At 200-Level Students must complete three of these, including at least one from each strand			
Subject Code	Subject Name	Credit Points	Session
BCM 232	Key concepts in International Media and Communication	8	Autumn
BCM 240	Media, Audience, Place	8	Spring
BCM 288	Transnational Media and Culture Industries	8	Spring
CST 222	Global Television Revolution	8	Autumn
DIGC202	Global Networks	8	Spring
ELL 210	Communication across cultures	8	Autumn
At 300-Level Students must complete three of these, including BCM 332			
BCM 330	Australian Content, Global Contexts	8	Autumn
BCM 332	Global Media Citizenship	8	Spring
BCM 390	Media, War and Peace	8	Autumn
CST 333	Hollywood and Beyond: Genres across cultures	8	Spring
DIGC330	Digital Asia	8	Spring

Major (48 credit points)

Journalism and Professional Writing

Students must complete JOUR101 (Introduction to Journalism & Professional Writing) and PHIL106 (Media, Ethics and Law) before commencing this major.

The Journalism and Professional Writing major equips its graduates with the core skills in a range of fields, including journalism, government and corporate communications. The program recognises that writing and research are the skills that underpin modern communications, and that online delivery is central to the provision of information and cultural participation. With this in mind, students learn to source stories and write for a range of publications within the overall news ecology, including newspapers, magazines and websites. In the professional writing subjects they learn how to produce a range of corporate documents, ranging from briefing papers and speeches to company reports and policy documents. All students learn how to publish their work. Students wishing to develop broadcast skills may apply for entry into the six month Graduate Certificate in Broadcast Journalism offered by the faculty of Creative Arts.

Minor

A minor in Journalism and Professional Writing requires students to complete JOUR101 and 3 subjects from 200-level and 300-level (with at least one subject at 300-level)

Students must complete the following subjects:			
Subject Code	Subject Name	Credit Points	Session
JOUR101	Introduction to Journalism and professional writing	6	Spring
JOUR206	Convergent Digital Journalism	8	Spring
JOUR202	Feature Writing	8	Autumn
JOUR205	Professional Writing 1: Writing for Organisations	6	Autumn
Plus two of the subjects below:			
JOUR302	Directed Study/ Practice	8	Autumn/Spring
JOUR301	Investigative Reporting	8	Autumn
JOUR311	Newsroom Practice	8	Autumn/Spring
Plus one subject below:			
JOUR305	Professional Writing 2: Editing and Publication	6	Autumn
JOUR345	Professional Writing 3: Professional Editing for Industry	8	Spring
JOUR350	Lifestyle & Arts Journalism *subject to approval*	6	Spring

Major (48 credit points)

Marketing Communication and Advertising

This major will provide an understanding of the important roles that business and marketing communication play in engaging, building and maintaining key relationships with a diverse set of stakeholder groups, including employees and customers. Compulsory communication-orientated subjects including Advertising, Public Relations and Corporate Branding ensure that students are exposed to relational concepts via an appropriate mix of theory, practice and application. Elective subjects allow students to consider and apply these concepts within other important marketing contexts, such as International Marketing, Internet Marketing, Tourism Marketing and Social Marketing. Students undertaking this Major will gain access to real world organisations and communication projects, aiding understanding while providing critical experience in preparation for future employment.

Minor

A minor in Marketing Communication and Advertising will require students to complete the following:

MARK101

MARK250

PRMM201

PRMM303

Students may not cross-count any subjects from the minor in any other minor or major study. This version of the minor is therefore not available to students undertaking the Bachelor of Commerce either as a single degree or in any double degree combination. Students enrolled in the Bachelor of Commerce and related double degrees, for whom MARK101 is a compulsory subject, may complete a minor in Marketing Communication and Advertising by substituting MGMT102 as follows:

MGMT102

MARK250

PRMM201

PRMM303

Students must complete the following subjects			
Subject Code	Subject Name	Credit Points	Session
MGMT102	Business Communication	6	Autumn
MARK101	Marketing Principles	6	Autumn/Spring
PRMM201	Public Relations Concepts	6	Autumn
MARK250	Advertising Practice and Creative Strategies	6	Spring
MARK333	Marketing Communication and Advertising	6	Autumn
PRMM303	Corporate Identity and Branding	6	Spring

And two of the following subjects:			
MARK301	Internet Applications for Marketing	6	Autumn
MARK320	Social Marketing	6	Spring
MARK343	International Marketing	6	Autumn
MARK395	Tourism Marketing	6	Spring

Internship and International Subjects

The Arts Faculty internship program provides students with an opportunity to apply the knowledge and skills acquired in their degree in a workplace setting. The internship subject ARTS301 is offered in autumn and spring sessions, all Arts students can enrol into ARTS301 providing they meet the pre-requisites. Another popular internship facilitated by the Faculty of Arts is the Politics Internships. The Politics internship subject POL 301 presents interested students with the opportunity to be an intern at Washington, New York or Canberra. Read more about the Arts Faculty Internship Program on our website www.uow.edu.au/arts/current/internships/index.html

One of the Faculty's aims is to encourage students to study in an overseas university. Students can study abroad for a full session taking three to four subjects, or can study abroad for a shorter period of time by taking a study tour. The Faculty's study tour subjects currently focus on War History and incorporate visits to Gallipoli and the Western Front. Both subjects are listed below:

HIST265	Gallipoli Study Tour	N/O 2013
HIST270	Western Front Study Tour	Winter

Honours

See separate entry for the Bachelor of Communication and Media Studies Honours

The Honours Handbook can be accessed as a PDF document from the Faculty home page at: http://www.uow.edu.au/arts/

Transfer option into the BCMS Dean's Scholar degree or Double Degree

In January of each year, the Faculty of Arts invites applications from high achieving students to apply to transfer into the Bachelor of Communication and Media Studies (Dean's Scholar) Degree or Double Degree.

Selection Criteria

To be eligible to apply for a place in the BCMS Dean's Scholar degree or Double Degree, applicants would normally meet the following criteria:

- Currently enrolled in the BCMS 798 or any other degree;
- Full-time student;
- Have successfully completed two full sessions of study or 8 subjects;
- Have a WAM (weighted average mark) of at least 80.

For more information including the full list of Dean's Scholar degrees and to how to apply online visit: http://www.uow.edu.au/arts/current/transferdeanscholar/index.html.

Credit Arrangements

Please see General Course Rules for more Information.

Assessment

Assessment in this course varies between subjects and typically includes a combination of essays, tutorial/seminar presentations, WebCT exercises and, in some subjects, in-class tests and/or exams. Some subjects may have an additional practical component. The assessment requirements of each subject are set out in the individual subject outlines, which students receive in the first week of session.

Other Information

Further information is available at http://coursefinder.uow.edu.au/ or email: fac-arts@uow.edu.au

Bachelor of Communication and Media Studies Honours

Testamur Title:	Bachelor of Communication and Media Studies Honours
Abbreviation:	BCM (Hons)
My University:	Asia Pacific, Australian Studies, Comparative Indigenous Studies; Culture and Identities, Digital Media and Communication, English Literatures, English Language & Linguistics, Ethics, Gender Studies, Global Media, History, Human Security, International Media and Communication, Journalism and Professional Writing, Languages, Management, Marketing Communication and Advertising, Masculinities, Peace keeping, Philosophy, Politics, Postcolonial, Public Relations, Resource & Environmental, Sociology, Science & Technology, Transcultural Communication
Duration:	1 year full-time or part-time equivalent
Total Credit Points:	48
Delivery Mode:	On campus
Starting Session(s):	Normally Autumn, but some schools permit mid-year entry
Location:	Wollongong
UOW Course Code:	878
UAC Code:	N/A
CRICOS Code:	056219G

Overview

BCMS (Hons) consists of 50% coursework and 50% research work. The coursework is divided into two subjects, each worth 12 credit points. The first subject is compulsory for all students – ARTS470, Research in the Social Sciences and Humanities; the second coursework subject is a discipline–specific subject. The research component takes the form of a research thesis (24 credit points), devised and completed under the supervision of an academic employed in the Faculty of Arts. Co-supervision may be arranged, with the approval of the Faculty's Honours Coordinator.

Entry Requirements

Major in BCMS, achieving 75% average across the Major, including two Distinctions at 3rd year level.

Course Requirements

The program consists of coursework (which makes up 50% of the final mark) and a research thesis (which makes up 50% of the final mark).

Grade of Honours

The overall grade of Honours is determined by calculation of the weighted average mark (WAM) for the 400-level subject in which the student is enrolled. Honours are awarded in the following categories:

- Class I (WAM 85 to 100%)
- Class II, Division 1 (WAM 75 to 84%)
- Class II, Division 2 (WAM 65 to 74%)
- Class III (WAM 50 to 64%)
- If the WAM is below 50%, an Honours grade is not awarded.

Areas of Study in Honours

Students may also undertake Joint Honours where two of the areas set out above can be combined or when a discipline from the Faculty of Arts is combined with a discipline from another Faculty. Students who are intending to undertake Joint Honours should consult the Faculty Honours Co-ordinator.

Honours Guide and Code of Practice (Honours)

The Faculty of Arts Honours Guide provides detailed information on all Honours courses. It is provided in hard copy to all honours students and can be accessed as a PDF document.

Students are advised to refer to the following University of Wollongong web site for access to the Code of Practice - Honours

Honours Subjects

Full-time students enrol in one 24 credit point subject each session. Part-time students enrol in the 12 credit point equivalent each session. The way the subject is constituted (i.e. the relationship between thesis and coursework) is determined by individual Programs and/or Schools. Details of the Honours courses offered by different Programs are outlined below.

Program of Study

Full Time Student – Commence Autumn 2013			
Subject Code	**Subject Name**	**Credit Points**	**Session**
ARTS470	Research in the Social Sciences and Humanities	12	Autumn 2013
Discipline Specific Subject*	Discipline Specific Subject*	12	Spring 2013
ARTS480	Thesis (Full-time)	24	Annual
Part Time Student – Commence Autumn 2013			
Subject Code	**Subject Name**	**Credit Points**	**Session**
ARTS470	Research in the Social Sciences and Humanities	12	Autumn 2013
Discipline Specific Subject*	Discipline Specific Subject*	12	Spring 2013
ARTS482	Thesis (Part-time)	12	Autumn 2014
ARTS482	Thesis (Part-time)	12	Spring 2014
Discipline Specific Subjects*			
Subject Code	**Subject Name**	**Credit Points**	
BCM 470	Bachelor of Communication and Media Studies Honours	12	
BCM 472	Bachelor of Communication and Media Studies Joint Honours	12	

Other Information

Further information is available at http://coursefinder.uow.edu.au/ or email: Arts - fac-arts@uow.edu.au

Bachelor of Communication and Media Studies - Bachelor of Commerce

Testamur Title:	Bachelor of Communication and Media Studies - Bachelor of Commerce
Abbreviation:	BCMS-BCom
My University:	Journalism and Professional Writing, Marketing Communication and Advertising, International Media and Communication, Digital Media and Communication
Duration:	4.5 years full-time or part-time equivalent
Total Credit Points:	216
Delivery Mode:	On campus (Face-to-face)
Starting Session(s):	Autumn/Spring
Location:	Wollongong
UOW Course Code:	795
UAC Code:	751351
CRICOS Code:	049641G

**Students eligible for Credit Transfer may begin in Summer Session if appropriate subjects are available*

Overview

This double degree program enables students to combine the prescribed major and a major study from the Bachelor Communication and Media Studies with the core subjects and a major from the Bachelor of Commerce. Many students interested in communication studies want to work at management level in the business sector. The double degree allows students a little more space to extend their business focus. The core subjects and the other majors in the degree (journalism and professional writing, for example) add employment options to the degree program.

Entry Requirements/Assumed Knowledge

- NSW entry through UAC: Students apply through UAC and satisfy the ATAR requirements for the year of application or conditions set down for early entry. Assumed knowledge: any two units of English.
- Other Secondary Qualifications: Students with secondary qualifications outside NSW and the ACT will be considered on a case-by-case basis.
- Tertiary Qualifications: A completed Diploma or Advanced Diploma from TAFE or other accredited institutions; not less than one-sixth of a Bachelor degree from an approved university; other tertiary courses approved by the University of Wollongong.
- Overseas Qualifications: Students with overseas tertiary qualifications will be considered provided they satisfy the University's minimum admission requirements.
- Alternative Entry (Domestic applicants): TAFE Tertiary Preparation Certificate; Diploma or Foundation Studies Program from a recognised private institution; University Access Program (Wollongong (Wollongong College Australia) for people 21 and over; STAT test for students over 20 on 1 March in year preceding enrolment; UAP for students over 21 years of age; Aboriginal and Torres Strait Islander alternative entry program.

Course Requirements

To qualify for award of the double degree of Bachelor of Communication and Media Studies/Bachelor of Commerce course code 795 a student must complete a total of at least 216 credit points.

The 216 credit points shall include:

a) For the Bachelor of Commerce component, students must complete 54 credit points of core subjects (including the capstone subject), plus a 48 credit point major (of this 48 credit point major at least 18 credit points must be at 300-level);

b) The core subjects prescribed (48 credit points) for the Bachelor of Communication and Media Studies;

c) At least one of the four majors in the BCMS degree: Digital Media and Communication, International Media and Communication, Journalism and Professional Writing, Marketing Communication and Advertising;

d) To complete the credit points required for the double degree, students can take elective subjects offered by Arts or other faculties.

e) Not more than 90 credit points in 100-level subjects.

f) ARTS100 Peer-2-Peer Mentoring.

Peer-2-Peer Mentoring

Peer-2-Peer Mentoring (subject code ARTS100) is a compulsory zero credit point subject that must be undertaken by each student during their first year. This subject consists of a one hour weekly tutorial during the student's first session of study. This subject is designed to enable incoming students to adapt rapidly to the tertiary environment and engage with the university community.

Students can find information at www.uow.edu.au/arts/current/artscentral/UOW087916.html

Majors in the Bachelor of Communication and Media Studies

For details of the majors please refer to the Bachelor of Communication and Media Studies entry.

Majors in the Bachelor of Commerce

For details of the majors please refer to the Bachelor of Commerce entry.

Minor Study

Students can take Minors as part of their double degree program provided they meet the requirements set. Minor studies consist of a minimum of 28 credit points of which no more than 12 credit points at 100 level can be counted. Students may not cross count subjects from a nominated minor into any other minor or major. Minors do not appear on the testamur but do appear on the transcript (i.e. academic record).

Where a minor is taken from outside of the Faculty, refer to the requirements prescribed for that minor.

Credit Arrangements

Please see General Course Rules for more Information.

Assessment

Assessment in this course varies between subjects and typically includes a combination of essays, tutorial/seminar presentations, WebCT exercises and, in some subjects, in-class tests and/or exams. Some subjects may have an additional practical component. The assessment requirements of each subject are set out in the individual subject outlines, which students receive in the first week of session.

Honours

Students can do an Honours degree in either the Bachelor of Communication and Media Studies or the Bachelor of Commerce. This requires additional study (one year full-time, or two years part-time).

Honours may be undertaken by students who meet the requirements for enrolment.

Students should consult the single degree entries for Honours requirements. The Honours Handbook can be accessed as a PDF document.

Other Information

Further information is available at http://coursefinder.uow.edu.au/ or email: fac-arts@uow.edu.au

Bachelor of Communication and Media Studies - Bachelor of Economics and Finance

Testamur Title:	Bachelor of Communication and Media Studies - Bachelor of Economics and Finance
Abbreviation:	BCMS-BEconFin
My University:	Asia Pacific, Australian Studies, Comparative Indigenous Studies; Culture and Identities, Digital Media and Communication, English Literatures, English Language & Linguistics, Ethics, Gender Studies, Global Media, History, Human Security, International Media and Communication, Journalism and Professional Writing, Languages, Management, Marketing Communication and Advertising, Masculinities, Peace keeping, Philosophy, Politics, Postcolonial, Public Relations, Resource & Environmental, Sociology, Science & Technology, Transcultural Communication
Duration:	4.5 years full-time or part-time equivalent
Total Credit Points:	216
Delivery Mode:	On campus (Face-to-face)
Starting Session(s):	Autumn/Spring*
Location:	Wollongong
UOW Course Code:	332
UAC Code:	751355
CRICOS Code:	tba

**Students eligible for Credit Transfer may begin in Summer Session if appropriate subjects are available*

Overview

This double degree program enables students to combine the core subjects and a major study from the Bachelor Communication and Media Studies with the core subjects and a major from the Bachelor of Economics and Finance. Many students interested in communication and media can also aspire to work at a financial or economical level in the corporate sector. The double degree allows students a little more space to extend their business focus whilst also providing interesting options through the majors available in communication and media, such as Journalism and Professional Writing.

Entry Requirements/Assumed Knowledge

NSW entry through UAC: Students apply through UAC and satisfy the ATAR requirements for the year of application or conditions set down for early entry. Assumed knowledge: any two units of English.

Other Secondary Qualifications: Students with secondary qualifications outside NSW and the ACT will be considered on a case-by-case basis.

Tertiary Qualifications: A completed Diploma or Advanced Diploma from TAFE or other accredited institutions; not less than one-sixth of a Bachelor degree from an approved university; other tertiary courses approved by the University of Wollongong.

Overseas Qualifications: Students with overseas tertiary qualifications will be considered provided they satisfy the University's minimum admission requirements.

Alternative Entry (Domestic applicants): TAFE Tertiary Preparation Certificate; Diploma or Foundation Studies Program from a recognised private institution; University Access Program (Wollongong (Wollongong College Australia) for people 21 and over; STAT test for students over 20 on 1 March in year preceding enrolment; UAP for students over 21 years of age; Aboriginal and Torres Strait Islander alternative entry program.

Course Requirements

To qualify for award of the double degree of Bachelor of Communication and Media Studies/Bachelor of Economics and Finance course code 332 a student must complete a total of at least 216 credit points.

The 216 credit points shall include:

a) For the Bachelor of Economics and Finance component, students must complete 54 credit points of core subjects (including the capstone subject), plus a 48 credit point major (of this 48 credit point major at least 18 credit points must be at 300-level);

b) The core subjects prescribed (48 credit points) for the Bachelor of Communication and Media Studies;

c) At least one of the four majors in the BCMS degree: Digital Media and Communication, International Media and Communication, Journalism and Professional Writing, Marketing Communication and Advertising;

d) To complete the credit points required for the double degree, students can take elective subjects offered by the Faculty of Arts or other faculties.

e) Not more than 90 credit points in 100-level subjects.

f) ARTS100 Peer-2-Peer Mentoring.

Peer-2-Peer Mentoring

Peer-2-Peer Mentoring (subject code ARTS100) is a compulsory zero credit point subject that must be undertaken by each student during their first year. This subject consists of a one hour weekly tutorial during the student's first session of study. This subject is designed to enable incoming students to adapt rapidly to the tertiary environment and engage with the university community.

Students can find information at www.uow.edu.au/arts/current/artscentral/UOW087916.html

Majors in the Bachelor of Communication and Media Studies

For details of the majors please refer to the Bachelor of Communication and Media Studies entry.

Majors in the Bachelor of Economics and Finance

For details of the majors please refer to the Bachelor of Economics and Finance entry.

Minor Study

Students can take Minors as part of their double degree program provided they meet the requirements set. Minor studies consist of a minimum of 28 credit points of which no more than 12 credit points at 100 level can be counted. Students may not cross count subjects from a nominated minor into any other minor or major. Minors do not appear on the testamur but do appear on the transcript (i.e. academic record).

Where a minor is taken from outside of an Arts degree, refer to the requirements prescribed for that minor.

Credit Arrangements

Please see General Course Rules for more Information.

Assessment

Assessment in this course varies between subjects and typically includes a combination of essays, tutorial/seminar presentations, WebCT exercises and, in some subjects, in-class tests and/or exams. Some subjects may have an additional practical component. The assessment requirements of each subject are set out in the individual subject outlines, which students receive in the first week of session.

Honours

Students can do an Honours degree in either the Bachelor of Communication and Media Studies or the Bachelor of Economics and Finance. This requires additional study (one year full-time, or two years part-time).

Honours may be undertaken by students who meet the requirements for enrolment.

Students should consult the single degree entries for Honours requirements. The Honours Handbook can be accessed as a PDF document.

Other Information

Further information is available at http://coursefinder.uow.edu.au/ or email: fac-arts@uow.edu.au

Bachelor of Communication and Media Studies - Bachelor of International Studies

Testamur Title:	Bachelor of Communication and Media Studies – Bachelor of International Studies
Abbreviation:	BCMS-BIntlSt
My University:	Asia Pacific, Australian Studies, Comparative Indigenous Studies; Culture and Identities, Digital Media and Communication, English Literatures, English Language & Linguistics, Ethics, Gender Studies, Global Development and the Environment, Global Media, History, Human Security, International Media and Communication, International Relations, Journalism and Professional Writing, Languages, Management, Marketing Communication and Advertising, Masculinities, Peace keeping, Peace and Security Studies, Philosophy, Politics, Postcolonial, Public Relations, Resource & Environmental, Sociology, Science & Technology, Transcultural Communication
Duration:	4.5 years full-time or part-time equivalent
Total Credit Points:	216
Delivery Mode:	On campus (Face-to-face with online support)
Starting Session(s):	Autumn/Spring
Location:	Wollongong
UOW Course Code:	1819
UAC Code:	751354
CRICOS Code:	069058A

Overview

This double degree program allows students to combine the international focus of the Bachelor of International Studies with the critical perspective on media industries and practices offered by the Bachelor of Communication and Media Studies. There is a strong complementarities between the two degrees with their focus on internationalisation and globalisation from different perspectives which would suit students with an interest in careers in media and related fields in an international context.

Entry Requirements/Assumed Knowledge

NSW entry through UAC: Students apply through UAC and satisfy the ATAR requirements for the year of application or conditions set down for early entry. Assumed knowledge: any two units of English.

Other Secondary Qualifications: Students with secondary qualifications outside NSW and the ACT will be considered on a case-by-case basis.

Tertiary Qualifications: A completed Diploma or Advanced Diploma from TAFE or other accredited institutions; not less than one-sixth of a Bachelor degree from an approved university; other tertiary courses approved by the University of Wollongong.

Overseas Qualifications: Students with overseas tertiary qualifications will be considered provided they satisfy the University's minimum admission requirements.

Alternative Entry (Domestic applicants): TAFE Tertiary Preparation Certificate; Diploma or Foundation Studies Program from a recognised private institution; University Access Program (Wollongong (Wollongong College Australia) for people 21 and over; STAT test for students over 20 on 1 March in year preceding enrolment; UAP for students over 21 years of age; Aboriginal and Torres Strait Islander alternative entry program.

Course Requirements

To qualify for award of the double degree of Bachelor of Communication and Media Studies/Bachelor of International Studies course code 1819 a student must complete a total of at least 216 credit points.

The 216 credit points shall include:

a) The core subjects prescribed (52 credit points) from the Bachelor of International Studies;

b) A minimum of a minor in a language other than English (minimum of 28 credit points; students may elect to take a major in a language);

c) At least one of the four minors listed in this degree: Asia Pacific Studies; Global Development and the Environment; International Communication; Peace and Security Studies (minimum of 24 credit points but no more

than 32). These will normally be available in the second and third years of study. Upon graduation minors will appear on the transcript (i.e. academic record).

d) The core subjects prescribed (48 credit points) for the Bachelor of Communication and Media Studies;

e) At least one of the four majors from the BCMS degree: Digital Media and Communication, International Media and Communication, Journalism and Professional Writing, Marketing Communication and Advertising;

f) To complete the credit points required for the double degree, students can take elective subjects offered by all faculties.

g) Not more than 90 credit points in 100-level subjects.

h) ARTS100 Peer-2-Peer Mentoring.

Peer-2-Peer Mentoring

Peer-2-Peer Mentoring (subject code ARTS100) is a compulsory zero credit point subject that must be undertaken by each student during their first year. This subject consists of a one hour weekly tutorial during the student's first session of study. This subject is designed to enable incoming students to adapt rapidly to the tertiary environment and engage with the university community.

Students can find information at www.uow.edu.au/arts/current/artscentral/UOW087916.html

Majors in the Bachelor of Communication and Media Studies

For details of the majors please refer to the Bachelor of Communication and Media Studies entry.

Core and Minors in the Bachelor of International Studies

For details please refer to the Bachelor of International Studies entry.

Minor Study

Students can take Minors as part of their double degree program provided they meet the requirements set. Minor studies consist of a minimum of 28 credit points of which no more than 12 credit points at 100 level can be counted. Students may not cross count subjects from a nominated minor into any other minor or major. Minors do not appear on the testamur but do appear on the transcript (i.e. academic record).

Where a minor is taken from outside of an Arts degree, refer to the requirements prescribed for that minor.

Credit Arrangements

Please see General Course Rules for more Information.

Assessment

Assessment in this course varies between subjects and typically includes a combination of essays, tutorial/seminar presentations, WebCT exercises and, in some subjects, in-class tests and/or exams. Some subjects may have an additional practical component. The assessment requirements of each subject are set out in the individual subject outlines, which students receive in the first week of session.

Honours

Students can do an Honours degree in either the Bachelor of Communication and Media Studies or the Bachelor of International Studies. This requires additional study (one year full-time, or two years part-time).

Honours may be undertaken by students who meet the requirements for enrolment.

Students should consult the single degree entries for Honours requirements. The Honours Handbook can be accessed as a PDF document.

Other Information

Further information is available at http://coursefinder.uow.edu.au/ or email: fac-arts@uow.edu.au

Bachelor of Communication and Media Studies - Bachelor of International Studies (Dean's Scholar)

Testamur Title:	Bachelor of Communication & Media Studies - Bachelor of International Studies (Dean's Scholar)
Abbreviation:	BCMS-BIntlSt (Dean's Schol)
My University:	Asia Pacific, Australian Studies, Comparative Indigenous Studies; Culture and Identities, Digital Media and Communication, English Literatures, English Language & Linguistics, Ethics, Gender Studies, Global Development and the Environment, Global Media, History, Human Security, International Media and Communication, International Relations, Journalism and Professional Writing, Languages, Management, Marketing Communication and Advertising, Masculinities, Peace keeping, Peace and Security Studies, Philosophy, Politics, Postcolonial, Public Relations, Resource & Environmental, Sociology, Science & Technology, Transcultural Communication
Duration:	4.5 years full-time or part-time equivalent
Total Credit Points:	216
Delivery Mode:	On campus (Face-to-face)
Starting Session(s):	Autumn/Spring
Location:	Wollongong
UOW Course Code:	1819A
UAC Code:	751363
CRICOS Code:	tba

Overview

The Dean's Scholar degree provides an academic space for high-achieving students. With a limited intake of students per year, it aims to provide an enriched educational experience for high-achieving, motivated Arts students who are hoping to make a contribution to their field of study through teaching or research, or by working as professionals in their chosen area of study.

This double degree program enables Dean's Scholar students to combine the international focus of the Bachelor of International Studies with the critical perspective on media industries and practices offered by the Bachelor of Communication and Media Studies. There are strong complementarities between the two degrees with their focus on internationalisation and globalisation from different perspectives which would suit students with an interest in careers in media and related fields in an international context.

Dean's Scholars have the opportunity to attempt subjects not normally available to first-year students. They may be granted exemption from certain first-year subjects and may be permitted extended subject loads, enabling them to complete the degree in less than the normal time and enter Honours in their third year. Each Dean's Scholar has an academic mentor, a member of academic staff who undertakes to offer advice in the scholar's major area of study.

The Dean's Scholar degree is not a scholarship. Students intending to apply for a place in this degree are encouraged to apply for the University's Undergraduate, Residential, Foundation or Equity and Merit Scholarships.

Dean's Scholar students benefit from:

- Access to shared study and workspace;
- Yearly text book/resource allowance for full-time students;
- Limited printing privileges;
- Dean's Scholars lunch time seminar series (seminars are conducted by high profile academic staff as well as visiting fellows);
- Opportunities to attend academic and higher degree research workshops and seminars;
- End of year Dean's Scholars Annual Dinner;
- Extended Library privileges.

The Sub Deans of the Faculty oversee the program and have regular meetings with the scholars. The Dean's Scholar students are assigned an academic mentor – a member of academic staff who nominates to advise the student on matters concerned with the degree. On successful completion of the first part of the course, Dean's Scholars will be guaranteed admission to Honours.

To remain in the program, Dean's Scholars must maintain an average of 75% in each year of study. If the student's average falls below 75%, the student will be transferred into the BCMS/BIS (1819).

Dean's Scholars are able to use the University's student exchange program to undertake a period of study overseas. Several Dean's Scholars have competed successfully for places in the Australian National Internship Program or the University Capitol Washington Internship Program which places students in political offices in Canberra or Washington D.C. respectively.

Entry requirements

Entry to the Bachelor of Communication and Media Studies/Bachelor of International Studies (Dean's Scholar) is based on an ATAR set by the Faculty as well as an interview.

Course Requirements

To qualify for award of the double degree of Bachelor of Communication and Media Studies/Bachelor of International Studies (Dean's Scholar) course code 1819A a student must complete a total of at least 216 credit points.

The 216 credit points shall include:

a) The core subjects prescribed (52 credit points) from the Bachelor of International Studies;

b) A minimum of a minor in a language other than English (minimum of 28 credit points; students may elect to take a major in a language);

c) At least one of the four minors listed in this degree: Asia Pacific Studies; Global Development and the Environment; International Communication; Peace and Security Studies (minimum of 24 credit points but no more than 32). These will normally be available in the second and third years of study. Upon graduation minors will appear on the transcript (i.e. academic record).

d) The core subjects prescribed (48 credit points) for the Bachelor of Communication and Media Studies;

e) At least one of the four majors from the BCMS degree: Digital Media and Communication, International Media and Communication, Journalism and Professional Writing, Marketing Communication and Advertising;

f) To complete the credit points required for the double degree, students can take elective subjects offered by the Faculty of Arts or other faculties.

g) Not more than 90 credit points in 100-level subjects.

h) ARTS100 Peer-2-Peer Mentoring.

Peer-2-Peer Mentoring

Peer-2-Peer Mentoring (subject code ARTS100) is a compulsory zero credit point subject that must be undertaken by each student during their first year. This subject consists of a one hour weekly tutorial during the student's first session of study. This subject is designed to enable incoming students to adapt rapidly to the tertiary environment and engage with the university community.

Students can find information at www.uow.edu.au/arts/current/artscentral/UOW087916.html

Majors in the Bachelor of Communication and Media Studies

For details of the majors please refer to the Bachelor of Communication and Media Studies entry.

Core and Minors in the Bachelor of International Studies

For details please refer to the Bachelor of International Studies entry.

Minor Study

Students can take Minors as part of their double degree program provided they meet the requirements set. Minor studies consist of a minimum of 28 credit points of which no more than 12 credit points at 100 level can be counted. Students may not cross count subjects from a nominated minor into any other minor or major. Minors do not appear on the testamur but do appear on the transcript (i.e. academic record).

Where a minor is taken from outside of an Arts Faculty degree, refer to the requirements prescribed for that minor.

Internship and International Subjects

The Arts internship program provides students with an opportunity to apply the knowledge and skills acquired in their degree in a workplace setting. The internship subject ARTS301 is offered in autumn and spring sessions, all Arts students can enrol into ARTS301 providing they meet the pre-requisites. Another popular internship facilitated by the Faculty is the Politics Internships. The Politics internship subject POL 301 presents interested students with the opportunity to be an intern at Washington, New York or Canberra. Read more about the Arts Faculty Internship Program on our website www.uow.edu.au/arts/current/internships/index.html

One of the Faculty's aims is to encourage students to study in an overseas university. Students can study abroad for a full session taking three to four subjects, or can study abroad for a shorter period of time by taking a study tour. The Faculty's study tour subjects currently focus on War History and incorporate visits to Gallipoli and the Western Front. Both subjects are listed below:

HIST265	Gallipoli Study Tour	N/O 2013
HIST270	Western Front Study Tour	Winter

Honours

Students can do an Honours degree in either the Bachelor of Communication and Media Studies or the Bachelor of International Studies. This requires additional study (one year full-time, or two years part-time).

Honours may be undertaken by students who meet the requirements for enrolment.

Students should consult the single degree entries for Honours requirements. The Honours Handbook can be accessed as a PDF document.

Transfer option into the BCMS/BIS Dean's Scholars Double Degree (1819A)

In November of each year, the Faculty invites applications from high achieving students to apply to transfer into the BCMS/BIS Dean's Scholars Double Degree.

Selection Criteria

To be eligible to apply for a place in the BCMS/BIS Dean's Scholars Double Degree (code 1819A), applicants would normally meet the following criteria:

- Currently enrolled in the BCMS 798 or BIS 1817 or BCMS/BIS 1819 any other degree;
- Full-time student;
- Have successfully completed two full sessions of study or 8 subjects;
- Have a WAM (weighted average mark) of at least 80.

For more information including the full list of Dean's Scholar degrees and to how to apply online visit: http://www.uow.edu.au/arts/current/transferdeanscholar/index.html.

Credit Arrangements

Please see General Course Rules for more information.

Assessment

Assessment in this course varies between subjects and typically includes a combination of essays, tutorial/seminar presentations, WebCT exercises and, in some subjects, in-class tests and/or exams. Some subjects may have an additional practical component. The assessment requirements of each subject are set out in the individual subject outlines, which students receive in the first week of session.

Other Information

Further information is available at http://coursefinder.uow.edu.au/ or email: fac-arts@uow.edu.au

Bachelor of Communication and Media Studies - Bachelor of Laws

Testamur Title:	Bachelor of Communication and Media Studies - Bachelor of Laws
Abbreviation:	BCM-LLB
My University:	Media, Communication, Law, Laws, Legal
Duration:	5 years full-time or part-time equivalent
Total Credit Points:	270*
Delivery Mode:	On-campus
Starting Session(s):	Autumn
Location:	Wollongong
UOW Course Code:	760
UAC Code:	751210
CRICOS Code:	049643E

** This may vary depending on major.*

Overview

Students commencing University study directly from school may enrol in a double degree course with the Bachelor of Laws. Study in another academic discipline allows students to recognise how law functions in social, economic, technical, environmental and scientific contexts. The Bachelor of Communication and Media Studies – Bachelor of Laws degree will provide those students interested in media law with an overview of the industry, its practices and policies. It also provides a solid foundation for students interested in politics or government.

For the first year of the double degree, students enrol in subjects as prescribed in the table below. The first year of the LLB must be completed full time, except where Faculty approval is given on equity grounds. In the following four years of the degree, students enrol in subjects from the Law and Arts schedules.

Entry Requirements / Assumed Knowledge

Assumed Knowledge: Any two units of English. Recommended Studies: English Advanced.

Credit Transfer

Students may apply for credit transfer for relevant subjects completed at approved tertiary institutions.

Refer to http://www.uow.edu.au/about/policy/UOW058649.html.

Course Requirements

Students who enrol in the Bachelor of Communication and Media Studies - Bachelor of Laws must complete each of the following:

a) all compulsory Law subjects as set out in the relevant Course Program;

b) elective subjects to the value of 40 credit points from the Bachelor of Laws Elective Law Schedule;

c) all compulsory (core) subjects in the Bachelor of Communication and Media Studies Course Program;

d) the required subjects of one of the major studies in the Bachelor of Communication and Media Studies; and

e) where necessary, elective subjects (not having the prefix LAW), from the Bachelor of Laws Course Program, the Bachelor of Communication and Media Studies Course Program or the General Schedule, to ensure that at least 84 credit points have been completed.

Note: No more than 48 credit points shall be of 100-level subjects.

Honours

To be eligible for the award of Bachelor of Laws Honours, a candidate must complete the elective LLB313 Legal Research Project as part of the above Course Requirements. The Honours grade will be calculated in accordance with Method 4. Refer to the University's General Course Rules (8.37), for information on the methods of calculating Honours

As an alternative to the WAM-based Honours system, eligible students may complete an additional year of study towards the award of a Bachelor of Laws Honours by Research degree or the Bachelor of Laws Joint Honours by Research degree.

In order to be eligible for the Bachelor of Laws Honours by Research degree (an 'end-on' full year honours), students must have completed all LLB degree requirements with a WAM calculated by Method 4 of 70% or more. To be eligible for the award of Bachelor of Laws Honours by Research, a candidate must complete LLB448 Research Honours in Law in addition to the above Course Requirements. The Honours grade will be calculated in accordance with Method 1. Refer to the University's General Course Rules (8.37), for information on the methods of calculating Honours. See the Bachelor of Laws Honours by Research degree entry for further details.

In order to be eligible for the Bachelor of Laws Joint Honours by Research degree (an 'end-on' full year honours), students must have completed all requirements for their double degree with a WAM calculated by Method 4 in the University's General Course Rules (8.37) of 70% or more* in their LLB subjects and overall in order to be eligible to apply. Entry must be approved by the Associate Dean, in consultation with the LLB Honours Coordinator. See the Bachelor of Laws Joint Honours by Research degree for further details.

** The other discipline may specify other minimum entry requirements.*

Course Program

Subjects (by year)		Session	Credit Points
First Year			
LLB 100	Foundations of Law A	Autumn	8
LLB 110	Legal Research and Writing	Autumn	4
LLB 120	Law of Contract A	Autumn	8
LLB 130	Criminal Law and Process A	Autumn	8
LLB 150	Communication Skills	Autumn	2
LLB 140	Advocacy Skills	Spring	2
LLB 160	Foundations of Law B	Spring	8
LLB 170	Law of Contracts B	Spring	8
LLB 180	Criminal Law and Process B	Spring	8
LLB 197	Lawyers and Australian Society	Spring	6
Second Year			
LLB 220	Property and Trusts A	Autumn	8
LLB 230	Public Law A	Autumn	8
Subjects from BCM schedule		Autumn	
LLB 270	Property and Trusts B	Spring	8
LLB 280	Public Law B	Spring	8
Subjects from BCM schedule		Spring	
Third Year			
LLB 240	Law of Torts	Autumn	8
LLB 260	Dispute Management Skills	Autumn	2
Subjects from BCM schedule		Autumn	
LLB 250	Drafting Skills	Spring	2
LLB 290	Legal Theory	Spring	8
LLB 397	Legal Internship	Autumn/Spring	2
Subjects from BCM schedule		Spring	
Fourth Year			
LLB 300	Remedies and Procedure	Autumn	8
LLB 302	Law of Business Organisations	Autumn	8
Subjects from BCM schedule		Autumn	
LLB 301	Evidence	Spring	8
2 LLB Electives		Spring	16
Subjects from BCM schedule		Spring	
Fifth Year			
2 LLB Electives		Autumn	16
Subjects from BCM schedule		Autumn	
1 LLB Elective		Spring	8
Subjects from BCM schedule		Spring	

Majors

Majors are NOT available in the Bachelor of Laws course. Students should refer to the Arts schedule for majors available in the Bachelor of Communications and Media Studies course.

Electives

Students must successfully complete elective subjects to the value of 40 credit points from the Bachelor of Laws Elective Law Schedule – see Bachelor of Laws (Graduate Entry).

Other Information

Further information is available at http://coursefinder.uow.edu.au/ or email: Law: law-enquiries@uow.edu.au; Arts: fac-arts@uow.edu.au

Bachelor of Communication and Media Studies - Bachelor of Science

Testamur Title:	Bachelor of Communication and Media Studies - Bachelor of Science
Abbreviation:	BCM-BSc
My University:	Asia Pacific, Australian Studies, Comparative Indigenous Studies; Culture and Identities, Digital Media and Communication, English Literatures, English Language & Linguistics, Ethics, Gender Studies, Global Media, History, Human Security, International Media and Communication, Journalism and Professional Writing, Languages, Management, Marketing Communication and Advertising, Masculinities, Peace keeping, Philosophy, Politics, Postcolonial, Public Relations, Resource & Environmental, Sociology, Science & Technology, Transcultural Communication
Duration:	4.5 years full-time or part-time equivalent
Total Credit Points:	216
Delivery Mode:	On campus (Face-to-face)
Starting Session(s):	Autumn/Spring*
Location:	Wollongong
UOW Course Code:	797
UAC Code:	751353
CRICOS Code:	049644D

**(Students with Advanced Standing may begin in Summer Session if appropriate subjects are available).*

Overview

In Science where students take extensive studies in discipline areas, the Bachelor of Communication and Media Studies adds an opportunity to broaden their focus, to acquire skills outside the main areas of the degree and thereby increase its marketability. The core of the Bachelor of Communication and Media Studies deals with contemporary issues in politics, communication studies and media, giving students a broad grounding in which to situate their major. The Digital Media and Communication major, for example, complements the Science degree well, allowing students to examine the rise of a new technology and critique the controversies marking its growth.

Entry Requirements/Assumed Knowledge

- NSW entry through UAC: Students apply through UAC and satisfy the ATAR requirements for the year of application or conditions set down for early entry. Assumed knowledge: any two units of English.
- Other Secondary Qualifications: Students with secondary qualifications outside NSW and the ACT will be considered on a case-by-case basis.
- Tertiary Qualifications: A completed Diploma or Advanced Diploma from TAFE or other accredited institutions; not less than one-sixth of a Bachelor degree from an approved university; other tertiary courses approved by the University of Wollongong.
- Overseas Qualifications: Students with overseas tertiary qualifications will be considered provided they satisfy the University's minimum admission requirements.
- Alternative Entry (Domestic applicants): TAFE Tertiary Preparation Certificate; Diploma or Foundation Studies Program from a recognised private institution; University Access Program (Wollongong) (Wollongong College Australia) for people 21 and over; STAT test for students over 20 on 1 March in year preceding enrolment; UAP for students over 21 years of age; Aboriginal and Torres Strait Islander alternative entry program.

Course Requirements

To qualify for award of the double degree of Bachelor of Communication and Media Studies/Bachelor of Science course code 797 a student must complete a total of at least 216 credit points.

The 216 credit points shall include:

a) The core subjects prescribed (48 credit points) for the Bachelor of Communication and Media Studies;

b) At least one of the four majors in the BCMS degree: Digital Media and Communication, International Media and Communication, Journalism and Professional Writing, Marketing Communication and Advertising;

c) To complete the credit points required for the Science component students can take:

A major in the Bachelor of Science including Biological Sciences, Chemistry, Geology, Geosciences, Human Geography, Physical Geography (these majors are recommended to double degree students doing Science as they provide flexibility with subject choices). Students could also take a prescribed major of Conservation Biology, Environment, Land and Heritage Management, Medical Biotechnology, Medicinal Chemistry, Nanotechnology, Exercise Science, Nutrition, Psychology, Psychology and Biology. Subjects are listed in the Bachelor of Science subject table.

d) To complete the credit points required for the double degree, students can take elective subjects offered by the Faculty or other faculties.

e) Not more than 90 credit points in 100-level subjects.

f) ARTS100 Peer-2-Peer Mentoring.

Peer-2-Peer Mentoring

Peer-2-Peer Mentoring (subject code ARTS100) is a compulsory zero credit point subject that must be undertaken by each student during their first year. This subject consists of a one hour weekly tutorial during the student's first session of study. This subject is designed to enable incoming students to adapt rapidly to the tertiary environment and engage with the university community.

Students can find information at www.uow.edu.au/arts/current/artscentral/UOW087916.html

Majors in the Bachelor of Communication and Media Studies

For details of the majors please refer to the Bachelor of Communication and Media Studies entry.

Majors in the Bachelor of Science Degrees

For details please refer to the Bachelor of Science.

Minor Study

Students can take Minors as part of their double degree program provided they meet the requirements set. Minor studies consist of a minimum of 28 credit points of which no more than 12 credit points at 100 level can be counted. Students may not cross count subjects from a nominated minor into any other minor or major. Minors do not appear on the testamur but do appear on the transcript (i.e. academic record).

Where a minor is taken from outside of an Arts degree, refer to the requirements prescribed for that minor.

Credit Arrangements

Please see General Course Rules for more Information.

Assessment

Assessment in this course varies between subjects and typically includes a combination of essays, tutorial/seminar presentations, WebCT exercises and, in some subjects, in-class tests and/or exams. Some subjects may have an additional practical component. The assessment requirements of each subject are set out in the individual subject outlines, which students receive in the first week of session.

Honours

Students can do an Honours degree in either the Bachelor of Communication and Media Studies or the Bachelor of Science. This requires additional study (one year full-time, or two years part-time).

Honours may be undertaken by students who meet the requirements for enrolment.

Students should consult the single degree entries for Honours requirements. The Honours Handbook can be accessed as a PDF document.

Other Information

Further information is available at http://coursefinder.uow.edu.au/ or email: fac-arts@uow.edu.au

Bachelor of Computer Science

Testamur Title:	Bachelor of Computer Science
Abbreviation:	BCompSc
My University:	Digital Systems Security, Multimedia and Game Development, Enterprise Systems Development, Software Engineering, Mobile Computing
Duration:	3 years full time or part-time equivalent
Total Credit Points:	144
Delivery Mode:	On Campus (Face-to-face)
Starting Session(s):	Autumn/Spring
Location:	Wollongong; INTI College, Malaysia; SIM Singapore
UOW Course Code:	766
UAC Code:	754104 Multimedia and Game Development
	754105 Digital Systems Security
	754107 Software Engineering
	754108 Enterprise Systems Development
	754109 Mobile Computing
CRICOS Code:	012088K

Overview

Computer scientists design and write programs for computer applications. These applications include computer systems to control machinery, the analysis of stock market trends, games design, visualisation of chemical reactions, neural network design, computational geometry for robot navigation, automatic teller machines and patient monitoring in hospitals.

Computer programming is the science of writing computer software to solve problems. Computer science is the study of algorithmic processes that describe and transform information: theory, analysis, design, efficiency, programming and application.

This degree includes a core of programming subjects as well as electives in database, languages, artificial intelligence, computer security, computer graphics, operating systems, real-time software and software engineering.

A high point of the degree is the third year project where students form teams to develop computer applications. High-achieving students may complete a fourth year Honours degree.

UOW's Bachelor of Computer Science degree allows you to specialise in software engineering, enterprise systems development, multimedia and game development, digital systems security or mobile computing, as well as study other disciplines including management, visual arts, languages, commerce and mathematics. You can take subjects from another discipline, study a second major or enrol in a double degree.

Entry Requirements / Assumed Knowledge

Approximate ATAR: 75

Assumed Knowledge: Any two units of English plus Mathematics.

For entry requirements for students 21 and over or international students, please refer to the relevant prospectus.

Credit Transfer Arrangements

Information about Approved Credit Transfer Arrangements with domestic providers is available at:

http://www.uow.edu.au/handbook/generalcourserules/UOW028672.html

Information about Approved Credit Transfer Arrangements with international providers is available at:

http://www.uow.edu.au/future/international/apply/credit/index.html

Course Requirements

Students who enrol in the Bachelor of Computer Science shall accrue an aggregate of at least 144 credit points by satisfactory completion of:

1. The following core subjects:

ISIT102	Information Systems
CSCI103	Algorithms & Problem Solving
CSCI114	Procedural Programming
CSCI124	Applied Programming
MATH121	Discrete Mathematics
STAT131	Understanding Variation & Uncertainty
IACT201	Professional Practice and Ethics
CSCI203	Algorithms and Data Structures
CSCI204	Object and Generic Programming in C++
CSCI212	Interacting Systems
CSCI222	Systems Development
CSCI235	Databases
CSCI321	Project

Note: Enrolment in CSCI204 in Autumn session is strongly recommended

2. An additional 24 credit points of 300-level subjects, (not including CSCI321), of which 12 credit points must be CSCI subjects.
3. At least 24 credit points of CSCI 300-level subjects, including CSCI321, must be at pass grade or better.
4. No more than 60 credit points at 100-level.
5. All 144 credit points of subjects in this degree MUST be chosen from the Computer Science Schedule and/or the General Schedule.

Areas of Major Study

Students enrolled in this degree may major in:

Digital Systems Security

Enterprise Systems Development

Mobile Computing

Multimedia and Game Development

Software Engineering

Digital Systems Security

To satisfy the requirements for a major study in Digital Systems Security, a student shall satisfactorily complete the Bachelor of Computer Science core subjects, as listed in the course requirements, plus the following additional subjects:

Subjects		Session	Credit Points
200-Level			
CSCI262	Systems Security	Spring	6
300-Level			
CSCI319	Distributed Systems	Autumn	6
CSCI361	Cryptography & Secure Applications	Autumn	6
CSCI368	Network Security	Spring	6

Enterprise Systems Development

To satisfy the requirements for a major study in Enterprise Systems Development, a student shall satisfactorily complete the Bachelor of Computer Science core subjects, as listed above, and the following additional subjects:

Subjects		Session	Credit Points
200-Level			
CSCI213	Java Programming and Applications	Spring	6
CSCI262	Systems Security*	Spring	6
Note:			
i)*CSCI262 Systems Security is strongly recommended but not mandatory			
ii) CSCI110 is a pre-requisite for CSCI399, so it is recommended that students enrol in it in year 1 of the degree			
300-Level			
Choose 3 (18cp) from following:			
CSCI315	Database Design and Implementation	Autumn	6
CSCI317	Database Performance Tuning	Spring	6

CSCI322	Systems Administration	Spring	6
CSCI398	Introduction to Enterprise Computing	Spring	6
CSCI399	Internet Applications	Autumn	6

Mobile Computing

To satisfy the requirements for a major study in Mobile Computing, a student shall satisfactorily complete the Bachelor of Computer Science core subjects, as listed above, and the following additional subjects:

Subjects		Session	Credit Points
200-Level			
CSCI224	Human Computer Interaction	Autumn	6
300-Level			
CSCI319	Distributed Systems	Autumn	6
CSCI342	Mobile Applications	Spring	6
CSCI399	Internet Applications	Autumn	6

Multimedia and Game Development

To satisfy the requirements for a major study in Multimedia and Game Development, a student shall satisfactorily complete the Bachelor of Computer Science core subjects, as listed in the course requirements, and the following additional core subjects:

Subjects		Session	Credit Points
Year 2			
CSCI236	3D Modelling and Animation*	Spring/Summer	6
Year 3			
Choose 3 (18cp) from the following:			
CSCI336	Computer Graphics	Autumn	6
CSCI346	Game Development	Autumn	6
CSCI356	Game Engine Fundamentals	Spring	6
CSCI366	Multimedia Computing	Autumn	6
** Please note that this subject runs over both Spring and Summer sessions. Results will not be declared until the end of Summer session.*			

Students are strongly encouraged to choose some electives from Creative Arts. Please consult with staff in the Faculty of Creative Arts regarding appropriate subjects.

Software Engineering

To satisfy the requirements for a major study in Software Engineering, a student shall satisfactorily complete the Bachelor of Computer Science core subjects, as listed in the course requirements, and the following additional subjects:

Subjects		Session	Credit Points
200-Level			
CSCI205	Software Development Methods and Tools	Spring	6
MGMT208	**Introduction to Management for Professionals A*	Autumn	6
300-Level			
CSCI311	Software Process Management	Autumn	6
CSCI318	Software Engineering Practices & Principles	Spring	6

**MGMT110 Introduction to Management may be taken as an alternative if MGMT208 is not on offer. (MGMT110 and MGMT208 cannot be counted together)*

A major study

To satisfy the requirements for a major study a student must satisfy the requirements for the award of the Bachelor of Computer Science, and have completed the subjects that comprise a major.

Note that certain 300 level subjects, required as part of a major, may have 200 level prerequisite subjects which are not listed as part of the major.

To be awarded with a double major, candidates must ensure that four of the subjects selected satisfy the requirements of one major and that a separate set of four subjects satisfy the requirements of a second major, i.e. any subject counted towards one major cannot also be counted towards a second major.

Approved double majors are available in:

A major in Software Engineering can be combined with Multimedia and Game Development, Digital Systems Security, Enterprise Systems Development or Mobile Computing.

A major in Digital Systems Security can be combined with Multimedia and Game Development, Enterprise Systems Development, Software Engineering or Mobile Computing.

A major in Enterprise Systems Development can be combined with Multimedia and Game Development, Digital Systems Security, Software Engineering or Mobile Computing.

A major in Multimedia and Game Development, can be combined with Enterprise Systems Development, Digital Systems Security, Software Engineering or Mobile Computing.

A major in Mobile Computing, can be combined with Multimedia and Game Development, Enterprise Systems Development, Digital System Security or Software Engineering

Note that it is not a requirement for the award of this degree that a major study be undertaken.

Even though Computer Science is not available as a single major in the BCompSc, it is available as one component of a double* major with one of the following disciplines as the other major:

- Biological Sciences
- Chemistry
- Electronics
- English Language and Linguistics
- Geosciences
- Management
- Marketing
- Mathematics
- Politics

**When checking if someone is eligible for the double major in Computer Science and a discipline listed above, it should be assumed that to satisfy the requirements for a major study in Computer Science a student shall satisfactorily complete the BCompSc core subjects as listed in the course requirements, plus an additional 12 credit points of 300-level CSCI subjects.*

All candidates are expected to consult with the School and Faculty advisers before committing themselves to any particular pattern of study, whether outlined above or not.

Computing Science major study for students undertaking undergraduate degrees other than the Bachelor of Computer Science

To be eligible for the award of a major study in Computer Science, students undertaking undergraduate degrees other than the BCompSc must satisfactorily complete no fewer than 48 credit points of undergraduate computer science (CSCI) subjects, at least 24 credit points of which must be at the 300-level.

Computer Science Schedule

Subjects		Session	Credit Points
100-Level			
ISIT102	Information Systems	Autumn	6
CSCI103	Algorithms & Problem Solving	Autumn/Spring	6
CSCI110	Introduction to W3 Technology	Spring	6
CSCI114	Procedural Programming	Autumn/Spring	6
CSCI124	Applied Programming	Autumn/Spring	6
ISIT105	Communications and Networks	Autumn	6
MATH121	Discrete Mathematics	Spring	6

MATH141	Foundations of Engineering Mathematics	Autumn	6
MATH142	Essentials of Engineering Mathematics	Spring	6
MATH187	Mathematics 1: Algebra & Differential Calculus	Autumn	6
MATH188	Mathematics 2: Series & Integral Calculus	Spring	6
STAT131	Understanding Variation & Uncertainty	Autumn	6
200-Level			
CSCI203	Algorithms and Data Structures	Spring	6
CSCI204	Object and Generic Programming in C++	Autumn/Spring	6
CSCI205	Software Development Methods and Tools	Spring	6
CSCI212	Interacting Systems	Autumn	6
CSCI213	Java Programming & Applications	Spring	6
CSCI222	Systems Development	Autumn/Spring	6
CSCI224	Human Computer Interaction	Autumn	6
CSCI235	Databases	Autumn	6
CSCI236	3D Modelling & Animation*	Spring and Summer	6
CSCI262	Systems Security	Spring	6
IACT201	Professional Practice and Ethics	Autumn	6
ISIT201	Information and Communication Security	Spring	6
ISIT203	Social Informatics and the Workplace	Spring	6
ISIT204	Principles of eBusiness	Autumn	6
MATH203	Linear Algebra	Autumn	6
** Please note that this subject runs over both Spring and Summer sessions. Results will not be declared until the end of Summer session, so this subject is not suitable for anyone wishing to graduate in December.*			
300-Level			
CSCI311	Software Process Management	Autumn	6
CSCI315	Database Design and Implementation	Autumn	6
CSCI317	Database Performance Tuning	Spring	6
CSCI318	Software Engineering Practices & Principles	Spring	6
CSCI319	Distributed Systems	Autumn	6
CSCI321	Project	Annual	12
CSCI322	Systems Administration	Spring	6
CSCI323	Artificial Intelligence	Autumn	6
CSCI324	Human Computer Interface	Not available 2013	6
CSCI330	Operating Systems	Spring	6
CSCI336	Computer Graphics	Autumn	6
CSCI337	Organisation of Programming Languages	Spring	6
CSCI342	Mobile Applications	Spring	6
CSCI346	Game Development	Autumn	6
CSCI356	Game Engine Fundamentals	Spring	6
CSCI358	Security Engineering	Not available 2013	6
CSCI361	Cryptography & Secure Applications	Autumn	6
CSCI365	CSCI Honours Preliminary Project	Not available 2013	6
CSCI366	Multimedia Computing	Autumn	6
CSCI368	Network Security	Spring	6
CSCI370	Special Topics in Computer Science A	Not available 2013	6
CSCI371	Special Topics in Computer Science B	Autumn	6
CSCI372	Special Topics in Computer Science C	Not available 2013	6
CSCI373	Special Topics in Computer Science D	Spring	6
CSCI398	Introduction to Enterprise Computing	Spring	6
CSCI399	Internet Applications	Autumn	6

ISIT302	Corporate Network Management	Autumn	6
ISIT313	Corporate Responsibility and IT	Autumn	6
400-Level			
CSCI410	Formal Methods in Software Engineering	Autumn	6
CSCI411	Special Topics in CS & SE A	Autumn/Spring	6
CSCI412	Special Topics in CS & SE B	Not available 2013	6
CSCI424	Reasoning & Learning	Spring	6
CSCI426	Software Testing & Analysis	Autumn	6
CSCI427	Service-Oriented Software Engineering	Spring	6
CSCI435	Computer Vision	Spring	6
CSCI436	Visualisation	Autumn	6
CSCI444	Perception and Planning	Spring	6
CSCI446	Multimedia Content Management	Spring	6
CSCI450	Software Engineering Requirements & Specifications	Spring	6
CSCI464	Computational Intelligence	Autumn	6
CSCI466	Coding for Secure Communication	Autumn	6
CSCI468	Advanced Network Security	Autumn	6
CSCI471	Advanced Computer Security	Spring	6
INFO411	Data Mining and Knowledge Discovery	Autumn	6
INFO412	Mathematics for Cryptography	Autumn	6
INFO413	Information Theory	Not available 2013	6
INFO433	Pattern Recognition	Autumn	6
ISIT429	Concepts and Issues in Healthcare Computing	Spring	6
ISIT430	Introduction to Health Informatics	Autumn	6
ISIT438	eBusiness Technologies	Autumn	6
ISIT451	Web Services and Service Oriented Architecture	Spring	6

Professional Recognition

The Bachelor of Computer Science is accredited by the Australian Computer Society as meeting requirements for membership at a "Professional Level".

Mobile Computing

Major Study

To satisfy the requirements for a major study in Mobile Computing, a student shall satisfactorily complete the Bachelor of Computer Science core subjects, as listed above, and the following additional subjects:

Subjects		Session	Credit Points
200-Level			
CSCI224	Human Computer Interaction	Autumn	6
300-Level			
CSCI319	Distributed Systems	Autumn	6
CSCI342	Mobile Applications	Spring	6
CSCI399	Internet Applications	Autumn	6

Double Majors

A major in Mobile Computing can be combined with Multimedia and Game Development, Digital Systems Security, Software Engineering or Enterprise Systems Development.

Other Information

Further information is available at http://coursefinder.uow.edu.au/ or email: informatics_enquiries@uow.edu.au

Even though Computer Science is not available as a single major in the BCompSc, it is available as one component of a double* major with one of the following disciplines as the other major:

- Biological Sciences
- Chemistry
- Electronics
- English Language and Linguistics
- Geosciences
- Management
- Marketing
- Mathematics
- Politics

Biological Sciences

This double major requires satisfactory completion of a major study in Computer Science and satisfactory completion of one of the following 60 credit point majors in Biological Sciences:

Environmental and Ecological Strand

Subjects		Session	Credit Points
100-Level			
BIOL103	Molecules, Cells and Organisms	Spring	6
BIOL104	Evolution, Biodiversity and Environment	Autumn	6
BIOL105	Functional Biology of Animals and Plants	Autumn	6
200-Level			
BIOL240	Biodiversity of Marine Freshwater Organisms	Autumn	6
or			
BIOL241	Biodiversity of Terrestrial Organisms	Spring	6
and			
BIOL251	Principles of Ecology and Evolution	Autumn	6
STAT252	Statistics for the Natural Sciences	Spring	6
Note: STAT252 is equivalent to STAT151. Students undertaking this double major may choose to undertake STAT151 OR STAT252.			
300-Level			
BIOL332	Ecological & Evolutionary Physiology	Autumn	8
BIOL351	Conservation Biology: Marine and Terrestrial Populations	Autumn	8
BIOL355	Marine and Terrestrial Ecology	Spring	8

Cell and Molecular Strand

Subjects		Session	Credit Points
100-Level			
BIOL103	Molecules, Cells and Organisms	Spring	6
BIOL104	Evolution, Biodiversity and Environment	Autumn	6
CHEM101	Chemistry 1A: Introductory Physical and General Chemistry	Autumn	6
CHEM102	Chemistry 1B: Structure and Reactivity of Molecules for Life	Spring	6
200-Level			
BIOL213	Principles of Biochemistry	Autumn	6
BIOL215	Introductory Genetics	Spring	6
300-Level			
BIOL320	Molecular Cell Biology	Autumn	8
BIOL303	Biotechnology: Applied Cell and Molecular Biology	Autumn	8
BIOL321	Infection and Immunity	Spring	8

Chemistry

This double major requires satisfactory completion of a major study in Computer Science and satisfactory completion of the following 60 credit point major in Chemistry:

Subjects		Session	Credit Points
100-Level			
CHEM101	Chemistry 1A	Autumn	6
CHEM102	Chemistry 1B	Spring	6
200-Level			
CHEM211	Inorganic Chemistry II	Autumn	6
CHEM212	Organic Chemistry II	Autumn	6
CHEM213	Molecular Structure, Reactivity and Change	Spring	6
CHEM214	Analytical and Environmental Chemistry	Spring	6
300-Level			
At least 3 subjects chosen from the following:			
CHEM301	Advanced Materials and Nanotechnology	Spring	8
CHEM314	Instrumental Analysis	Autumn	8
CHEM320	Bioinformatics: From Genome to Structure	Spring	8
CHEM321	Organic Synthesis and Reactivity	Spring	8
CHEM327	Environmental Chemistry	Autumn	8
CHEM340	Chemistry Laboratory Project	Autumn/Spring/ Summer	8
CHEM364	Molecular Structure and Spectroscopy	Autumn	8

Electronics

This double major requires satisfactory completion of a major study in Computer Science and satisfactory completion of the following 60 credit point major study in Electronics:

Subjects		Session	Credit Points
100-Level			
ECTE172	Introduction to Circuits and Devices	Spring	6
MATH187	Mathematics 1: Algebra & Differential Calculus	Autumn	6
MATH188	Mathematics 2: Series & Integral Calculus	Spring	6
Note: MATH187 may be replaced by MATH141/161; MATH188 may be replaced by MATH142/162			
200-Level			
ECTE202	Circuits and Systems	Annual	6
ECTE212	Electronics	Spring	6
ECTE233	Digital Hardware	Autumn	6
MATH283	Mathematics 2E for Engineers Part 1	Autumn	6
300-Level			
ECTE333	Microcontroller Architecture and Applications	Annual	6
ECTE344	Control Theory	Autumn	6
Plus			
ECTE301	Digital Signal Processing	Autumn	6
Or			
ECTE363	Communication Systems	Autumn	6
Note: A load of more than four subjects per session may be required to complete this double major within the normal three year period.			

English Language and Linguistics

This double major requires satisfactory completion of a major study in Computer Science and satisfactory completion of a major study in English Language and Linguistics, as outlined in the Bachelor of Arts entry.

Note that a major in English Language and Linguistics for Non-English Speaking Background (NESB) students consists of 58 credit points, while a major in English Language and Linguistics for English Speaking Background (ESB) students consists of 52 credit points.

Geosciences

This double major requires satisfactory completion of a major study in Computer Science and satisfactory completion of a major in Geosciences.

A major in Geosciences offers a combined program of study in the two disciplines of Geography and Geology:

Subject		Session	Credit Points
100-level			
At least three subjects chosen from Earth and Environmental Sciences subjects at 100-level			
200-level			
EESC204	Introductory Spatial Science	Autumn or Spring	6
At least three subjects chosen from the Earth and Environmental Sciences subjects at 200-level			
300-level			
At least three subjects chosen from the Earth and Environmental Sciences subjects at 300-level			

Management

This double major requires satisfactory completion of a major study in Computer Science and satisfactory completion of a major study in Management, as outlined in the Bachelor of Commerce entry. Note, however, that students are not required to complete the core subjects as listed in the Bachelor of Commerce except where those subjects are prerequisites to subjects in the Management major. All students must satisfy subject prerequisites except where waivers have been granted.

Marketing

This double major requires satisfactory completion of a major study in Computer Science and satisfactory completion of a major study in Marketing, as outlined in the Bachelor of Commerce entry. Note, however, that students are not required to complete the core subjects as listed in the Bachelor of Commerce except where those subjects are prerequisites to subjects in the Marketing major. All students must satisfy subject prerequisites except where waivers have been granted.

Mathematics

This double major requires satisfactory completion of a major study in Computer Science and satisfactory completion of at least 60 credit points of subjects chosen from the Mathematics Schedule, including at least 18 credit points of 200-level MATH/STAT subjects and 24 credit points of 300-level MATH/STAT subjects.

Politics

This double major requires satisfactory completion of a major study in Computer Science and satisfactory completion of a major in Politics, as outlined in the Bachelor of Arts entry. A major in Politics consists of 52 credit points of politics subjects, including at least 24 credit points at 300-level.

Bachelor of Computer Science (Dean's Scholar)

Testamur Titles of Degree:	Bachelor of Computer Science (Dean's Scholar)
Abbreviations:	BCompSc(Dean's Schol)
My University:	Digital Systems Security, Multimedia and Game Development, Enterprise Systems Development, Software Engineering, Mobile Computing
Delivery Mode:	On campus (Face-to-face)
Starting Session(s):	Autumn
Location:	Wollongong
UOW Course Code:	1802 - BCompSc(Dean's Scholar)
UAC Codes:	754110
CRICOS Codes:	Same as normal degree program

Overview

The Dean's Scholar Degree offers a challenging and enriched educational experience for high-achieving students who want to perform above the level normally expected. The Degree also encourages students to continue their studies through the completion of Honours and research degrees. A limited number of students from across the Faculty are admitted to the program each year, selected from new students with a base rank ATAR of at least 93 or from current students enrolled in an Informatics degree. Current Informatics students who have achieved a Weighted Average Mark (WAM) of 80 at the end of one year of full-time study within the Faculty, may apply to transfer into the Dean's Scholars program.

Dean's Scholars will complete all requirements for their respective degrees and, where possible, may be permitted to take an accelerated program after their first session. Dean's Scholars will receive special privileges and the programs are a distinction easily recognisable to future employers, giving you an edge in competitive employment situations. Dean's Scholars are encouraged to contribute to the scholarly life of the Faculty through events in the Faculty's postgraduate program.

Dean's Scholars will receive individual mentoring and the following privileges:

- $500.00 per annum book allowance (issued as $250 per semester)
- Extended library access
- Free print quota (up to 250 pages per session maximum)
- Free SECTE laboratory kits each session
- Access to accelerated program (where possible)
- Access to an academic mentor – a member of academic staff who advises you on matters concerning your degree
- After hours building access
- Opportunity for summer internship (equivalent to the summer scholarships)
- Alignment of the major or honours thesis project with a research project in the assigned research centre.
- Opportunity to improve public speaking skills through 6 monthly membership to UOW Toastmasters program.

Entry Requirements / Assumed Knowledge

ATAR: The Dean's Scholars programs in the listed degrees will be available to students with a base ATAR of above 93, with a limited intake across the Faculty per annum.

Current students (in non-Dean's Scholar degrees listed) are eligible to apply to transfer to the Dean's Scholars program providing they perform to the standard of a WAM of 80 for a full-time load over two (2) sessions. This also applies to students who are not commencing immediately after completing year 12, including those aged 21 years and over or international students. Transfers will only be approved for students who have completed no more than half of their degree (including credit transfers).

Applications

To apply for the Dean's Scholar program, new students should include the relevant degree as one of your UAC preferences (see the UAC guide for the appropriate code). New and current students also need to complete and submit the following application forms by the closing dates (students who apply may be contacted by the University prior to admission):

Applications for new students (click here for application form) close on 30 September and for current students wishing to transfer (click here for application) close on 31 December and 30 June.

Course Requirements/Eligibility

Course programs for the Dean's Scholar degrees are identical to the current non-Dean's Scholar degrees offered by the Faculty – see relevant Handbook entries.

Bachelor of Computer Science

Continuation in the Dean's Scholar degrees will normally be dependent on the student achieving a WAM of at least 75 in each year of study. Students who do not meet the required average will be transferred to the equivalent non-Dean's Scholar degree.

Please note that the Dean's Scholars Program is not offered to part-time students and is only available to International Students who are eligible to apply through UAC (for new students), or who have completed one year of full-time study at UOW (for current students). The program is not offered for double degrees and is not a scholarship.

Other Information

Further information is available at http://coursefinder.uow.edu.au/ or email: informatics_enquiries@uow.edu.au

Bachelor of Computer Science Honours

Testamur Title:	Bachelor of Computer Science Honours
Abbreviation:	BCompSc(Hons)
My University:	Digital Systems Security, Multimedia and Game Development, Enterprise Systems Development, Software Engineering, Mobile Computing
Duration:	1 year full-time or part-time equivalent
Total Credit Points:	48
Delivery Mode:	On campus (Face-to-face)
Starting Session(s):	Autumn/Spring
Location:	Wollongong
UOW Course Code:	765
UAC Code:	NA
CRICOS Code:	012090E

Overview

The Honours course is a follow-on degree from the Bachelor of Computer Science and provides an opportunity for candidates to develop, to a sophisticated level, established theoretical and practical skills gained during their undergraduate course. In the Bachelor of Computer Science Honours course, students are given the opportunity to undertake research on a topic of their interest. In addition, a weekly seminar in Autumn and Spring Sessions provides training in advanced research skills specific to disciplines within computer science as well as providing the opportunity to exercise these skills in a peer-reviewed environment.

The objectives of the Bachelor of Computer Science Honours are to give students:

- a scholarly grounding in scientific research
- a high level of research competency
- a strong foundation in scientific work
- advanced research skills in computer science
- a preparation for future higher level research degrees

Entry Requirements / Assumed Knowledge

To be accepted into this degree you must hold a recognised undergraduate ICT degree (majoring in computer science) with a credit average.

Course Requirements

The program of study for Bachelor of Computer Science (Honours) is 48 credit points and will include:

CSCI400	Computer Science Honours Project (18cp)
CSCI441	CS Research Methodology (6cp)
24 credit points of 400 Computer Science subjects.	
With the permission of the Head of School, candidates may substitute up to 12 credit points of subjects with 300 level Computer Science subjects or 400-level subjects from another discipline.	

Set out below is a sample of subjects which may be taken as part of the Bachelor of Computer Science (Honours):

CSCI426	Software Testing & Analysis
CSCI446	Multi-Media Content Management
CSCI464	Computational Intelligence
CSCI436	Visualisation
CSCI466	Coding for Secure Communication
CSCI424	Reasoning & Learning
CSCI427	Service-Oriented Software Engineering
CSCI435	Computer Vision
CSCI410	Formal Methods in Software Engineering
CSCI471	Advanced Computer Security
CSCI450	Software Engineering Requirements & Specifications
CSCI444	Perception & Planning
INFO411	Data Mining and Knowledge Discovery
INFO433	Pattern Recognition

Attendance at the relevant seminar series is strongly recommended.

Honours Grades

Honours grades are calculated using Method 1.

Joint Honours with Computer Science

CSCI405 – Computer Science Joint Honours comprises one half of the Bachelor of Computer Science Honours program and is available to students who wish to undertake a joint honours project in Computer Science and another discipline. This is particularly suited to students who have undertaken a double major in the Bachelor of Computer Science degree. A thesis topic will be determined in consultation with both academic units.

Other Information

Further information is available at http://coursefinder.uow.edu.au/ or email: Informatics - informatics_enquiries@uow.edu.au

Bachelor of Computer Science - Bachelor of Laws

Testamur Title:	Bachelor of Computer Science - Bachelor of Laws
Abbreviation:	BCompSc-LLB
My University:	Information Technology, Digital Systems Security, Multimedia and Game Development, Enterprise Systems Development, Software Engineering, Mobile Computing, eBusiness, Law
Duration:	6 years full-time or part-time equivalent
Total Credit Points:	288*
Delivery Mode:	On-campus
Starting Session(s):	Autumn
Location:	Wollongong
UOW Course Code:	776
UAC Code:	751203
CRICOS Code:	012093B

**This is a minimum figure and may vary depending on major.*

Overview

Students commencing University study directly from school may enrol in a double degree course with the Bachelor of Laws. Study in another academic discipline allows students to recognise how law functions in social, economic, technical, environmental and scientific contexts. The Bachelor of Computer Science – Bachelor of Laws offers opportunities for students to undertake a specialised degree of study in computer science and law.

For the first year of the double degree, students enrol in subjects as prescribed in the table below. The first year of the LLB must be completed full time, except where approval is given on equity grounds. In the following four years of the degree, students enrol in subjects from the Law and Computer Science schedules.

Entry Requirements / Assumed Knowledge

Bachelor of Law:

Assumed Knowledge: Any two units of English. Recommended Studies: English Advanced.

Bachelor of Computer Science:

For entry requirements for the Bachelor of Computer Science degree refer to the relevant Faculty.

Credit Transfer

Students may apply for credit transfer for relevant subjects completed at approved tertiary institutions. Refer to http://www.uow.edu.au/about/policy/UOW058649.html.

Course Requirements

Students who enrol in the Bachelor of Computer Science - Bachelor of Laws, must complete each of the following:

a) all compulsory Law subjects as set out in the relevant Course Program;

b) elective subjects to the value of 40 credit points from the Bachelor of Laws Elective Law Schedule;

c) subjects to the value of at least 108 credit points from the Computer Science Course Schedule or the General Schedule , including:

i) 72 credit points of compulsory (core) subjects from the Computer Science Course Schedule;

ii) an additional 24 credit points of 300-level subjects, of which 12 credit points must be CSCI subjects;

iii) elective subjects to the value of 12 credit points from the Computer Science Course Schedule or the General Schedule;

iv) at least 24 credit points of 300-level subjects, including CSCI321 Project, at Pass grade or better.

Honours

To be eligible for the award of Bachelor of Laws Honours, a candidate must complete the elective LLB313 Legal Research Project as part of the above Course Requirements. The Honours grade will be calculated in accordance with Method 4. Refer to the University's General Course Rules (8.37), for information on the methods of calculating Honours.

As an alternative to the WAM-based Honours system, eligible students may complete an additional year of study towards the award of a Bachelor of Laws Honours by Research degree or the Bachelor of Laws Joint Honours by Research degree.

In order to be eligible for the Bachelor of Laws Honours by Research degree (an 'end-on' full year honours), students must have completed all LLB degree requirements with a WAM calculated by Method 4 of 70% or more. To be eligible for the award of Bachelor of Laws Honours by Research, a candidate must complete LLB448 Research Honours in Law in addition to the above Course Requirements. The Honours grade will be calculated in accordance with Method 1. Refer to the University's General Course Rules (8.37), for information on the methods of calculating Honours. See the Bachelor of Laws Honours by Research degree entry for further details.

In order to be eligible for the Bachelor of Laws Joint Honours by Research degree (an 'end-on' full year honours), students must have completed all requirements for their double degree with a WAM calculated by Method 4 in the University's General Course Rules (8.37) of 70% or more* in their LLB subjects and overall in order to be eligible to apply. Entry must be approved by the Associate Dean, in consultation with the LLB Honours Coordinator and the relevant authority in the other discipline. The Associate Dean shall not approve entry into this course unless the LLB Honours Coordinator and the relevant authority in the other discipline have agreed, in consultation with the student, on the program of study that will form the basis of the course curriculum for the degree. See the Bachelor of Laws Joint Honours by Research degree for further details.

** The other discipline may specify other minimum entry requirements.*

Course Program

Subjects (by year)		Session	Credit Points
First Year			
LLB 100	Foundations of Law A	Autumn	8
LLB 110	Legal Research and Writing	Autumn	4
LLB 120	Law of Contract A	Autumn	8
LLB 130	Criminal Law and Process A	Autumn	8
LLB 150	Communication Skills	Autumn	2
LLB 140	Advocacy Skills	Spring	2
LLB 160	Foundations of Law B	Spring	8
LLB 170	Law of Contracts B	Spring	8
LLB 180	Criminal Law and Process B	Spring	8
LLB 197	Lawyers and Australian Society	Spring	6
Second Year			
LLB 220	Property and Trusts A	Autumn	8
LLB 230	Public Law A	Autumn	8
Subjects from Computer Science schedule		Autumn	
LLB 270	Property and Trusts B	Spring	8
LLB 280	Public Law B	Spring	8
Subjects from Computer Science schedule		Spring	
Third Year			
LLB 240	Law of Torts	Autumn	8
LLB 260	Dispute Management Skills	Autumn	2
Subjects from Computer Science schedule		Autumn	
LLB 250	Drafting Skills	Spring	2
LLB 290	Legal Theory	Spring	8
LLB 397	Legal Internship	Autumn/Spring	2
Subjects from Computer Science schedule		Spring	
Fourth Year			
LLB 300	Remedies and Procedure	Autumn	8
LLB 302	Law of Business Organisations	Autumn	8
Subjects from Computer Science schedule		Autumn	
LLB 301	Evidence	Spring	8
2 LLB Electives		Spring	16
Subjects from Computer Science schedule		Spring	
Fifth Year			
2 LLB Electives		Autumn	16
Subjects from Computer Science schedule		Autumn	
1 LLB Elective		Spring	8
Subjects from Computer Science schedule		Spring	

Majors

Majors are NOT available in the Bachelor of Laws course. Refer to the Computer Science Schedule for majors available in the Bachelor of Computer Science degree.

Electives

Students must successfully complete elective subjects to the value of 40 credit points from the Bachelor of Laws Elective Law Schedule – see Bachelor of Laws (Graduate Entry).

Other Information

Further information is available at http://coursefinder.uow.edu.au/ or email: Law: law-enquiries@uow.edu.au; Computer Science: informatics_studenq@uow.edu.au

Bachelor of Computer Science – Bachelor of Mathematics

Testamur Title:	Bachelor of Computer Science (major)
	Bachelor of Mathematics (major)
Abbreviation:	BCompSc-BMath
My University:	Computer Science, Maths, Mathematics, Statistics
Duration:	4 years full-time or part-time equivalent
Total Credit Points:	216
Delivery Mode:	On campus (Face-to-face)
Starting Session(s):	Autumn
Location:	Wollongong
UOW Course Code:	769
UAC Code:	751701
CRICOS Code:	016108A

Overview

Please refer to the entries for the Bachelor of Mathematics and the Bachelor of Computer Science.

Entry Requirements / Assumed Knowledge

Please refer to the entry requirements/assumed knowledge for the Bachelor of Mathematics and the Bachelor of Computer Science.

Credit Arrangements

Information about Approved Credit Transfer Arrangements with domestic providers is available at: www.uow.edu.au/handbook/advancedstanding/

Information about Approved Credit Transfer Arrangements with international providers is available at: www.uow.edu.au/future/international/apply/credit/index.html

Course Requirements

To qualify for the double degree of Bachelor of Computer Science – Bachelor of Mathematics a candidate must satisfactorily complete at least 216 credit points from the Computer Science Schedule, the Mathematics Schedule and the General Schedule, and, in so doing, satisfy the requirements for the Bachelor of Mathematics and the Bachelor of Computer Science respectively, as specified in the Course Handbook.

Minimum Performance Requirement

Candidates must maintain a weighted average mark (WAM) of at least 65 at the end of each year, otherwise they must show cause as to why they should be permitted to remain registered for the two courses.

Candidates who, at the end of any year of registration, have satisfied the minimum rate of progress requirements under General Course Rules, but who do not have a WAM of at least 65 and who have not given adequate reason as to why they should be permitted to continue with registration for the joint course, will be required to transfer into either a Bachelor of Mathematics or a Bachelor of Computer Science.

Course Program

The following program of study is recommended to satisfy the requirements in minimum time.

Subjects		Session	Credit Points
Year 1			
CSCI103	Algorithms and Problem Solving	Autumn/Spring	6
CSCI114	Procedural Programming	Autumn/Spring	6
CSCI124	Applied Programming	Autumn/Spring	6
MATH187	Mathematics 1: Algebra and Differential Calculus	Autumn	6
MATH188	Mathematics 2: Series and Integral Calculus	Spring	6
MATH111	Applied Mathematical Modelling 1#	Spring	6
MATH121	Discrete Mathematics	Spring	6
STAT131	Understanding Variation and Uncertainty	Autumn	6
# Not compulsory and can be replaced by another 100 level subject from the General Schedule.			
Year 2			
ISIT102	Information Systems	Autumn	6
CSCI203	Algorithms and Data Structures	Spring	6
CSCI204	Object and Generic Programming in C++	Autumn/Spring	6
CSCI212	Interacting Systems	Autumn	6
IACT201	Professional Practice and Ethics#	Autumn	6
MATH201	Multivariate and Vector Calculus	Autumn	6
MATH202	Differential Equations 2	Spring	6
Plus any two of			
MATH111	Applied Mathematical Modelling 1	Spring	6
MATH212	Applied Mathematical Modelling 2	Spring	6
MATH222	Continuous Mathematics	Autumn	6
STAT231	Probability and Random Variables	Autumn	6
STAT232	Estimation and Hypothesis Testing	Spring	6
Plus any 6 credit point 200-level CSCI subject			6
# May be taken in Year 3, in lieu of 6 credit points of 200- or 300-level subjects, and replaced in year 2 by 6 credit points of 100- or 200-level subjects.			
Year 3			
MATH203	Linear Algebra	Autumn	6
MATH204	Complex Variables and Group Theory	Spring	6
CSCI222	Systems Development	Autumn/Spring	6

Plus any 12 credit points of 300-level Mathematics subjects, Plus any 6 credit points 200-level Computer Science subjects, Plus any 12 credit points 300-level Computer Science subjects, Plus any 12 credit point of 200- or 300-level General Schedule subjects.			
Year 4			
CSCI321	Project	Annual	12
Plus 24 credit points of 300-level Mathematics subjects. Plus 12 credit points of 300- level Computer Science subjects.			

Major Study Areas

Please refer to the entries for the Bachelor of Mathematics and the Bachelor of Computer Science.

Honours

Candidates may apply to register to do either the Bachelor of Mathematics Honours or the Bachelor of Computer Science Honours, or to do both sequentially, after the satisfactory completion of the double degree program.

Professional Recognition

The Bachelor of Computer Science is accredited by the Australian Computer Society as meeting requirements for membership at a "Professional level".

The Bachelor of Mathematics is accredited by the Australian Mathematical Society.

Other Information

Further information is available at http://coursefinder.uow.edu.au/ or email: informatics_enquiries@uow.edu.au

Bachelor of Computer Science - Bachelor of Science

Testamur Title:	Bachelor of Computer Science - Bachelor of Science
Abbreviation:	BCompSc-BSc
My University:	Computer science; digital systems security; enterprise systems development; multimedia development; game development; software engineering; science; physics; biological sciences; chemistry; conservation biology; environment; geography; geology; geosciences; land and heritage management; medical biotechnology; medicinal chemistry; nanotechnology
Duration:	4.5 years full-time or part-time equivalent
Total Credit Points:	216
Delivery Mode:	On Campus (Face-to-face)
Starting Session(s):	Autumn
Location:	Wollongong
UOW Course Code:	768
UAC Code:	751402
CRICOS Code:	017737G

Overview

Please also refer to the entries for the Bachelor of Computer Science and Bachelor of Science

Entry Requirements / Assumed Knowledge

Please refer to the entry requirements/assumed knowledge for the Bachelor of Computer Science and Bachelor of Science.

Credit Transfer Arrangements

Information about Approved Credit Transfer Arrangements with domestic providers is available at:

http://www.uow.edu.au/handbook/generalcourserules/UOW028672.html

Information about Approved Credit Transfer Arrangements with international providers is available at:

http://www.uow.edu.au/future/international/apply/credit/index.html

Course Requirements

To qualify for the double degree of Bachelor of Computer Science and Bachelor of Science, candidates must satisfactorily complete the subjects and credit points as prescribed in the following Program and, in so doing, satisfy the requirements for the Bachelor of Computer Science and the Bachelor of Science, respectively.

Minimum Performance Requirement

Candidates must maintain a weighted average mark (WAM) of at least 65 at the end of each year, otherwise they must show cause as to why they should be permitted to remain registered for the two courses.

Candidates who, at the end of any year of registration, have satisfied the minimum rate of progress requirements as specified in the General Course Rules, but who do not have a WAM of at least 65 and who have not given adequate reason as to why they should be permitted to continue with registration for the joint course, will be required to transfer into either a Bachelor of Computer Science or a Bachelor of Science.

Course Program

The following is a suggested program:

Subjects		Session	Credit Points
Year 1			
CSCI103	Algorithms and Problem Solving	Autumn	6
CSCI114	Procedural Programming	Autumn	6
CSCI124	Applied Programming	Spring	6
MATH121	Discrete Mathematics	Spring	6
Plus 24 credit points from 100-level subjects selected from the Science Schedule			
Year 2			
ISIT102	Information Systems	Autumn	6
CSCI203	Algorithms and Data Structures	Spring	6
CSCI204	Object & Generic Programming in C++	Autumn/Spring	6
STAT131	Understanding Variation and Uncertainty*	Autumn	6
Plus at least 18 credit points from 100- and/or 200-level subjects selected from the Science Schedule.			
Plus at least 18 credit points selected from the Computer Science, Science and/or General Schedules.			
Year 3			
CSCI212	Interacting Systems	Autumn	6
CSCI222	Systems Development	Autumn/Spring	6
Plus at least 12 credit points of 300-level subjects selected from the Computer Science Schedule.			
Plus at least 24 credit points from 200- and/or 300-level subjects selected from the Science Schedule.			
Plus at least 12 credit points selected from the Computer Science, Science and/or General Schedules.			
Year 4			
CSCI321	Project	Annual	12
Plus at least 12 credit points of 300-level subjects selected from the Computer Science Schedule.			
Plus at least 24 credit points from 200- and/or 300-level subjects selected from the Science Schedule.			
Students must complete at least 90 credit points from the Science Schedule to satisfy the requirements for the Bachelor of Science.			
The subjects from the Science schedule must include a major.			
If the Science major study is Physics, please refer to your coordinator for details of MATHS subject selection. All others please see course coordinator for advice on subject selection. NB* If the Science major requires STAT252 this should be completed instead of STAT131.			

Major Study Areas

Please refer to the separate entries for the Bachelor of Computer Science and the Bachelor of Science

Honours

Candidates may apply within normal procedures to register for either the Bachelor of Computer Science Honours or the Bachelor of Science Honours, or sequentially for both degrees, after the satisfactory completion of the joint program.

Professional Recognition

The Bachelor of Computer Science is accredited by the Australian Computer Society as meeting requirements for membership at a "Professional level".

Other Information

Further information is available at http://coursefinder.uow.edu.au/ or email: informatics_enquiries@uow.edu.au

Bachelor of Conservation Biology
Bachelor of Conservation Biology Advanced

Testamur Title:	Bachelor of Conservation Biology, Bachelor of Conservation Biology Advanced
Abbreviation:	BConsBio, BConsBioAdv
My University:	Science, Conservation, Biology
Duration:	4 years full-time or part-time equivalent
Total Credit Points:	192
Delivery Mode:	On campus (Face-to-face)
Starting Session(s):	Autumn
Location:	Wollongong
UOW Course Code:	327, 328
UAC Code:	757627, 757628
CRICOS Code:	075254B , 075255A

Overview

Conservation Biology at UOW is a practical degree aimed at producing graduates who (i) have the knowledge and skills to understand and develop strategies to minimise the impact of humans on their environment; and (ii) are capable of undertaking postgraduate research to become accomplished conservation biologists.

Studies in biology combined with subjects in chemistry and earth and environmental sciences in first year lead to second-year studies that provide students with an understanding of how organisms function, plant and animal ecology, and landscape science. Third-year subjects focus on research training and experience in conservation biology and ecology. These should provide students with significant breadth in their research experience in preparation for the Honours year.

A significant component involves experience in how research skills are incorporated into policy and management of biodiversity through contact with practising conservation biologists in both government and non-government agencies. Training in research methodology is carried out with researchers from the *Institute for Conservation Biology and Environmental Management located at UOW. In addition, graduates develop additional skills in conservation management to improve their capacity to contribute to conservation.*

Entry Requirements

Bachelor of Conservation Biology (327)

Australian Tertiary Admission Rank (ATAR) of 85 (or equivalent). The ATAR is reviewed each year.

Bachelor of Conservation Biology Advanced (328)

Australian Tertiary Admission Rank (ATAR) of 95 (or equivalent). The ATAR is reviewed each year.

Assumed Knowledge

Four units of Science (including Biology or Chemistry) or four units comprising Science and Mathematics. Students who have not completed Biology and/or Chemistry at the HSC are strongly recommended to enrol in bridging courses offered in February each year.

Course Requirements

Students who have not completed HSC Mathematics at Band 4 or higher (or equivalent) are required to complete a mathematics subject (MATH151 or equivalent) normally in the first year.

Students may only count 60 credit points of 100-level subjects towards the degree.

Students must complete a minimum of 32 credit points of 300-level subjects.

Students must have a grade of Pass (not Pass Supplementary) or higher in at least 24 credit points of 300-level core subjects which form part of a Science major.

Bachelor of Conservation Biology (327)

This is a prescribed program of study comprising core and optional subjects as set out below.

Progression Requirements

Satisfactory performance must be achieved (normally a Weighted Average Mark (WAM) of 70% or greater in 300-level subjects) for entry into the fourth year of the Bachelor of Conservation Biology degree. Students with an average below 70% in 300-level subjects may only progress into the fourth year of the Bachelor of Conservation Biology with the approval of the Conservation Biology Coordinator. Students who do not gain entry into the fourth year of the Bachelor of Conservation Biology degree will normally be required to transfer into the Bachelor of Science (Conservation Biology) degree.

Bachelor of Conservation Biology Advanced (328)

Students who are eligible for this degree fulfil all of the same requirements as Bachelor of Conservation Biology candidates but are also eligible for additional benefits and challenges. Advanced students have the opportunity to undertake individual research subjects and apply for paid research assistantships.

Progression Requirements

To maintain a place in an Advanced degree, students are normally required to achieve a Weighted Average Mark (WAM) of at least 75%. The performance of each student will be reviewed initially by the Associate Dean after the completion of 72 credit points. Students not meeting the minimum progression requirements will be required to transfer into the Bachelor of Conservation Biology or Bachelor of Science degree.

For further information refer to the entry for the Bachelor of Science Advanced (741A) and consult the Degree Coordinator.

Course Program

Subjects		Session	Credit Points
First Year			
BIOL104	Evolution, Biodiversity and Environment	Autumn	6
BIOL105	Functional Biology of Animals and Plants	Autumn	6
CHEM101	Chemistry 1A:Introductory Physical and General Chemistry	Autumn	6
MATH151	General Mathematics 1A (if required)	Autumn	6
BIOL103	Molecules, Cells and Organisms	Spring	6
CHEM102	Chemistry 1B: Structure and Reactivity of Molecules for Life	Spring	6
SCIE103	Climate Change	Spring	6
Recommended Electives: Select one or two to total 48 cp at 1st Year.			
Note: EESC103 Landscape Change and Climatology is a pre-requisite for MARE200.			
EESC103	Landscape Change and Climatology	Autumn	6
EESC104	Human Geography: Sustainability, Cities and Cultures	Spring	6
STAT252	Statistics for the Natural Sciences*	Spring	6
	** Recommended to enable more research choices in 2nd Year*		
Second Year			
BIOL240	Biodiversity of Marine and Freshwater Organisms	Autumn	6
BIOL251	Principles of Ecology	Autumn	6
EESC204	Introductory Spatial Science	Autumn or Spring	6
BIOL241	Biodiversity of Terrestrial Organisms	Spring	6
BIOL252	Evolution and Behaviour	Spring	6
STAT252	Statistics for the Natural Sciences*	Spring	6

	** If not completed in 1st Year*		
Electives			
Select from the following to total 48 cp at 2nd Year			
BIOL292	Special Biology Studies	Autumn or Spring	6
EESC203	Biogeography and Environmental Change	Autumn	6
MARE200	Introduction to Oceanography	Autumn	6
EESC202	Soils, Landscapes and Hydrology	Spring	6
SCIE292	Science Research Internship*	Autumn, Spring or Summer	6
	**SCI392 is not available to students who have completed SCIE292 in 2nd Year*		
Students wishing to specialise in Conservation Genetics should select			
BIOL213	Principles of Biochemistry	Autumn	6
BIOL215	Introductory Genetics	Spring	6
Third Year			
Core			
BIOL300	Focus on Conservation	Autumn, Spring or Summer	8
BIOL332	Ecological and Evolutionary Physiology	Autumn	8
BIOL351	Conservation Biology: Marine and Terrestrial Populations	Autumn	8
EESC305	Remote Sensing of the Environment	Autumn	8
or			
EESC304	Geographic Information Science	Spring	8
BIOL355	Marine and Terrestrial Ecology	Spring	8
Electives			
Select ONE elective			
BIOL392	Advanced Biology	Autumn, Spring or Summer	8
SCIE392	Science Research Internship*	Autumn, Spring or Summer	8
	**SCI392 is not available to students who have completed SCIE292*		
EESC305	Remote Sensing of the Environment	Autumn	8
STAT355	Sample Surveys and Experimental Design (with Project)	Autumn	8
EESC304	Geographic Information Science	Spring	8
LAW 380	Law for Environmental Managers	Spring	8
MARE300	Fisheries and Aquaculture	Spring	8
MARE357	Advances in Molluscan Biology	Not offered in 2013	8
or one other subject approved by the degree coordinator			
Fourth Year			
BIOL410	Conservation Biology Project	Annual	48

Honours

The Honours grade for the degrees of Bachelor of Conservation Biology Honours and Bachelor of Conservation Biology Advanced Honours will be calculated in accordance with Method 1 defined in the General Course Rules Section 8.

Professional Recognition

Graduates may qualify to apply for membership of the Australian Institute of Biology.

Further Information

Further information is available at http://coursefinder.uow.edu.au/ or email: science-enquiries@uow.edu.au

Bachelor of Creative Arts

Testamur Title:	Bachelor of Creative Arts
Abbreviation:	BCA
My University:	Creative Arts, Creative Writing, Graphic Design, Theatre, Visual Arts, Music, Drama, Acting, Drawing, Fine Arts, Painting, Performance, Photography, Printmaking, Sculpture, Textiles, Fibres
Duration:	3 years full-time or part-time equivalent
Total Credit Points:	144
Delivery Mode:	On campus
Starting Session(s):	Autumn
Location:	Wollongong
UOW Course Code:	840
UAC Codes:	Specified for each major
CRICOS Code:	001709K

Overview

The Bachelor of Creative Arts (BCA) is a three-year full-time course that involves study of theory and practice-based work in a Major Study area: Creative Writing, Graphic Design, Theatre, Visual Arts or Visual Arts and Design. The main focus of the degree is artistic practice informed by history and theory subjects.

Opportunities exist for artistic collaboration, exchange and study abroad.

A Bachelor of Creative Arts degree can lead to career opportunities as an artist, graphic designer, photographer, writer, publisher, curator, arts administrator or manager, teacher (on completion of a Graduate Diploma in Education) or to opportunities to work in the radio, television and multimedia industries.

Entry Requirements

Admission to the Bachelor of Creative Arts is based on the HSC ATAR (or equivalent), although outstanding results in relevant subjects/areas may also be taken into account.

Credit Transfer

The Faculty offers credit transfers to students who have successfully completed relevant courses at accredited universities and colleges. Students seeking credit transfer are advised to contact the Faculty or UniAdvice for further details and refer to the General Course Rules.

Course Requirements

All students must complete a minimum of 144 credit points (cp) comprised of:

1. 18 credit points comprising the core BCA subjects:
   - CACS101 Contemporary Creative Practice
   - CACS102 Critical Frameworks in Creative Practice
   - CACS301 Professional Practice
2. A major study in one of the following disciplines:
   - Creative Writing (72 credit points)
   - Graphic Design (72 credit points)
   - Theatre (72 credit points)
   - Visual Arts (72 credit points)
   - Visual Arts and Design (96 credit points)
3. 6 credit points of 300-level BCA theory subjects
4. Electives to bring the total number of credit points completed to 144.

Programs of study are outlined under each Major Study listed in this Handbook.

No more than 60cp at 100 level can be counted towards the Bachelor of Creative Arts degree. Therefore, no more than 24 credit points of elective subjects may be taken at 100 level. Students must achieve a clear pass in the core 300-level subjects to be eligible to graduate with a Bachelor of Creative Arts.

As part of their elective subjects, students are encouraged to undertake a Minor Study in order to add a multi-disciplinary aspect to their Bachelor of Creative Arts Degree. Students may not undertake a Major and Minor Study in the same discipline. Subjects taken as part of a Major or Minor cannot be cross-counted into any other Major or Minor.

Honours

On completion of the Bachelor of Creative Arts, high achieving students may apply to undertake an additional Honours year.

Creative Writing Major

UAC Code: 754601

A major in Creative Writing offers both a practical and theoretical understanding of writing practice. The first year provides a foundation in Creative Writing covering a range of styles as well as editing. The core themes of the narrative, poetic and dramatic are continued in second year along with specific writing theory. The final year culminates in a major project that allows students to develop a significant piece of creative work.

In general, class activities are based around a combination of lectures, intensive workshops, writing exercises, group discussions and individual student presentations. The degree regularly makes use of various artist and writer-in-residence schemes. Students are encouraged to participate in extracurricular activities; to facilitate public readings and performance of their work and to pursue publication opportunities.

Program of Study

Subjects		Session	Credit Points
Core BCA Subjects:			
CACS101	Contemporary Creative Practice	Autumn	6
CACS102	Critical Frameworks in Creative Practice	Spring	6
CACS301	Professional Practice	Spring Summer	6
Major Study:			
CACW101	Writing Foundation: Poetic, Dramatic, Narrative	Autumn	6
CACW103	Editing Foundations	Autumn	6
CACW102	Writing Foundation: Literary Crossovers	Spring	6
CACW104	Text and Context	Spring	6
CACW201	Poetic Studio	Autumn	6
CACW202	Dramatic Studio	Autumn	6
CACW231	Writing, Representation and Power	Autumn	6
CACW203	Narrative Studio	Spring	6
CACW232	Writing and Critical Theory	Spring	6
CACW301	Writing Across Borders: Imagining and Re-imagining Story	Autumn	6
CACW390	Creative Writing Major Project	Spring	12
One of the following 300 level BCA Theory subjects:			
CACW331	Contemporary Theory and the Practising Writer	Autumn	6
CAGD331	New Media and Visual Communications Theory	Autumn	6
CAPF331	Theory and Practice of Theatre and Performance in the 20th and 21st Century	Autumn	6
CAVA331	Contemporary Artworlds	Autumn	6
CAGD332	Advanced Graphic Design and Visual Communications Theory	Spring	6
CAPF333	Political Dramaturgy	Spring	6
CAVA332	Globalisation and Contemporary Art	Spring	6
CAVA361	Curatorial Practices	Spring	6

Other Information

Further information is available at http://coursefinder.uow.edu.au/ or email: Creative Arts - fca_enquiries@uow.edu.au

Graphic Design Major

UAC Code: 754602

A major study in Graphic Design combines the study of graphic design and design thinking with laboratory production components. Students are introduced to a range of graphic design techniques and practices across a number of conceptual, social and industry contexts including visual communication design, innovations in design practice and sustainability and ethics. The course encourages an interdisciplinary collaborative approach to the study and practice of creative print and screen-based design. Student work is shown throughout the year in one of the gallery spaces in the Faculty.

The first year of the course provides a strong foundation in visual and design concepts. During second year, students pursue specialised study in typography, branding, illustration, campaign graphics, editorial design, web design and design theory. Increasingly, student projects are concerned with design thinking, research methodology, collaboration and design innovation. Theory and production subjects run in parallel throughout the year.

The focus in third year is upon developing advanced graphic design skills within a professional, innovative, applied and reflective context. Students develop advanced critical, conceptual and practical skills across client engagement, print and interactive media. The course culminates in a final year major project and public exhibition of students' work within the Graduate Show.

Program of Study

Subjects		Session	Credit Points
Core BCA Subjects:			
CACS101	Contemporary Creative Practice	Autumn	6
CACS102	Critical Frameworks in Creative Practice	Spring	6
CACS301	Professional Practice	Spring/Summer	6
Major Study:			
CAVA101	Visual Foundation 1	Autumn	6
CAVA102	Visual Foundation 2	Autumn	6
CAVA103	Visual Foundation 3	Spring	6
CAVA104	Visual Foundation 4: Studio Practice	Spring	6
CAGD201	Graphic Design Studio 1 – Typography and Layout	Autumn	6
CAGD202	Graphic Design Studio 2 - Visual Communication	Autumn	6
CAGD231	Graphic Design and Visual Communications Theory 1	Autumn	6
CAGD203	Graphic Design Studio 3 – Design Innovation	Spring	6
CAGD232	Graphic Design and Visual Communications Theory 2	Spring	6
CAGD301	Graphic Design Studio 4 – Design Practice	Autumn	6
CAGD390	Graphic Design Major Project	Spring	12
One of the following 300 level BCA Theory Subjects:			
CACW331	Contemporary Theory and the Practising Writer	Autumn	6
CAGD331	New Media and Visual Communications Theory	Autumn	6
CAPF331	Theory and Practice of Theatre and Performance in the 20th and 21st Century	Autumn	6
CAVA331	Contemporary Artworlds	Autumn	6
CAGD332	Advanced Graphic Design and Visual Communications Theory	Spring	6
CAPF333	Political Dramaturgy	Spring	6
CAVA332	Globalisation and Contemporary Art	Spring	6
CAVA361	Curatorial Practices	Spring	6

Other Information

Further information is available at http://coursefinder.uow.edu.au/ or email: Creative Arts - fca_enquiries@uow.edu.au

Theatre Major

UAC Code: 754609

A major study in Theatre major offers a flexible program covering a wide range of areas in theatre and performance. Students will be able to undertake studies that include:

- Performance skills (Acting, Singing, Movement and Voice)
- Stagecraft
- Introduction to lighting and sound design
- Stage management
- Producing live performance
- Dramaturgy, history and theory

The course is primarily practice-based and offers opportunities to work with professional artists on the creation of contemporary theatre works. The course also emphasises theory and history as essential to the development of informed and self reliant practitioners.

In first year, students acquire competencies in performance skills and stagecraft with an emphasis on collaboration and ensemble practice. In second and third year, students can select a range of Theatre Studios that cover a diverse range of areas as well as study contemporary theatre history and theory. The third year culminates in a major project where students undertake a major creative work.

A Bachelor of Performance with majors in Acting, Performance-making and Technical Theatre is also offered by the Faculty of Creative Arts.

Students who complete the first year of the Bachelor of Creative Arts (Theatre) to a high performance standard may be permitted to transfer into the Bachelor of Performance.

Program of Study

Subjects		Session	Credit Points
Core BCA Subjects:			
CACS101	Contemporary Creative Practice	Autumn	6
CACS102	Critical Frameworks in Creative Practice	Spring	6
CACS301	Professional Practice	Spring/Summer	6
Major Study:			
CAPF101	Performance Skills 1: Acting, Movement, Singing, Voice	Autumn	6
CAPF111	Stagecraft 1	Autumn	6
CAPF102	Performance Skills 2: Acting, Movement, Singing, Voice	Spring	6
CAPF112	Stagecraft2	Spring	6
CAPF203	Generative Performance Skills 1	Spring	6
CAPF221	Theatre Studio: Performance Workshop	Autumn	6
CAPF222	Theatre Studio: Methodologies	Autumn	6
CAPF231	Contemporary Theatre and Text	Autumn	6
CAPF232	Contemporary Australian Theatre and its Context	Spring	6
CAPF303	Generative Performance Skills 2	Autumn	6
CAPF390	Major Performance Production	Spring	12
One of the following 300 level BCA Theory subjects:			
CACW331	Contemporary Theory and the Practising Writer	Autumn	6
CAGD331	New Media and Visual Communications Theory	Autumn	6
CAPF331	Theory and Practice of Theatre and Performance in the 20th and 21st Century	Autumn	6
CAVA331	Contemporary Artworlds	Autumn	6
CAGD332	Advanced Graphic Design and Visual Communications Theory	Spring	6
CAPF333	Political Dramaturgy	Spring	6

CAVA332	Globalisation and Contemporary Art	Spring	6
CAVA361	Curatorial Practices	Spring	6

Other Information

Further information is available at http://coursefinder.uow.edu.au/ or email: Creative Arts - fca_enquiries@uow.edu.au

Visual Arts Major

UAC Code: 754605

A major study in Visual Arts is based on studio practice and related theory and history studies. The studio processes cover textiles, painting and sculpture - with support studies in drawing, printmaking, photography, video, installation, digital image making and curatorial practices. Student work is shown throughout the year in gallery spaces in the Faculty.

The first year provides a strong foundation in visual and design concepts. In second year, students move towards their chosen specialization in the studio subjects. Increased emphasis is placed on students' ability to achieve independence in ideas, technical skills and work practices. Students are encouraged to contextualise their artwork in contemporary practice by developing research processes, attending exhibitions and participating in the wider artistic community. Alongside the studio practice are theory subjects that provide students with the theory, history and context to support their practice. In third year studio subjects, students are expected to explore and develop personal themes and ideas to a greater depth. The focus is on the completion of a major project, culminating in the public exhibition of work within the Graduate Show.

Program of Study

Subjects		Session	Credit Points
Core BCA Subjects:			
CACS101	Contemporary Creative Practice	Autumn	6
CACS102	Critical Frameworks in Creative Practice	Spring	6
CACS301	Professional Practice	Spring/Summer	6
Major Study:			
CAVA101	Visual Foundation 1	Autumn	6
CAVA102	Visual Foundation 2	Autumn	6
CAVA103	Visual Foundation 3	Spring	6
CAVA104	Visual Foundation 4: Studio Practice	Spring	6
CAVA201	Visual Arts Studio 1	Autumn	6
CAVA202	Visual Arts Studio 2	Autumn	6
CAVA232	Contemporary Indigenous Art: Theory and Practice	Autumn	6
CAVA203	Visual Arts: Studio 3	Spring	6
CAVA231	Visual Art, Modernism and the Avant-garde	Spring	6
CAVA301	Visual Arts Workshop	Autumn	6
CAVA390	Visual Arts Major Project	Spring	12
One of the following 300 level BCA Theory subjects:			
CACW331	Contemporary Theory and the Practising Writer	Autumn	6
CAGD331	New Media and Visual Communications Theory	Autumn	6
CAPF331	Theory and Practice of Theatre and Performance in the 20th and 21st Century	Autumn	6
CAVA331	Contemporary Artworlds	Autumn	6
CAGD332	Advanced Graphic Design and Visual Communications Theory	Spring	6
CAPF333	Political Dramaturgy	Spring	6
CAVA332	Globalisation and Contemporary Art	Spring	6
CAVA361	Curatorial Practices	Spring	6

Other Information

Further information is available at http://coursefinder.uow.edu.au/ or email: Creative Arts - fca_enquiries@uow.edu.au

Visual Arts and Design Major

UAC Code: 754607

A major study in Visual Arts and Design is suitable for students who wish to combine study in the fields of Visual Arts and Design. The Visual Arts component is based on studio practice and related theory and history studies. The studio processes cover textiles, painting and sculpture - with support studies in drawing, printmaking, photography, video, installation, digital image making and curatorial practices.

In the Design component students are introduced to a range of graphic design techniques and practices across a number of conceptual, social and industry contexts including visual communication design, innovations in design practice and sustainability & ethics. Student work is shown throughout the year in gallery spaces in the Faculty.

The structure of the course is based on a common foundation first year, followed by a sequence of parallel Visual Arts and Design studio subjects, leading towards a capstone project-based subject, which can involve work in one or both fields of study. Students may focus on either Visual Arts or Graphic Design theory subjects at 300 level. The course culminates in a final year major project and public exhibition of students' work within the Graduate Show.

Program of Study

Subjects		Session	Credit Points
Core BCA Subjects:			
CACS101	Contemporary Creative Practice	Autumn	6
CACS102	Critical Frameworks in Creative Practice	Spring	6
CACS301	Professional Practice	Spring Summer	6
Major Study:			
CAVA101	Visual Foundation 1	Autumn	6
CAVA102	Visual Foundation 2	Autumn	6
CAVA103	Visual Foundation 3	Spring	6
CAVA104	Visual Foundation 4: Studio Practice	Spring	6
CAGD201	Graphic Design Studio 1 – Typography and Layout	Autumn	6
CAGD231	Graphic Design and Visual Communications Theory 1	Autumn	6
CAVA201	Visual Arts Studio 1	Autumn	6
CAVA232	Contemporary Indigenous Art: Theory and Practice	Autumn	6
CAGD203	Graphic Design Studio 3 – Design Innovation	Spring	6
CAGD232	Graphic Design and Visual Communications Theory 2	Spring	6
CAVA203	Visual Arts Studio 3	Spring	6
CAVA231	Visual Art, Modernism and the Avant-garde	Spring	6
CAGD301	Graphic Design Studio 4 – Design Practice	Autumn	6
CAVA301	Visual Arts Workshop	Autumn	6
Plus:			
CADG390	Graphic Design Major Project	Spring	12
or			
CAVA390	Visual Arts Major Project	Spring	12
Plus one of the following 300 level BCA Theory subjects:			
CAGD331	New Media and Visual Communications Theory	Autumn	6
CAVA331	Contemporary Artworlds	Autumn	6
CAGD332	Advanced Graphic Design and Visual Communications Theory	Spring	6

CAVA332	Globalisation and Contemporary Art	Spring	6

Other Information

Further information is available at http://coursefinder.uow.edu.au/ or email: Creative Arts - fca_enquiries@uow.edu.au

Creative Arts Minor Studies

Creative Arts offers a range of minor studies open to all undergraduate students provided they meet pre-requisites where required. Students from other faculties are encouraged to enrol in Creative Arts minor studies to satisfy the elective requirements of their course, where appropriate.

Each minor study is comprised of 24 credit points.

For students in the Bachelor of Creative Arts, undertaking a minor study is an opportunity to undertake a multidisciplinary course of study. Please note that students may not undertake a major and minor study in the same discipline. Subjects taken as part of a major or minor cannot be cross-counted into any other major or minor.

Minor studies are recorded on a student's academic transcript. Students are reminded that to have a minor study recorded they need to declare their minor study by submitting an Application to Declare or Change Intended Major/Minor.

Creative Arts offers minor studies in the following areas:

Art History

Creative Arts

Creative Writing

Design

Design History

Media Arts

Technical Theatre

Theatre

Visual Arts

Art History Minor Study

To complete a Minor Study in Art History, students must complete the following subjects.

The Art History Minor Study is not available to students studying the BCA Visual Arts major or BCA Visual Arts and Design major.

Subjects		Session	Credit Points
CAVA232	Contemporary Indigenous Art: Theory and Practice	Autumn	6
CAVA231	Visual Art, Modernism and the Avant-garde	Spring	6
CAVA331	Contemporary Artworlds	Autumn	6
CAVA332	Globalisation and Contemporary Art	Spring	6

Creative Arts Minor Study

The Creative Arts Minor Study is offered by the Faculty to allow students studying courses in other faculties the opportunity to undertake a broad range of subjects in Creative Arts. To complete a Minor Study in Creative Arts, students must complete 24cp from the following list of subjects.

The Creative Arts Minor Study is not available to students studying a Bachelor of Creative Arts, Bachelor of Creative Arts (Dean's Scholar) or Bachelor of Performance. Students studying the Bachelor of Journalism cannot count DESN190 or DESN290 towards a Creative Arts Minor Study.

Subjects		Session	Credit Points
12cp from the following 100 level subjects:			
CACS101	Contemporary Creative Practice	Autumn	6
CACS102	Critical Frameworks in Creative Practice	Spring	6
CACW100	Introduction to Creative Writing	Autumn, Spring, Summer	6
CACW103	Editing Foundation	Autumn	6
CACW104	Text and Context	Spring	6
CAPA111	Technical Production 1	Autumn	6
CAPA112	Technical Production 2	Spring	6

DESN190	Design Principles	Spring	6
MEDA101	Introduction to Media Arts	Autumn	6
MEDA102	Computational Media	Spring	6
VISA124	Introduction to Photography	Autumn, Spring, Summer	6
VISA190	Visual Arts Workshop A	Autumn, Spring, Summer	6
Plus 12cp from the following 200 level subjects:			
CAOS201	Social Intersections	Autumn	6
CAOS202	Word and Image	Spring	6
CAOS203	Audio / Visual Composition	Spring	6
CAOS204	Sound Design	Autumn	6
CAOS205	New Documentary	Spring	6
CAPF222	Theatre Studio: Methodologies	Autumn	6
DESN290	Design Practice	Autumn	6
MEDA201	Time, Space & Data	Autumn	6
MEDA202	System, Play & Interaction	Spring	6
VISA290	Visual Arts Workshop B	Autumn, Spring	6

Creative Writing Minor Study

To complete a Minor Study in Creative Writing, students must complete 24cp from the following list of subjects.

The Creative Writing Minor Study is not available to students studying the BCA Creative Writing major.

Subjects		Session	Credit Points
CACW100	Introduction to Creative Writing	Autumn, Spring, Summer	6
Plus 6cp from the following 100 level subjects:			
CACW103	Editing Foundations	Autumn	6
CACW104	Text and Context	Spring	6
Plus 12cp from the following 200 level subjects:			6
CACW201	Poetic Studio	Autumn	6
CACW202	Dramatic Studio	Autumn	6
CACW203	Narrative Studio	Spring	6
CACW231	Writing, Representation and Power	Autumn	6
CACW232	Writing and Critical Theory	Spring	6

Design Minor Study

To complete a Minor Study in Design, students must complete 24cp from the following list of subjects.

The Design Minor Study is not available to students studying the BCA Graphic Design major or BCA Visual Arts and Design major.

Subjects		Session	Credit Points
VISA124	Introduction to Photography	Autumn, Spring, Summer	6
or			
VISA190	Visual Arts Workshop A	Autumn, Spring, Summer	6
or			
MEDA101	Introduction to Media Arts	Autumn	6
Plus the following subjects:			
DESN190	Design Principles	Spring	6
DESN290	Design Practice	Autumn	6
CAOS202	Word and Image	Spring	6

Design History Minor Study

To complete a Minor Study in Design History, students must complete the following subjects.

The Design History Minor Study is not available to students studying the BCA Graphic Design major or BCA Visual Arts and Design major.

Subjects		Session	Credit Points
CAGD231	Graphic Design and Visual Communications Theory 1	Autumn	6
CAGD232	Graphic Design and Visual Communications Theory 2	Spring	6
CAGD331	New Media and Visual Communications Theory	Autumn	6
CAGD332	Advanced Graphic Design and Visual Communications Theory	Spring	6

Media Arts Minor Study

To complete a Minor Study in Media Arts, students must complete the following subjects.

The Media Arts Minor Study is not available to students studying the Bachelor of Digital Media.

Subjects		Session	Credit Points
MEDA101	Introduction to Media Arts	Autumn	6
MEDA102	Computational Media	Spring	6
MEDA201	Time, Space and Data	Autumn	6
MEDA202	System, Play and Interaction	Spring	6

Technical Theatre Minor Study

To complete a Minor Study in Technical Theatre, students must complete 24cp from the following list of subjects.

The Technical Theatre Minor Study is not available to students studying the Bachelor of Performance Technical Theatre major.

Subjects		Session	Credit Points
CAPA111	Technical Production 1	Autumn	6
CAPA112	Technical Production 2	Spring	6
Plus			
CAPA211	Technical Theatre: Production 1	Autumn	6
or			
CAPA212	Technical Theatre: Production 2	Spring	6
Plus			
CAOS204	Sound Design	Autumn	6
or			
CAPA216	Lighting	Spring	6

Theatre Minor Study

To complete a Minor Study in Theatre, students must complete 24cp from the following list of subjects.

The Theatre Minor Study is not available to students studying the Bachelor of Performance or BCA Theatre major.

Subjects		Session	Credit Points
CAPF111	Stagecraft 1	Autumn	6
CAPF112	Stagecraft 2	Spring	6
Plus 12 credit points from the following:			
CAPF221	Theatre Studio: Performance Workshop	Autumn	6
CAPF222	Theatre Studio: Methodologies	Autumn	6
CAPF231	Contemporary Theatre and Text	Autumn	6
CAPF232	Contemporary Australian Theatre and its Context	Spring	6
CAPF331	Theory and Practice of Theatre and Performance in the 20th and 21st Century	Autumn	6
CAPF333	Political Dramaturgy	Spring	6

Visual Arts Minor Study

To complete a Minor Study in Visual Arts, students must complete 24cp from the following list.

The Visual Arts Minor Study is not available to students studying the BCA Visual Arts major or BCA Visual Arts and Design major.

Subjects		Session	Credit Points
VISA124	Introduction to Photography	Autumn, Spring, Summer	6
or			
MEDA101	Introduction to Media Arts	Autumn	6
Plus			
VISA190	Visual Arts Workshop A	Autumn, Spring, Summer	6
VISA290	Visual Arts Workshop B	Autumn, Spring	6
And			
CAOS201	Social Intersections	Autumn	6
or			
CAOS202	Word and Image	Spring	6
or			
CAOS205	New Documentary	Spring	6

Other Information

The Faculty may impose quotas on subjects as required to ensure optimal class sizes.

Further information is available at:

UOW Coursefinder	http://coursefinder.uow.edu.au/
Creative Arts Email	fca-enquiries@uow.edu.au
Creative Arts Website	http://www.uow.edu.au/crearts/

Bachelor of Creative Arts (Dean's Scholar)

Testamur Title:	Bachelor of Creative Arts (Dean's Scholar)
Abbreviation:	BCA (Dean's Schol)
My University:	Creative arts, creative writing, graphic design, theatre, visual arts, music, drama, acting, drawing, fine arts, painting, performance, photography, printmaking, sculpture, textiles, fibres
Duration:	3 years full-time or part-time equivalent
Total Credit Points:	144
Delivery Mode:	On campus (face-to-face)
Starting Session(s):	Autumn
Location:	Wollongong
UOW Course Code:	840_2
UAC Code:	754610
CRICOS Code:	001709K

Overview

The Dean's Scholar Program is designed for high achieving students to complete the Bachelor of Creative Arts degree with a number of benefits.

- A textbook/materials allowance
- Access to an academic mentor
- Access to postgraduate events, seminars and workshops, where appropriate
- Extended internet quota
- Extended library access
- Opportunity for internships and/or self-directed study/special projects

To qualify for the award of Dean's Scholar, students must complete the course requirements specified for the Bachelor of Creative Arts. Dean's Scholars must also maintain an average of 75% in each year of study to remain in

the program. If the student's average falls below 75%, the student will be transferred into the Bachelor of Creative Arts degree.

Entry Requirements

Admission to the Bachelor of Creative Arts (Dean's Scholar) degree is based on the HSC ATAR (or equivalent). A minimum ATAR of 90.00 is required. Applicants may also be asked to attend an on-campus interview.

Credit Transfer

The Faculty offers credit transfers to students who have successfully completed relevant courses at accredited universities and colleges. Students seeking credit transfer are advised to contact the Faculty or UniAdvice for further details and refer to the General Course Rules.

Course Requirements

The course requirements for the Bachelor of Creative Arts (Dean's Scholar) are the same as for the Bachelor of Creative Arts, with the additional criterion that students must maintain an average of 75% in each year of study to remain in the program.

Other Information

The Faculty may impose quotas on subjects as required to ensure optimal class sizes.

Further information is available at:

UOW Coursefinder	http://coursefinder.uow.edu.au/
Creative Arts Email	fca_enquiries@uow.edu.au
Creative Arts Website	http://www.uow.edu.au/crearts/

Bachelor of Creative Arts Honours

Testamur Title:	Bachelor of Creative Arts Honours
Abbreviation:	BCA(Hons)
My University:	Creative Arts, Creative Writing, Graphic Design, Theatre, Visual Arts, Music, Drama, Acting, Drawing, Fine Arts, Painting, Performance, Photography, Printmaking, Sculpture, Textiles, Fibres
Duration:	1 year full-time or two years part-time
Total Credit Points:	48
Delivery Mode:	Supervised individual research/creative projects
Starting Session(s):	Autumn
Location:	Wollongong
UOW Course Code:	843
CRICOS Code:	006983G

Overview

The Honours program is an end-on degree in Creative Arts and provides an opportunity for students to develop to a sophisticated level established theoretical and practical skills gained in the area of their Major Study during their undergraduate course. In the Bachelor of Creative Arts (Honours) course, students are given close supervision of both a research topic and a creative presentation. In addition, a weekly research methodology seminar in Autumn Session provides training in advanced research skills specific to disciplines within the creative arts. While an Honours degree is an important first step for students who wish to enrol in a higher degree program such as a research masters or a doctorate, this is not the only role of the Honours program. Honours graduates acquire greater competence and confidence in both theory and their practice. These attributes are well-recognised by employers and increase the possibilities of employment in industry, with professional bodies or research organisations.

The Bachelor of Creative Arts (Honours) is normally taken as a one year full-time course. However, it can be taken on a part-time basis over two years.

Entry Requirements

Prospective candidates need to possess a high level of research competency and a strong foundation in theoretical work; they should have a demonstrated ability to focus on a defined topic and to sustain an argument. In general, students who have completed the requirements of a Bachelor of Creative Arts degree (or an approved equivalent degree) and achieved at least a distinction average may apply to undertake the Bachelor of Creative Arts (Honours) degree in their Major Study area. Admission to Honours is by recommendation of the relevant Discipline Co-ordinator and approval by the Deputy Dean or Sub Dean of the Faculty, as well as acceptance by an academic supervisor/s in the discipline.

Honours Guide and Code of Practice (Honours)

The Bachelor of Creative Arts (Honours) Guide provides detailed information about the course.

Students are advised to refer to the University of Wollongong web site for access to the Code of Practice – Honours.

Program of Study

Subjects		Session	Credit Points
CREA401	Minor Thesis in Creative Arts	Annual	24
CREA402	Creative Arts Presentation	Annual	24

For further information on Awards or Degree Rules, please see the General Course Rules.

Joint Honours

It is not possible to undertake a joint honours program under the Bachelor of Creative Arts (Honours). However, potential honours candidates who have completed a double degree with Creative Arts and either the Faculties of Arts, Commerce or Science, may be eligible to include either CREA401 or CREA402 as part of their honours program within the other Faculty's honours degree (eg BA(Hons), BCom(Hons) or BSc(Hons)).

Candidates are advised to consult the Honours Co-ordinator for the specific discipline/faculty in the first instance to determine their eligibility. Candidates wishing to pursue a Joint Honours program must also discuss their intentions with the Honours Co-ordinator in the Faculty.

Other Information

Further information is available at:

UOW Coursefinder	http://coursefinder.uow.edu.au/
Creative Arts Email	fca_enquiries@uow.edu.au
Creative Arts Website	http://www.uow.edu.au/crearts/index.html

Bachelor of Creative Arts – Bachelor of Arts

Testamur Title:	Bachelor of Creative Arts – Bachelor of Arts
Abbreviation:	BCA-BA
My University:	Creative Arts, Creative Writing, Graphic Design, Theatre, Visual Arts, Music, Drama, Acting, Drawing, Fine Arts, Painting, Performance, Photography, Printmaking, Sculpture, Textiles, Fibres, Arts, Community, Culture and Environment, English Literatures, History, Indigenous Studies, Sociology
Duration:	4.5 years full-time or part-time equivalent
Total Credit Points:	216
Delivery Mode:	On campus
Starting Session(s):	Autumn or Spring
Location:	Wollongong
UOW Course Code:	720
UAC Codes:	751501
CRICOS Code:	028395A

Overview

This double degree enables students to undertake comprehensive major studies in both Creative Arts and Arts.

Entry Requirements

See requirements for each degree.

Credit Transfer

The Faculty offers credit transfers to students who have successfully completed relevant courses at accredited universities and colleges. Students seeking credit transfer are advised to contact the Faculty or UniAdvice for further details and refer to the General Course Rules.

Minor Studies in the Bachelor of Creative Arts – Bachelor of Arts

Students can also take a minor study as part of their degree program under both the Bachelor of Creative Arts and Bachelor of Arts. Subjects taken as part of a minor study cannot be cross counted into any other minor or major study. Students are reminded that to have a minor study recorded they must declare their minor study by submitting an Application to Declare or Change Intended Major/Minor.

Course Requirements

To qualify for the award of the Bachelor of Creative Arts - Bachelor of Arts, students must complete a minimum of 216 credit points (cp) comprised of the following:

5. 18 credit points comprising the core BCA subjects:
   - CACS101 Contemporary Creative Practice
   - CACS102 Critical Frameworks in Creative Practice
   - CACS301 Professional Practice
6. A major study in one of the following disciplines:
   - Creative Writing (72 credit points)
   - Graphic Design (72 credit points)
   - Theatre (72 credit points)
   - Visual Arts (72 credit points)
   - Visual Arts and Design (96 credit points)
7. 6 credit points of 300-level BCA theory subjects
8. Prescribed subjects for one of the Majors in the Bachelor of Arts degree or a Major in Psychology.
9. Electives to bring the total number of credit points completed to 216.

Students must consult academic advisors in the relevant Faculties concerning the selection of appropriate subjects.

Note: No more than 90 credit points at 100 level can be counted towards the Bachelor of Creative Arts - Bachelor of Arts degree. Students must achieve a clear pass in the core 300 level subjects to be eligible to graduate with a Bachelor of Creative Arts - Bachelor of Arts.

Honours

Students who complete the double degree to the required academic standard in the relevant major are eligible to apply for either Bachelor of Creative Arts (Honours) or Bachelor of Arts (Honours).

Other Information

For information on double degrees please see the Standard on Courses.

The Faculty of Creative Arts may impose quotas on subjects as required, to ensure optimal class sizes.

Further information is available at:

UOW Coursefinder	http://coursefinder.uow.edu.au/
Creative Arts Email	fca-enquiries@uow.edu.au
Creative Arts Website	http://www.uow.edu.au/crearts/

Bachelor of Creative Arts – Bachelor of Commerce

Testamur Title:	Bachelor of Creative Arts – Bachelor of Commerce
Abbreviation:	BCA-BCom
My University:	Creative Arts, Creative Writing, Graphic Design, Theatre, Visual Arts, Music, Drama, Acting, Drawing, Fine Arts, Painting, Performance, Photography, Printmaking, Sculpture, Textiles, Fibres, Commerce, Accountancy, Business Innovation, Business Law, Economics, Finance, Financial Planning, Human Resource Management, International Business, International Economics, Management, Marketing, Public Relations, Quantitative Analysis in Economics, Supply Chain Management,
Duration:	4.5 years full-time or part-time equivalent
Total Credit Points:	Minimum of 216
Delivery Mode:	On campus
Starting Session(s):	Autumn or Spring
Location:	Wollongong
UOW Course Code:	709
UAC Codes:	751502
CRICOS Code:	028396M

Overview

This double degree enables students to undertake comprehensive major studies in both Creative Arts and Commerce.

Entry Requirements

See requirements for each degree.

Credit Transfer

The Faculty offers credit transfers to students who have successfully completed relevant courses at accredited universities and colleges. Students seeking credit transfer are advised to contact the Faculty or UniAdvice for further details and refer to the General Course Rules.

Minors in the Bachelor of Creative Arts – Bachelor of Commerce

Students can also take a minor study as part of their degree program under both the Bachelor of Creative Arts and Bachelor of Arts. Subjects taken as part of a minor study cannot be cross counted into any other minor or major study. Students are reminded that to have a minor study recorded they must declare their minor study by submitting an Application to Declare or Change Intended Major/Minor.

Course Requirements

To qualify for the award of the Bachelor of Creative Arts - Bachelor of Commerce, students must complete a minimum of 216 credit points (cp) comprised of the following:

1. 18 credit points comprising the core BCA subjects:
   - CACS101 Contemporary Creative Practice
   - CACS102 Critical Frameworks in Creative Practice
   - CACS301 Professional Practice
2. A major study in one of the following disciplines:
   - Creative Writing (72 credit points)
   - Graphic Design (72 credit points)
   - Theatre (72 credit points)
   - Visual Arts (72 credit points)
   - Visual Arts and Design (96 credit points)
3. 6 credit points of 300-level BCA theory subjects
4. 102cp from the Bachelor of Commerce comprising 54cp of core subjects (including the capstone subject), plus a 48cp major
5. Elective subjects to bring the total number of credit points completed to 216.

Students undertaking a major study in Visual Arts and Design will complete 222 credit points.

Students must consult academic advisors in the relevant faculties concerning the selection of appropriate subjects.

No more than 90 credit points at 100 level can be counted towards the Bachelor of Creative Arts - Bachelor of Commerce degree. Students must achieve a clear pass in the core 300 level subject to be eligible to graduate with a Bachelor of Creative Arts - Bachelor of Commerce.

Honours

Students who complete the double degree with the required academic standard in the relevant major are eligible to apply for either Bachelor of Creative Arts (Honours) or Bachelor of Commerce (Honours).

Other Information

For information on double degrees please see the Standard on Courses.

The Faculty may impose quotas on subjects as required, to ensure optimal class sizes.

Further information is available at:

UOW Coursefinder	http://coursefinder.uow.edu.au/
Creative Arts Email	fca-enquiries@uow.edu.au
Creative Arts Website	http://www.uow.edu.au/crearts/
Commerce Email	commerce-enquiries@uow.edu.au
Commerce Website	http://www.uow.edu.au/commerce/

Bachelor of Creative Arts – Bachelor of Communication and Media Studies

Testamur Title:	Bachelor of Creative Arts – Bachelor of Communication and Media Studies
Abbreviation:	BCA-BCMS
My University:	Creative Arts, Creative Writing, Graphic Design, Theatre, Visual Arts, Music, Drama, Acting, Drawing, Fine Arts, Painting, Performance, Photography, Printmaking, Sculpture, Textiles, Fibres, Culture and Identities, Digital Media and Communication, Ethics, Global Media, Human Security, International Media and Communication, Journalism and Professional Writing, Marketing Communication and Advertising, Masculinities, Peace keeping, Transcultural Communication
Duration:	4.5 years full-time or part-time equivalent
Total Credit Points:	216
Delivery Mode:	On campus
Starting Session(s):	Autumn or Spring
Location:	Wollongong
UOW Course Code:	796
UAC Codes:	751506
CRICOS Code:	049642F

Overview

In Creative Arts, students take extensive studies in one major area: Visual Arts, Graphic Design, Creative Writing, Theatre or Visual Arts and Design. The core of the Bachelor of Communication and Media Studies deals with contemporary issues in communication and media studies, giving students a broad grounding in which to situate their major study:

- Digital Media and Communication;
- International Media and Communication;
- Journalism and Professional Writing; and
- Marketing Communications and Advertising.

Entry Requirements

See requirements for each degree.

Credit Transfer

The Faculty offers credit transfers to students who have successfully completed relevant courses at accredited universities and colleges. Students seeking credit transfer are advised to contact the Faculty or UniAdvice for further details and refer to the General Course Rules.

Minors Studies in the Bachelor of Creative Arts – Bachelor of Communication and Media Studies

Students can also take a minor study as part of their degree program under the Bachelor of Creative Arts. Subjects taken as part of a minor study cannot be cross counted into any other minor or major study. Minor studies do not appear on the Testamur (degree certificate) but do appear on the Academic Transcript (official academic record). Students are reminded that to have a minor study recorded they must declare their minor study by submitting an Application to Declare or Change Intended Major/Minor.

Course Requirements

To qualify for the award of the Bachelor of Creative Arts - Bachelor of Communication and Media Studies, students must complete a minimum of 216 credit points (cp) comprised of the following:

6. 18 credit points comprising the core BCA subjects:
   - CACS101 Contemporary Creative Practice
   - CACS102 Critical Frameworks in Creative Practice
   - CACS301 Professional Practice
7. A major study in one of the following disciplines:
   - Creative Writing (72 credit points)
   - Graphic Design (72 credit points)
   - Theatre (72 credit points)
   - Visual Arts (72 credit points)
   - Visual Arts and Design (96 credit points)
8. 6 credit points of 300-level BCA theory subjects
9. All the compulsory (core) subjects in the Bachelor of Communication and Media Studies and the required subjects of one of the major studies in that degree
10. Elective subjects to bring the total number of credit points completed to 216*

**Students undertaking a BCMS major study in Digital Media and Communication, and a BCA major study in Visual Arts and Design may be required to complete 220 credit points.*

No more than 90cp at 100 level can be counted towards the Bachelor of Creative Arts- Bachelor of Communication and Media Studies degree. Students must achieve a clear pass in the core 300 level subjects to be eligible to graduate with a Bachelor of Creative Arts - Bachelor of Communication and Media Studies.

Students must consult academic advisors in the relevant faculties concerning the selection of appropriate subjects.

Honours

On completion of the Bachelor of Creative Arts, high achieving students may apply to undertake an additional Honours year. Students should consult the Bachelor of Creative Arts (Honours) entry for requirements.

Other Information

For information on double degrees please see the Standard on Courses.

The Faculty may impose quotas on subjects as required to ensure optimal class sizes.

Further information is available at:

UOW Coursefinder	http://coursefinder.uow.edu.au/
Creative Arts Email	fca_enquiries@uow.edu.au
Creative Arts Website	http://www.uow.edu.au/crearts/
Arts Email	fac-arts@uow.edu.au
Arts Website	http://www.uow.edu.au/arts/

Bachelor of Creative Arts – Bachelor of Computer Science

Testamur Title:	Bachelor of Creative Arts – Bachelor of Computer Science
Abbreviation:	BCA-BCompSc
My University:	Creative Arts, Creative Writing, Graphic Design, Theatre, Visual Arts, Music, Drama, Acting, Drawing, Fine Arts, Painting, Performance, Photography, Printmaking, Sculpture, Textiles, Fibres, Computer Science, Digital Systems Security, Enterprise Systems Development, Multimedia Development, Game Development, Software Engineering
Duration:	4.5 years full-time or part-time equivalent
Total Credit Points:	216
Delivery Mode:	On campus
Starting Session(s):	Autumn or Spring
Location:	Wollongong
UOW Course Code:	844
UAC Codes:	751503
CRICOS Code:	031166K

Overview

This double degree enables students to undertake comprehensive major studies in both Creative Arts and Computer Science.

Entry Requirements

See requirements for each degree.

Credit Transfer

The Faculty offers credit transfers to students who have successfully completed relevant courses at accredited universities and colleges. Students seeking credit transfer are advised to contact the Faculty or UniAdvice for further details and refer to the General Course Rules.

Minors in the Bachelor of Creative Arts – Bachelor of Computer Science

Students can also take a minor study as part of their degree program. Subjects taken as part of a minor study cannot be cross counted into any other minor or major study. Students are reminded that to have a minor study recorded they must declare their minor study by submitting an Application to Declare or Change Intended Major/Minor.

Course Requirements

To qualify for the award of the Bachelor of Creative Arts - Bachelor of Computer Science, students must complete a minimum of 216 credit points (cp) comprised of the following:

11. 18 credit points comprising the core BCA subjects:
    - CACS101 Contemporary Creative Practice
    - CACS102 Critical Frameworks in Creative Practice
    - CACS301 Professional Practice
12. A major study in one of the following disciplines:
    - Creative Writing (72 credit points)
    - Graphic Design (72 credit points)
    - Theatre (72 credit points)
    - Visual Arts (72 credit points)
    - Visual Arts and Design (96 credit points)
3. 6 credit points of 300-level BCA theory subjects
4. A major sequence in the Bachelor of Computer Science as prescribed by that Faculty
5. Elective subjects to bring the total number of credit points completed to 216

Students must consult academic advisors in all relevant faculties concerning the selection of appropriate subjects.

Note: No more than 90 credit points at 100 level can be counted towards the Bachelor of Creative Arts - Bachelor of Computer Science degree. Students must achieve a clear pass in the core 300 level subjects to be eligible to graduate with a Bachelor of Creative Arts - Bachelor of Computer Science.

Honours

Students who complete the double degree with the required academic standard in the relevant major are eligible to apply for either Bachelor of Creative Arts (Honours) or Bachelor of Computer Science (Honours).

Other Information

For information on double degrees please see the Standard on Courses.

Further information is available at:

UOW Coursefinder	http://coursefinder.uow.edu.au/
Creative Arts Email	fca-enquiries@uow.edu.au
Creative Arts Website	http://www.uow.edu.au/crearts/l
Informatics Email	informatics_enquiries@uow.edu.au
Informatics Website	http://www.uow.edu.au/informatics/

Bachelor of Creative Arts – Bachelor of International Studies

Testamur Title:	Bachelor of Creative Arts – Bachelor of International Studies
Abbreviation:	BCA-BIntlSt
My University:	Creative Arts, Creative Writing, Graphic Design, Theatre, Visual Arts, Music, Drama, Acting, Drawing, Fine Arts, Painting, Performance, Photography, Printmaking, Sculpture, Textiles, Fibres, International Studies, Language
Duration:	4.5 years full-time or part-time equivalent
Total Credit Points:	Minimum of 216
Delivery Mode:	On campus
Starting Session(s):	Autumn or Spring
Location:	Wollongong
UOW Course Code:	1828
UAC Codes:	751505
CRICOS Code:	069489M

Overview

This double degree program allows students to combine the international focus of the Bachelor of International Studies with a Major Study in the Bachelor of Creative Arts.

Entry Requirements

See requirements for each degree.

Credit Transfer

The Faculty offers credit transfers to students who have successfully completed relevant courses at accredited universities and colleges. Students seeking credit transfer are advised to contact the Faculty or UniAdvice for further details and refer to the General Course Rules.

Minors in the Bachelor of Creative Arts – Bachelor of International Studies

Students can also take a minor study as part of their degree program under both the Bachelor of Creative Arts and Bachelor of International Studies. Subjects taken as part of a minor cannot be cross counted towards any other minor or major. Students are reminded that to have a minor study recorded they must declare their minor study by submitting an Application to Declare or Change Intended Major/Minor.

Course Requirements

To qualify for the award of the Bachelor of Creative Arts - Bachelor of International Studies, students must complete a minimum of 216 credit points (cp) comprised of the following:

13. 18 credit points comprising the core BCA subjects:
    - CACS101 Contemporary Creative Practice
    - CACS102 Critical Frameworks in Creative Practice
    - CACS301 Professional Practice
14. A major study in one of the following disciplines:
    - Creative Writing (72 credit points)
    - Graphic Design (72 credit points)
    - Theatre (72 credit points)
    - Visual Arts (72 credit points)
    - Visual Arts and Design (96 credit points)
3. 6 credit points of 300-level BCA theory subjects
4. The core subjects prescribed (52 credit points) for the International Studies degree
5. A minimum of a minor in a language other than English (minimum of 28 credit points; students may elect to take a major in a language)
6. At least one of the four minors listed in this degree: Asia Pacific Studies; Global Development and the Environment; International Communication; Peace and Security Studies (minimum of 24 credit points but no more than 32). These will normally be available in the second and third years of study. Upon graduation minors will appear on the transcript (i.e. academic record)
7. Elective subjects to bring the total number of credit points completed to 216

Students undertaking a major study in Visual Arts and Design may be required to complete up to 236 credit points.

Students must consult academic advisors in the relevant faculties concerning the selection of appropriate subjects.

No more than 90 credit points at 100 level can be counted towards the Bachelor of Creative Arts - Bachelor of International Studies degree. Students must achieve a clear pass in the core 300 level subjects to be eligible to graduate with a Bachelor of Creative Arts - Bachelor of International Studies.

Honours

Students who complete the double degree to the required academic standard in the relevant major are eligible to apply for either Bachelor of Creative Arts (Honours) or Bachelor of Arts (Honours).

Other Information

For information on double degrees please see the Standard on Courses.

Further information is available at:

UOW Coursefinder	http://coursefinder.uow.edu.au/
Creative Arts Email	fca_enquiries@uow.edu.au
Arts Email	fac-arts@uow.edu.au

Bachelor of Creative Arts – Bachelor of Journalism

Testamur Title:	Bachelor of Creative Arts – Bachelor of Journalism
Abbreviation:	BCA-BJour
My University:	Creative Arts, Creative Writing, Graphic Design, Theatre, Visual Arts, Music, Drama, Acting, Drawing, Fine Arts, Painting, Performance, Photography, Printmaking, Sculpture, Textiles, Fibres, Journalism
Duration:	5 years full-time or part-time equivalent
Total Credit Points:	Minimum of 216
Delivery Mode:	On campus
Starting Session(s):	Autumn
Location:	Wollongong
UOW Course Code:	856
UAC Codes:	751507
CRICOS Code:	058987F

Overview

A Bachelor of Creative Arts - Bachelor of Journalism double degree allows students to sharpen their career focus of their studies in Creative Writing, Graphic Design, Theatre, Visual Arts or Visual Arts and Design. The addition of a Journalism degree facilitates connections with the media industry through journalism internships and through the Journalism Advisory Group, composed of academic journalists and industry professionals.

Entry Requirements

See requirements for each degree.

Credit Transfer

The Faculty offers credit transfers to students who have successfully completed relevant courses at accredited universities and colleges. Students seeking credit transfer are advised to contact the Faculty or UniAdvice for further details and refer to the General Course Rules.

Minors in the Bachelor of Creative Arts – Bachelor of Journalism

Students can also take a minor study as part of their degree program under the Bachelor of Creative Arts. Subjects taken as part of a minor study cannot be cross counted into any other minor or major study. Students are reminded that to have a minor study recorded they must declare their minor study by submitting an Application to Declare or Change Intended Major/Minor.

Course Requirements

To qualify for the award of the Bachelor of Creative Arts - Bachelor of Journalism, students must complete a minimum of 216 credit points (cp) comprised of the following:

15. 18 credit points comprising the core BCA subjects:
    - CACS101 Contemporary Creative Practice
    - CACS102 Critical Frameworks in Creative Practice
    - CACS301 Professional Practice
16. A major study in one of the following disciplines:
    - Creative Writing (72 credit points)
    - Graphic Design (72 credit points)
    - Theatre (72 credit points)
    - Visual Arts (72 credit points)
    - Visual Arts and Design (96 credit points)
3. 6 credit points of 300-level BCA theory subjects
4. 108 credit points of Journalism subjects comprising 72 cp of core Bachelor of Journalism subjects and 36 cp of journalism electives
5. Elective subjects to bring the total number of credit points completed to 216

Students undertaking a major study in Visual Arts and Design will complete 228 credit points.

No more than 90cp at 100 level can be counted towards the Bachelor of Creative Arts- Bachelor of Journalism degree. Students must achieve a clear pass in the core 300 level subjects to be eligible to graduate with a Bachelor of Creative Arts- Bachelor of Journalism.

Students must consult academic advisors in the Faculty concerning the selection of appropriate subjects.

Honours

On completion of the Bachelor of Creative Arts, high achieving students may apply to undertake an additional Honours year. Students should consult the Bachelor of Creative Arts (Honours) page for entry requirements.

Other Information

For information on double degrees please see the Standard on Courses. The Faculty may impose quotas on subjects to ensure optimal class size.

Further information is available at:

UOW Coursefinder	http://coursefinder.uow.edu.au/
Email	fca-enquiries@uow.edu.au
Website	http://www.uow.edu.au/crearts/index.html

Bachelor of Creative Arts - Bachelor of Laws

Testamur Title:	Bachelor of Creative Arts - Bachelor of Laws
Abbreviation:	BCA-LLB
My University:	Creative Arts, Creative Writing, Graphic Design, Theatre, Visual Arts, Music, Drama, Acting, Drawing, Fine Arts, Painting, Performance, Photography, Printmaking, Sculpture, Textiles, Fibres, Law, Legal
Duration:	5 years full-time or part-time equivalent
Total Credit Points:	288*
Delivery Mode:	On-campus
Starting Session(s):	Autumn
Location:	Wollongong
UOW Course Code:	772
UAC Code:	751204
CRICOS Code:	005068F

** This is a minimum figure and may vary depending on the selected major.*

Overview

Students commencing University study directly from school may enrol in a double degree course with the Bachelor of Laws. Study in another academic discipline allows students to recognise how law functions in social, economic, technical, environmental and scientific contexts. The Bachelor of Creative Arts – Bachelor of Laws degree allows students to combine studies in the creative arts, such as creative writing, graphic design, visual arts or theatre with studies in law. Many lawyers find that knowledge of the arts and media is extremely useful in their practice.

For the first year of the double degree, students enrol in subjects as prescribed in the table below. The first year of the LLB must be completed full-time, except where approval is given on equity grounds. In the following four years of the degree, students enrol in subjects from the Law and Creative Arts schedules.

Entry Requirements / Assumed Knowledge

Assumed Knowledge: Any two units of English. Recommended Studies: English Advanced.

Additional selection criteria apply for the Bachelor of Creative Arts. In addition to applying to UAC, students must complete an online Creative Arts interview request form and submit a portfolio of creative work. For further information refer to the UAC Guide.

Credit Transfer

Students may apply for credit for relevant subjects completed at approved tertiary institutions. Refer to http://www.uow.edu.au/about/policy/UOW058649.html.

Course Requirements

Students who enrol in the Bachelor of Creative Arts – Bachelor of Laws, must complete each of the following:

a) all compulsory Law subjects in the sequence prescribed in the relevant Course Program;

b) elective subjects to the value of 40 credit points from the Bachelor of Laws Elective Law Schedule;

c) 96 credit points for the Bachelor of Creative Arts degree comprising:
   - 24 credit points of core subjects; and
     - 72 credit points of a Major Study in one of the following Creative Arts' disciplines: Creative Writing, Graphic Design, Theatre and Visual Arts

   or

   120 credit points for the Bachelor of Creative Arts degree comprising:
   - 24 credit points of core subjects; and
   - 96 credit points of a Major Study in the Creative Arts' discipline Visual Arts and Design

Honours

To be eligible for the award of Bachelor of Laws Honours, a candidate must complete the elective LLB313 Legal Research Project as part of the above Course Requirements. The Honours grade will be calculated in accordance with Method 4. Refer to the University's General Course Rules (8.37), for information on the methods of calculating Honours.

As an alternative to the WAM-based Honours system, eligible students may complete an additional year of study towards the award of a Bachelor of Laws Honours by Research degree or the Bachelor of Laws Joint Honours by Research degree.

In order to be eligible for the Bachelor of Laws Honours by Research degree (an 'end-on' full year honours), students must have completed all LLB degree requirements with a WAM calculated by Method 4 of 70% or more. To be eligible for the award of Bachelor of Laws Honours by Research, a candidate must complete LLB448 Research Honours in Law in addition to the above Course Requirements. The Honours grade will be calculated in accordance with Method 1. Refer to the University's General Course Rules (8.37), for information on the methods of calculating Honours. See the Bachelor of Laws Honours by Research degree entry for further details.

In order to be eligible for the Bachelor of Laws Joint Honours by Research degree (an 'end-on' full year honours), students must have completed all requirements for their double degree with a WAM calculated by Method 4 in the University's General Course Rules (8.37) of 70% or more* in their LLB subjects and overall in order to be eligible to apply. Entry must be approved by the Associate Dean, in consultation with the LLB Honours Coordinator and the relevant authority in the other discipline. The Associate Dean shall not approve entry into this course unless the LLB Honours Coordinator and the relevant authority in the other discipline have agreed, in consultation with the student, on the program of study that will form the basis of the course curriculum for the degree. See the Bachelor of Laws Joint Honours by Research degree for further details.

** Prospective candidates for the LLB Joint Honours by Research with Creative Arts need to possess a high level of research competency and a strong foundation in theoretical work; they should have a demonstrated ability to focus on a defined topic and to sustain an argument. In general, a weighted average mark (WAM) at distinction level in both theory and practice in prior undergraduate study is recommended. Please note only Autumn session commencement is possible for the LLB Joint Honours by Research with Creative Arts.*

To be eligible for the award of Bachelor of Creative Arts Honours a candidate must complete CREA401 - Minor Thesis in Creative Arts and CREA402 - Creative Arts Presentation. Please refer to Creative Arts for more information.

Course Program

Subjects (by year) - full-time program		Session	Credit Points
First Year			
LLB 100	Foundations of Law A	Autumn	8
LLB 110	Legal Research and Writing	Autumn	4
LLB 120	Law of Contract A	Autumn	8
LLB 130	Criminal Law and Process A	Autumn	8
LLB 150	Communication Skills	Autumn	2
LLB 140	Advocacy Skills	Spring	2
LLB 160	Foundations of Law B	Spring	8
LLB 170	Law of Contracts B	Spring	8
LLB 180	Criminal Law and Process B	Spring	8
LLB 197	Lawyers and Australian Society	Spring	6
Second Year			
LLB 220	Property and Trusts A	Autumn	8
LLB 230	Public Law A	Autumn	8
LLB 270	Property and Trusts B	Spring	8
LLB 280	Public Law B	Spring	8
Subjects from Creative Arts schedule			
Third Year			
LLB 240	Law of Torts	Autumn	8
LLB 260	Dispute Management Skills	Autumn	2
LLB 250	Drafting Skills	Spring	2
LLB 290	Legal Theory	Spring	8
LLB 397	Legal Internship	Autumn/Spring	2
Subjects from Creative Arts schedule			
Fourth Year			
LLB 300	Remedies and Procedure	Autumn	8
LLB 302	Law of Business Organisations	Autumn	8
LLB 301	Evidence	Spring	8
2 LLB Electives		Spring	16
Subjects from Creative Arts schedule			
Fifth Year			
2 LLB Electives		Autumn	16
1 LLB Elective		Spring	8
Subjects from Creative Arts schedule			

Majors

Majors are NOT available in the Bachelor of Laws degree. Refer to the Creative Arts Schedule for majors available in the Bachelor of Creative Arts degree.

Electives

Students must successfully complete elective subjects to the value of 40 credit points from the Bachelor of Laws Elective Law Schedule – see Bachelor of Laws (Graduate Entry).

Other Information

Further information is available at http://coursefinder.uow.edu.au/ or email: Law: law-enquiries@uow.edu.au; Creative Arts: fca_enquiries@uow.edu.au

Bachelor of Creative Arts – Bachelor of Science

Testamur Title:	Bachelor of Creative Arts – Bachelor of Science
Abbreviation:	BCA-BSc
My University:	Creative Arts, Creative Writing, Graphic Design, Theatre, Visual Arts, Music, Drama, Acting, Drawing, Fine Arts, Painting, Performance, Photography, Printmaking, Sculpture, Textiles, Fibres, Science, Biological Sciences, Chemistry, Geology, Geosciences, Human Geography and Physical Geography, Conservation Biology, Environment, Land and Heritage Management, Medical Biotechnology, Medicinal Chemistry and Nanotechnology
Duration:	4.5 years full-time or part-time equivalent
Total Credit Points:	216
Delivery Mode:	On campus
Starting Session(s):	Autumn or Spring
Location:	Wollongong
UOW Course Code:	845
UAC Codes:	751504
CRICOS Code:	031167J

Overview

This double degree enables students to undertake comprehensive major studies in both Creative Arts and Science.

Entry Requirements

See requirements for each degree.

Credit Transfer

The Faculty offers credit transfers to students who have successfully completed relevant courses at accredited universities and colleges. Students seeking credit transfer are advised to contact the Faculty or UniAdvice for further details and refer to the General Course Rules.

Minors in the Bachelor of Creative Arts – Bachelor of Science

Students can also take a minor study as part of their degree program. Subjects taken as part of a minor study cannot be cross counted into any other minor or major study. Students are reminded that to have a minor study recorded they must declare their minor study by submitting an Application to Declare or Change Intended Major/Minor.

Course Requirements

To qualify for the award of the Bachelor of Creative Arts - Bachelor of Science, students must complete a minimum of 216 credit points (cp) comprised of the following:

17. 18 credit points comprising the core BCA subjects:
    - CACS101 Contemporary Creative Practice
    - CACS102 Critical Frameworks in Creative Practice
    - CACS301 Professional Practice
18. A major study in one of the following disciplines:
    - Creative Writing (72 credit points)
    - Graphic Design (72 credit points)
    - Theatre (72 credit points)
    - Visual Arts (72 credit points)
    - Visual Arts and Design (96 credit points)
3. 6 credit points of 300-level BCA theory subjects
4. A flexible major in the Bachelor of Science as prescribed by that Faculty
5. Elective subjects to bring the total number of credit points completed to 216

Students must consult academic advisors in the relevant faculties concerning the selection of appropriate subjects.

No more than 90 credit points at 100 level can be counted towards the Bachelor of Creative Arts - Bachelor of Science degree. Students must achieve a clear pass in the core 300 level subjects to be eligible to graduate with a Bachelor of Creative Arts - Bachelor of Science.

Honours

Students who complete the double degree with the required academic standard in the relevant major are eligible to apply for either Bachelor of Creative Arts (Honours) or Bachelor of Science (Honours).

Other Information

For information on double degrees please see the Standard on Courses.

Further information is available at:

UOW Coursefinder	http://coursefinder.uow.edu.au/
Creative Arts Email	fca-enquiries@uow.edu.au
Science Email	science_office@uow.edu.au

Bachelor of Digital Media

Testamur Title:	Bachelor of Digital Media
Abbreviation:	BDigMedia
My University:	Creative Arts, Visual Arts, Animation, Electronic Art, Digital Arts, Digital Media, Fine Arts, Media Arts
Duration:	3 years full-time
	Part-time study is not available
Total Credit Points:	144
Delivery Mode:	On campus
Starting Session(s):	Autumn
Location:	Wollongong and Innovation campus
UOW Course Code:	1813
UAC Codes:	754650
CRICOS Code:	071836A

Overview

The Bachelor of Digital Media (BDM) is a comprehensive course designed to meet the diverse requirements of the growing digital media industry in both Australia and abroad. Students will develop a mixture of relevant contemporary technical skills, as well as a fundamental understanding of the digital medium and new contexts for production and technologically mediated creative practice. Students will be engaged in supported technical instruction, collaborative learning activities, the development of research and inquiry skills and project-based opportunities that reflect real life creative collaborations. This degree program aims to produce graduates who can flexibly respond to changing industry needs and opportunities, informed by an understanding and appreciation of relevant artistic traditions.

Cross Institutional Delivery

The BDM is a cross-institutional program delivered by the Faculty in collaboration with TAFE NSW - Illawarra Institute. The BDM incorporates Faculty of Creative Arts theoretical studies in Creative and Professional Practice and practical studies in Media Arts, with concurrently completed vocational studies in Interactive Digital Media and Screen and Media, offered by TAFE NSW - Illawarra Institute.

Location

Both UOW and TAFE NSW – Illawarra Institute components of the Bachelor of Digital Media are delivered primarily at the Digital Media Centre, on the UOW Innovation Campus. The Digital Media Centre is a multi-million dollar collaboration between UOW and TAFE NSW, comprising state of the art Digital Media teaching facilities such as studios, post-production suites, computer labs and exhibition spaces. An array of current and industry-recognised software and quality digital hardware supports the delivery of the practical course components.

Entry Requirements

Admission to the Bachelor of Digital Media is based on the HSC ATAR (or equivalent), although outstanding results in relevant subjects/areas may also be taken into account. Applicants accepted to the program are required to enrol as students of both the University of Wollongong and TAFE NSW - Illawarra Institute and fees are paid to both institutions.

Course Requirements

This course is offered in conjunction and concurrently with the TAFE NSW - Illawarra Institute. To qualify for the award of Bachelor of Digital Media a student shall accrue an aggregate of at least 144 credit points by satisfactory completion of the UOW subjects listed in the program of study and by cross articulation of TAFE NSW programs in Interactive Digital Media and Screen and Media, provided these courses are completed concurrently with the TAFE NSW – Illawarra Institute. A student who has gained an award of Certificate IV or Diploma in Interactive Digital Media or Screen and Media from the TAFE NSW - Illawarra Institute, prior to commencing the BDM, can apply for advanced standing in the BDM. A student completing the Bachelor of Digital Media course will also qualify for the awards of Certificate IV and Diploma in Interactive Digital Media and, depending on subject selection, may also achieve the Advanced Diploma in Screen and Media.

Subjects		Session	Credit Points
100 level			
CACS101	Contemporary Creative Practice	Autumn	6
MEDA101	Introduction to Media Arts	Autumn	6
CACS102	Critical Frameworks in Creative Practice	Spring	6
MEDA102	Computational Media	Spring	6
TAFE Certificate IV Interactive Digital Media (TAFE course code 19330)		**Credit Arrangements**	24
200 level			
CAVA232	Contemporary Indigenous Art: Theory and Practice	Autumn	6
MEDA201	Time, Space and Data	Autumn	6
CAVA231	Visual Art, Modernism and the Avant-garde	Spring	6
MEDA202	System, Play and Interaction	Spring	6
TAFE Diploma Interactive Digital Media (TAFE course code 19331)		**Credit Arrangements**	24
300 level			
CAVA331	Contemporary Artworlds	Autumn	6
CAVA332	Globalisation and Contemporary Art	Spring	6
MEDA301	Media Arts Workshop	Autumn	6
MEDA302	Media Arts Project	Spring	6
Plus:			
24 credit points of 200 or 300 level elective subjects. Up to 12 credit points of TAFE Advanced Diploma Screen and Media studies (TAFE course code 19239) can count towards the required 24 credit points.		**Credit Arrangements**	24

Note: No more than 60 credit points at 100 level can be counted towards the Bachelor of Digital Media degree. Students must achieve a clear pass in the core 300 level subjects to be eligible to graduate with a Bachelor of Digital Media.

Additional Information

The Bachelor of Digital Media is fully prescribed and cannot be taken within a double degree. Due to the structure of the program, electives are not usually available during the first or second year of the program.

Please refer to TAFE NSW- Illawarra Institute for information on TAFE key dates, student administration and specific course details.

The Faculty may impose quotas on subjects as required to ensure optimal class sizes.

Other Information

Further information is available at:

UOW Coursefinder	http://coursefinder.uow.edu.au/
Creative Arts Email	fca_enquiries@uow.edu.au

Bachelor of Economics and Finance

Testamur Title:	Bachelor of Economics and Finance
Abbreviation:	BEconFin

My University:	Economics, Finance, International Economics, Quantitative Analysis in Economics
Duration:	3 years full-time or part-time equivalent
Total Credit Points:	144
Delivery Mode:	On Campus (Face-to-Face)
Starting Session(s):	Autumn/Spring
Location and UAC Code:	Wollongong, 753670
	Shoalhaven, 753671
	Bateman's Bay, 753672
	Bega, 753673
	Southern Highlands, 753674
	Southern Sydney, 753675
UOW Course Code:	326
CRICOS Code:	075271A

Overview

This degree is designed for students who wish to become professionals in the areas of economics and finance. It is aimed at students who would prefer to specialise from the outset in these discipline areas and who wish to have their expertise more explicitly recognised on their testamur. The degree consists of compulsory core subjects including a unique capstone subject. Students graduating with this degree will have significant analytical, critical thinking and research skills in the areas of economics and finance and will thus be highly sought after by private and public sector employers both in Australia and internationally.

Entry Requirements / Assumed Knowledge

Assumed Knowledge – any two units of English and Mathematics.

Entry is open to students who have gained an Australian Tertiary Admission Rank (ATAR) or equivalent at a level determined by UOW for this calendar year. Entry for 2013 is expected to be ATAR 85. Applications are also accepted from students who have successfully completed alternative entry programs with a weighted average mark of 75.

Credit Arrangements

The Faculty offers credit transfer to students who have successfully completed relevant courses at accredited universities and colleges. Refer to: www.uow.edu.au/handbook/generalcourserules/UOW028672.html

Course Requirements

To qualify for award of the degree of Bachelor of Economics and Finance a candidate shall accrue an aggregate of at least 144 credit points by satisfactory completion of the following core subjects.

Subject Code	Subject Name	Session	Credit Points
ACCY111	Accounting Fundamentals in Society	Autumn/Spring	6
ACCY112	Accounting in Organisations	Autumn/Spring	6
COMM101	Principles of Responsible Commerce	Autumn/Spring	6
COMM121	Statistics for Business	Autumn/Spring	6
ECON101	Macroeconomic Essentials for Business	Autumn/Spring	6
ECON111	Introductory Microeconomics	Autumn/Spring	6
FIN111	Introductory Principles of Finance	Autumn/Spring	6
ACCY200	Financial Accounting IIA	Autumn/Spring	6
FIN222	Corporate Finance	Autumn/Spring	6
ECON240	Financial Modelling	Spring	6
ECON331	Financial Economics	Spring	6
Plus			
COMM330	Economics and Finance Applied Research Project	Spring	6
Plus			
One major (48cp) and one minor (24cp) OR			
One major (48cp) and two minors (48cp) OR			
Two majors (96cp)			
Plus			

Electives as necessary to complete 144 credit points

No more than 60 credit points shall be for 100 level subjects.

If a student chooses to complete one major in Economics/(Finance), then he/she must also complete at least one minor in Finance/(Economics).

If a student chooses to complete two majors, then one must be from the Economics Discipline and one from the Finance Discipline.

Note: ACCY200, FIN222, ECON240 and ECON331 can be counted towards an Economics or Finance major or minor where specified in the core or elective subjects of that major or minor.

A single subject may count towards two different majors. However, such double counting can apply to only one 6-credit-point subject. Where two or more subjects are common to two majors, the relevant Associate Head of School will designate a replacement subject.

Majors

Economics

Finance

International Economics

Quantitative Analysis in Economics

Economics

Economics is the study of the economy at the micro and macro levels. Areas of interest to economists include the behaviour of consumers and business firms, the labour market, health care, the environment, technology and innovation, economic growth and development, monetary and fiscal policy, international trade and finance, and the global economy.

Students taking an Economics major will study the theory, policies, practices and institutions of national economies and the international economy. They will learn tools of analysis that can be applied to a wide range of economic issues.

Subjects required for major study

Code	Subjects	Session	Credit Points
ECON205	Macroeconomic Theory and Policy	Autumn/Spring	6
ECON215	Microeconomic Theory and Policy	Autumn/Spring	6
ECON305	Economic Policy	Spring	6
Plus one of the following			
ECON221	Introductory Econometrics	Autumn	6
ECON222	Mathematics for Business	Autumn/Spring	6
ECON240	Financial Modelling	Spring	6
Plus one of the following			
ECON316	History of Economic Thought	Spring	6
ECON304	The Historical Foundations of the Modern Australian Economy	n/o 2013	6

Plus 18 credit points, 12 of which must be from 300-level Economics subjects and the other 6 from 200- or 300-level Economics subjects.

Finance

Finance studies the ways in which individuals, businesses, and other organisations raise, allocate and use money. Individuals need to allocate their savings among different investment alternatives, businesses and other organisations need to raise and invest capital to provide value for their owners, and individuals, businesses and other organisations use financial markets to exchange capital with each other. Finance majors are undertaken by students for three main reasons. One reason is to pursue a career in finance. This can be rewarding for individuals who are interested in analysing and solving financial problems. Another reason is where a student is majoring in another field, but is interested in understanding the firm as a whole. Since finance underlies all business functions, a better understanding of financial decision-making is essential for business success. A final reason is that a student is interested in learning about finance for personal reasons. All individuals can benefit from an understanding of how finance affects their lives and with this knowledge make better financial decisions.

Preparatory Studies

Accounting, Economics, Mathematics and Statistics are all important foundations for understanding the theory and applications of finance principles. In addition, behavioural studies are also important for an understanding of applied finance issues and decision-making.

Professional Recognition

Recognised by the Financial Services Institute of Australasia (FINSIA)

Subjects required for major study

Code	Subjects	Session	Credit Points
ACCY200	Financial Accounting IIA	Autumn/Spring	6
FIN 222	Corporate Finance	Autumn/Spring	6
FIN 223	Investment Analysis	Autumn/Spring	6
FIN 226	Financial Markets and Institutions	Spring	6
ECON240	Financial Modelling	Spring	6
FIN 322	Advanced Business Finance	Spring	6
FIN 323	Portfolio Analysis	Autumn	6
Plus at least 6 credit points from the following:			
FIN 320	Risk and Insurance	Spring	6
FIN 324	Financial Statement Analysis	Autumn	6
FIN 325	Bank Management	n/o in 2013	6
FIN 327	Entrepreneurial Finance For Business	n/o in 2013	6
FIN 351	International Finance	Spring	6
ECON331	Financial Economics	Autumn	6

Note: Students undertaking a double major with Financial Planning are required to substitute an additional 300-level FIN subject for FIN323 in their Financial Planning major.

International Economics

The International Economics major will assist students in developing a sound understanding of the economic, social and global forces that are shaping the world economy. It will cover core knowledge areas such as macro and micro economics, analyse environmental and international trade issues and provide an analysis of major economic transformations that have occurred in the Chinese economy.

Subjects required for major study

Code	Subject	Session	Credit Points
ECON205	Macroeconomic Theory & Policy	Autumn/Spring	6
ECON216	International Trade Theory & Policy	Spring	6
ECON303	Economic Development Issues	Spring	6
Plus 30 credit points from			
ECON215	Microeconomic Theory and Policy	Autumn/Spring	6
ECON231	The Creative Economy	Autumn	6
ECON251	Industry and Trade in East Asia	Spring	6
ECON304	The Historical Foundations of the Modern Australian Economy	n/o 2013	6
ECON306	The Chinese Economy	Spring	6
ECON309	Environmental and Natural Resource Economics	Autumn	6
ECON334	Global Economics	n/o 2013	6

Quantitative Analysis in Economics

The Quantitative Analysis in Economics major focuses on providing students with a sound understanding of how a modern economy works at both the macro and micro levels, and on acquiring high-level computational and data analysis skills. This set of knowledge and skills will enable you to interpret and undertake advanced economic analysis for private sector firms and government agencies.

Subjects required for major study

Code	Subject	Session	Credit Points
ECON322	Mathematical Economics	Autumn	6
ECON327	Advanced Econometrics	Spring	6
Plus 30 credit points selected from the following:-			
ECON205	Macroeconomic Theory & Policy	Autumn/Spring	6
ECON215	Microeconomic Theory & Policy	Autumn/Spring	6
ECON221	Introductory Econometrics	Autumn	6
ECON222	Mathematics for Business	Autumn/Spring	6
ECON240	Financial Modelling#	Spring	6
ECON310	Cost Benefit Analysis	Autumn	6
ECON331	Financial Economics	Autumn	6
ECON333	Conflict & Co-operation	n/o 2013	6
Plus 6 credit points from any other Economics subject			

 # ECON240 not to count with ECON221

Minors

Minors in the areas of Economics and Finance include:

Economics

Economics of Environmental Sustainability

Economies of Asia

Finance

Human Resource Economics

Quantitative Analysis in Economics

All other Commerce minor study areas include Accountancy; Business Information Systems; Business Innovation; Business Law; Human Resource Management; International Business; Management; Marketing; Public Relations; Supply Chain Management.

To satisfy the requirements of a minor study a student shall complete the listed subjects for the minor.

A single core first year subject may count towards a minor where approved.

A single subject may not count towards a major and minor or towards two minors: double counting is not permitted when completing a minor. Thus completing each minor may require an additional 24 credit points if a single core subject is not included in the minor. Where one (or more) subject(s) is common to a major and a minor or to different minors, the relevant Associate Head of School will designate a replacement subject(s).

A minor cannot be completed in the same discipline as a major, for example an Economics major and an Economics minor.

Other Information

Further information is available at:

UOW Coursefinder http://coursefinder.uow.edu.au/

Email commerce-enquiries@uow.edu.au

School of Accounting and Finance Email accfin@uow.edu.au

School of Economics Email econ_enquiries@uow.edu.au

Bachelor of Economics and Finance-Bachelor of Laws

Testamur Title:	Bachelor of Economics and Finance - Bachelor of Laws
Abbreviation:	BEconFin - LLB
My University:	Economics, Finance, Law, Legal
Duration:	5 years full-time or part-time equivalent
Total Credit Points:	300*
Delivery Mode:	On-campus
Starting Session(s):	Autumn
Location:	Wollongong
UOW Course Code:	329
UAC Code:	751216
CRICOS Code:	072570C

** This is a minimum figure and may vary depending on major.*

Overview

Students commencing University study directly from school may enrol in a double degree course with the Bachelor of Laws. Study in another academic discipline allows students to recognise how law functions in social, economic, technical, environmental and scientific contexts. The Bachelor of Economics and Finance – Bachelor of Laws degree provides opportunities for students to develop significant analytical, critical thinking and research skills in the areas of economics, finance, and law. Students will be able to demonstrate a thorough understanding of economics, finance, law theory and apply appropriate methodologies to analyse alternative solutions to contemporary issues. In addition, specialised knowledge of finance and economic issues, complemented by training in law, will equip graduates to serve in a wide range of legal roles in private, government or corporate service. For the first year of the double degree, students enrol in subjects prescribed in the schedule below. The first year of the LLB must be completed full time, except where approval is given on equity grounds. In the following four years of the degree, students enrol in subjects from the Law and the Economics and Finance schedule.

Entry Requirements / Assumed Knowledge

Assumed Knowledge: Any two units of English. Recommended Studies: English Advanced.

Credit Transfer

Students may apply for credit transfer for relevant subjects completed at approved tertiary institutions. Refer to http://www.uow.edu.au/about/policy/UOW058649.html.

Course Requirements

Students who enrol in the Bachelor of Economics and Finance - Bachelor of Laws, must complete each of the following:

a) all compulsory Law subjects as set out in the relevant Course Program;

b) elective subjects to the value of 40 credit points from the Bachelor of Laws Elective Law Schedule;

c) subjects to the value of at least 120 credit points from the Bachelor of Economics and Finance Course Program, consisting of 72 credit points of core subjects, PLUS One major (48cp) and one minor (24cp) OR One major (48cp) and two minors (48cp) OR Two majors (96cp). If a student chooses to complete one major in Economics/(Finance), then he/she must also complete at least one minor in Finance/(Economics). If a student chooses to complete two majors, then one must be from the Economics Discipline and one from the Finance Discipline.

Note: Where subjects in c) have the prefix LAW, the equivalent Bachelor of Laws subjects must be substituted.

Honours

To be eligible for the award of Bachelor of Laws Honours, a candidate must complete the elective LLB313 Legal Research Project as part of the above Course Requirements. The Honours grade will be calculated in accordance with Method 4. Refer to the University's General Course Rules (8.37), for information on the methods of calculating Honours.

As an alternative to the WAM-based Honours system, eligible students may complete an additional year of study towards the award of a Bachelor of Laws Honours by Research degree or the Bachelor of Laws Joint Honours by Research degree.

In order to be eligible for the Bachelor of Laws Honours by Research degree (an 'end-on' full year honours), students must have completed all LLB degree requirements with a WAM calculated by Method 4 of 70% or more. To be eligible for the award of Bachelor of Laws Honours by Research, a candidate must complete LLB448 Research Honours in Law in addition to the above Course Requirements. The Honours grade will be calculated in accordance with Method 1. Refer to the University's General Course Rules (8.37), for information on the methods of calculating Honours. See the Bachelor of Laws Honours by Research degree entry for further details.

In order to be eligible for the Bachelor of Laws Joint Honours by Research degree (an 'end-on' full year honours), students must have completed all requirements for their double degree with a WAM calculated by Method 4 in the University's General Course Rules (8.37) of 70% or more* in their LLB subjects and overall in order to be eligible to apply. Entry must be approved by the Associate Dean, in consultation with the LLB Honours Coordinator and the relevant authority in the other discipline. The Associate Dean shall not approve entry into this course unless the LLB Honours Coordinator and the relevant authority in the other discipline have agreed, in consultation with the student, on the program of study that will form the basis of the course curriculum for the degree. See the Bachelor of Laws Joint Honours by Research degree for further details.

** The other discipline may specify other minimum entry requirements.*

Course Program

Subjects (by year)		Session	Credit Points
First Year			
LLB 100	Foundations of Law A	Autumn	8
LLB 110	Legal Research and Writing	Autumn	4
LLB 120	Law of Contract A	Autumn	8
LLB 130	Criminal Law and Process A	Autumn	8
LLB 150	Communication Skills	Autumn	2
LLB 140	Advocacy Skills	Spring	2
LLB 160	Foundations of Law B	Spring	8
LLB 170	Law of Contracts B	Spring	8
LLB 180	Criminal Law and Process B	Spring	8
LLB 197	Lawyers and Australian Society	Spring	6
Second Year			
LLB 220	Property and Trusts A	Autumn	8
LLB 230	Public Law A	Autumn	8
LLB 270	Property and Trusts B	Spring	8
LLB 280	Public Law B	Spring	8
Subjects from the BEconFin program			
Third Year			
LLB 240	Law of Torts	Autumn	8
LLB 260	Dispute Management Skills	Autumn	2
LLB 250	Drafting Skills	Spring	2
LLB 290	Legal Theory	Spring	8
LLB 397	Legal Internship	Autumn/Spring	2
Subjects from the BEconFin program			
Fourth Year			
LLB 300	Remedies and Procedure	Autumn	8
LLB 302	Law of Business Organisations	Autumn	8
LLB 301	Evidence	Spring	8
2 LLB Electives		Spring	16
Subjects from the BEconFin program			
Fifth Year			
2 LLB Electives		Autumn	16
1 LLB Electives		Spring	8
Subjects from the BEconFin program			

Majors

Majors are NOT available in the Bachelor of Laws course.

Electives

Students must successfully complete elective subjects to the value of 40 credit points from the Bachelor of Laws Elective Law Schedule – see Bachelor of Laws (Graduate Entry).

Other Information

Further information is available at http://coursefinder.uow.edu.au/ or email: Law: law-enquiries@uow.edu.au; Commerce: commerce-enquiries@uow.edu.au

Bachelor of Education – The Early Years

Testamur Title:	Bachelor of Education – The Early Years
Abbreviation:	BEdEarlyYears
My University:	Education
Duration:	4 years full-time or part-time equivalent
Total Credit Points:	192
Delivery Mode:	On campus
Starting Session(s):	Autumn
Location:	Wollongong
UOW Course Code:	1816
UAC Code:	755111
CRICOS Code:	064117B

Overview

The Bachelor of Education – The Early Years is an exciting new approach to professional preparation in the early childhood education and care sector and focuses upon developing early childhood educators who can work with children across the age range birth-5 years and their families in a variety of roles.

There is a strong emphasis on community, social equity and justice with the focus on all young people being given the opportunity to reach their true potential.

Course content covers: Children's Development, Learning through Play, Cultural and Social Diversity, Early Intervention, Administration Leadership and Advocacy, Community Collaboration and Partnerships.

The approach to course delivery emphasises students' autonomy and critical reflection in their learning. Students are involved in problem-solving, field and library research, which is conducted in teams, following input provided by lecturing staff. Teamwork is also used to promote students' interpersonal skills, identified as a requirement for early childhood practitioners. A mentoring framework that provides scaffolding over the four years of the course further aims to develop skills in professional identity and team work. Students work collaboratively within a service through the Professional Partners Program. This is an ongoing mentored approach which enables students to be connected to specifically selected partner services.

Appropriate arrangements are made to cater for the needs of students not proceeding through the program at the normal rate, as defined in the schedule below.

Credit Transfer

Academic credit of 48 credit points may be awarded to students who have completed a Diploma in Social Science (Child Studies) or equivalent. For further information, please refer to the General Course Rules.

Entry Requirements / Assumed Knowledge

Assumed knowledge: Any two units of English. Recommended studies: Any two units of Mathematics

Course Requirements

Professional Experiences

A critical component of the degree is the provision of professional opportunities in settings where students experience real situations that allow them to build connections to the profession of early childhood education. Professional Experience commences in the first year. Experiences usually occur in the Illawarra, Shoalhaven, Southern Highlands and Southern Sydney.

Prohibited Employment Legislation

Under the Child Protection (Prohibited Employment) Act 1998, all students enrolled in this degree are required to complete a Prohibited Employment Declaration before undertaking any professional experience that involves children or young people. Students will also require police checks in some services.

Literacy Requirements

To satisfy the outcomes of all professional experiences students will require highly developed written and spoken English literacy skills. Students may be required to complete private tuition or courses in English literacy to develop their spoken and written English skills to a level of competency that will enable them to meet professional experience outcomes. These outcomes are required to satisfactorily pass this course.

Course Program

Subjects		Session	Credit Points
Year 1			
EDFE101	Educational Foundations 1:Learning & Development	Autumn	6
EDIC101	Learning and Teaching with Technology	Autumn	6
EYMP101	Early Childhood Contexts 1	Autumn	6
EYPP101	Play and Pedagogy	Autumn	6
EYCA102	Creative Arts in Early Childhood	Spring	6
EYFE102	Childhood Sociology: Children in the Family, Community and Society	Spring	6
EYLL102	Language and Literacy in Early Childhood	Spring	6
EYPD102	Observing Children	Spring	6
Year 2			
EYCB201	Guiding Children's Behaviour	Autumn	6
EYDC201	Child Development and Care	Autumn	6
EYEP201	Effective Partnerships for Early Childhood Professionals	Autumn	6
EYPD201	Curriculum Content and Programming	Autumn	6
EDAE302	Aboriginal Education	Spring	6
EYHS202	Children's Health, Safety and Well-being	Spring	6
EYPE202	Physical Environment: Learning Inside and Outside of the Classroom	Spring	6
One of the following electives:			
EYEM202	Music and Movement in Early Childhood, or	Spring	6
EYEN202	Mathematics in Early Childhood, or	Spring	6
EYST302	Science and Technology for Young Children, or	Spring	6
Any 100, 200 or 300 level subject from Education or the General Schedule with Academic advice.			
Year 3			
EDER301	Educational Research	Autumn	6
EDFE301	Educational Foundations 3: Sociology and Cultural Studies	Autumn	6
EYDC301	Birth to 3 Years: Physical Care and Development	Autumn	6
EYFE301	Early Intervention – A Broad Approach	Autumn	6
EYFE302	History and Philosophical Perspectives in E/C Education	Spring	6
EYLL302	Birth to 3 Years: Developing Language Interactions	Spring	6
EYMP302	Early Childhood Education and Care Services – Management and Administration	Spring	6
One of the following electives:			
EYEM202	Music and Movement in Early Childhood, or	Spring	6
EYEN202	Mathematics in Early Childhood, or	Spring	6
EYST302	Science and Technology for Young Children, or	Spring	6
Any 200, 300 or 400 level subject from Education or the General Schedule with Academic advice.			
Year 4			
EYPD401	Early Years Project	Annual	12
Any 400 level elective subject from Education with Academic advice.			
EYTE401	Contemporary Theories and Practice in Early Childhood	Autumn	6
EYTS401	Transition to School	Autumn	6

EYLL402	Children's Literature in Early Childhood	Spring	6
EYMP402	Advocacy and Leadership	Spring	6
One of the following electives:			
EYER402	Researching Children, or	Spring	6
EYEK402	Engaging Koori Kids, or	Spring	6
EYST302	Science and Technology for Young Children, or	Spring	6
Any 200, 300 or 400 level subject from Education or the General Schedule with Academic advice.			

Honours

Students who have achieved a high level of academic performance in the first three years of the Bachelor Education – The Early Years may complete the fourth year at Honours level.

Students admitted to the Honours program will be expected to study over two sessions for a total of 48 credit points.

The program requires the completion of EDAR401 – Advanced Research Methods (6cp), plus EYRT401 – Thesis in Early Childhood (24cp), plus EYCR400 – Contemporary Research and Issues in Early Childhood (12cp), and one elective from the 400 level electives offered in the Bachelor of Education – The Early Years Course. Refer to subject listing for further information.

The Honours grade will be calculated in accordance with Method 1. For further information refer to http://www.uow.edu.au/educ/courses/honours.

Professional Recognition

The Bachelor of Education – The Early Years is recognised by ACECQA (previously approved by the New South Wales Department of Education and Community Services).

Other Information

Further information is available at:

UOW Coursefinder: http://coursefinder.uow.edu.au/

Education email: ssc@uow.edu.au

Bachelor of Education – The Early Years (Dean's Scholar)

Testamur Title:	Bachelor of Education – The Early Years (Dean's Scholar)
Abbreviation:	BEdEarlyYears(Schol)
My University:	Education
Duration:	4 years full-time or part-time equivalent
Total Credit Points:	192
Delivery Mode:	On campus
Starting Session(s):	Autumn
Location:	Wollongong
UOW Course Code:	1821
UAC Code:	755211
CRICOS Code:	064117B

Overview

This degree provides an enriched educational experience for motivated, high achieving students who are interested in pursuing a career in the field of education. The purpose of the Dean's Scholar program is to enhance students' professional knowledge and engagement with the research culture of our Faculty, and build partnerships and contribute to the local community. Dean's scholars will benefit from mentoring, text book allowance, extended library privileges, designated study space, and have special opportunities to attend workshops and seminars.

Entry Requirements / Assumed Knowledge

Selection is based on ATAR and a successful Dean's Scholar application. Applicants must also satisfy the entry requirements for the Bachelor of Education - The Early Years.

For further information on the application and selection process refer to: http://www.uow.edu.au/educ/courses/deansscholar/index.html

Students currently enrolled in a degree at UOW may apply to transfer to the Dean's Scholar program provided they have completed 48 credit points of study at 100 level and have achieved a WAM of 85%.

Course Requirements

Dean's Scholars must fulfill the same course requirements as listed for the Bachelor of Education - The Early Years.

Honours

Dean's Scholars may choose to complete the fourth year at Honours level. The program requires the completion of EDAR401 – Advanced Research Methods (6cp), plus EYRT401 – Thesis in Early Childhood (24cp), plus EYCR400 – Contemporary Research and Issues in Early Childhood (12cp), and one elective from the 400 level electives offered in the Bachelor of Education – The Early Years Course. Refer to subject listing for further information.

The Honours grade will be calculated in accordance with Method 1. For further information refer to http://www.uow.edu.au/educ/courses/honours.

Bachelor of Engineering

Testamur Title:	Bachelor of Engineering (Major) (for Single major) (Major) (Major) (for Double majors) (Scholars)
Abbreviation:	BE
My University:	Engineering, Flexible Entry, Civil, Environmental, Materials, Mechanical, Mechatronic, Mining
Duration:	4 years full-time or part-time equivalent (for single major) 5 years full-time or part-time equivalent (for double majors)
Total Credit Points:	192 (for single major) 240 (for double majors)
Delivery Mode:	On campus (Face-to-face)
Starting Session(s):	Autumn/Spring
Location:	Wollongong
UOW Course Code:	721 (for single major) 726 (for double majors) 730 (Scholars)
CRICOS Code:	027466K (for single major) 006984F (for double major) 036456D (Scholars)

Overview

The course aims to:

- Solve engineering problems by applying the fundamentals of sciences and engineering sciences, including mathematics, statistics, physics, chemistry, computing, mechanics, materials and fluids.
- Work in a team in a modern, diverse, multi-disciplinary environment (workmates, managers, policy-makers and the wider community) using effective management techniques and communicating clearly to a variety of audiences both orally and in writing.
- Work with the highest acceptable engineering and environmental standards and professional ethics, adhere to occupational health and safety regulations while recognising the economic, environmental, global, social and legal contexts of their work.
- Utilise sophisticated engineering analysis, software and design tools to simulate the real world including computer aided design and modelling of engineering systems.

Entry Requirements / Assumed Knowledge

Entry is any two units of English plus Mathematics. Recommended studies: HSC Mathematics Ext. 1 plus Chemistry or Physics. Entry is open to students who have gained an Australian Tertiary Admission Rank (ATAR) or equivalent at a level determined by UOW for this calendar year. For International students the English language entry criteria will be as indicated on the University Website: www.uow.edu.au/future/interantional/apply/english/index.html.

Course Requirements

The normal full-time load for a Bachelor of Engineering is 48 credit points per year and, apart from thesis and professional experience subjects, all subjects have a credit point value of six. All students must complete the

required number of credit points and satisfy all course requirements for a degree or double degree before graduation – refer to course structures below.

The Bachelor of Engineering normally takes four years to complete, with double majors and double degrees normally taking five years to complete. All students must take notice of the Course Rules regarding minimum rate of progress.

Full-time Bachelor of Engineering students must accumulate at least 12 weeks of approved professional experience, documented in the form of employment reports and preferably in the period between the third and fourth years.

Each student, in their final year, must prepare a project or thesis on a research or design topic under the supervision of an academic staff member. Students must achieve a WAM of 65 or above to enrol in a thesis subject. There are two thesis options – ENGG452 Thesis A (12 credit points) and ENGG453 Thesis B (18 credit points). ENGG453 may be taken by students in the Engineering Scholars Program, or by other high achieving students, with permission of the Sub Dean. ENGG453 students are exempt from one six credit point elective. The project option is ENGG456 Engineering Project A (6 credit points).

The formal contact hours, methods of teaching and learning and forms of assessment vary from subject to subject. Explicit details will be provided to students at the commencement of each subject by the subject coordinator.

Students should attend all classes including lectures, tutorials and laboratory classes.

Scholars Program

Students require an ATAR of 95 to enter the Scholars Program in first year. Once accepted to the program, students need to achieve a Weighted Average Mark (WAM) of at least 80 each year to maintain a place. Current students can apply for a course transfer to this program after completion of a minimum of 48 credit points. Scholars Program students must complete all requirements for their respective degrees.

Scholars Research Options

Engineering Scholars Program students have the option of undertaking research projects with the various Faculty Research Units. Students should discuss proposals with the Sub Dean or Discipline Advisor before enrolling in any of the following six credit point elective subjects:

ENGG171	Scholars Research Project 1
ENGG271	Scholars Research Project 2
ENGG371	Scholars Research Project 3

Professional Options

The Faculty encourages the development of engineering skills and knowledge gained in the workplace through Professional Options. Students who work in appropriate industries can enrol in Professional Option subjects and count their industry skills and knowledge toward their degree.

Depending on the degree, and subject to approval by the Discipline Advisor, students will be able to take up to three of the following six credit point Professional Option subjects during their course:

ENGG255	Professional Option 2
ENGG355	Professional Option 3
ENGG455	Professional Option 4

Honours

To be eligible for Honours, students must complete either ENGG452 Thesis A (12 credit points) or ENGG453 Thesis B (18 credit points). Honours are then awarded at the end of the course on the basis of overall performance throughout the course. The following Honours grades may be awarded, Class I; Class II Division 1; Class II Division 2. The Honours grade will be calculated in accordance with Method 2. For further information refer to the General Course Rules.

Credit Arrangements

Applicants holding relevant TAFE Diplomas and Advanced Diplomas with a credit average may be granted up to 48 credit points (one year) of credit. Applicants with less than a credit average will be assessed on a case by case basis. Students are advised to take the maximum number of Mathematics and Science units available in their TAFE course. Credit may also be given for appropriate work experience or for courses completed in the workplace.

Professional Recognition

The Engineering degrees have been fully accredited by Engineers Australia. This recognition ensures that graduates from this course are admitted, on application, to the grade of Graduate Membership of Engineers Australia.

Single Major

Flexible Entry

Civil Engineering

Environmental Engineering

Materials Engineering

Mechanical Engineering

Mechatronic Engineering

Mining Engineering

Double Majors

A number of double Engineering majors are available:

Civil/Mining

Civil/Environmental

Mining/Environmental

Mechanical/Materials

Mechanical/Mining

Mining/Materials

These programs of study usually take five years to complete. Students may apply to transfer to a double major at the end of the first year of study. Study programs are detailed in the following pages.

Double Degrees with Bachelor of Engineering

A number of double degrees are offered by the Faculty of Engineering:

Bachelor of Engineering – Bachelor of Arts

Bachelor of Engineering – Bachelor of Commerce

Bachelor of Engineering – Bachelor of Computer Science

Bachelor of Engineering – Bachelor of Mathematics

Bachelor of Engineering – Bachelor of Science

Bachelor of Engineering (Mechanical or Mechatronics) – Bachelor of Science (Exercise Science)

Bachelor of Engineering – Bachelor of Laws

Further Studies Options

Graduates can apply for entry to the Master of Engineering Practice, Master of Engineering, Master of Engineering - Research or PhD. Continual education is a requirement for registration as a professional engineer, and most engineers undertake further study and/or short courses. Research opportunities are also available.

Other Information

Further information is available at http://coursefinder.uow.edu.au/ or email: engineering@uow.edu.au

Bachelor of Engineering (Flexible Entry)

UAC Code: 755617

Overview

The Flexible entry program has core subjects in common with Civil, Mining, Environmental, Mechanical, Materials and Mechatronics Engineering programs. This option is for students who would like to explore various engineering disciplines before selecting a major area of study. After completion of the first year subjects, shown below, students then transfer into their chosen discipline of engineering.

Course Program

Subject		Session	Credit Points
Year 1			
CHEM103	Chemistry for Engineers	Autumn	6
ENGG101	Foundations of Engineering	Autumn	6
ENGG153	Engineering Materials	Autumn	6
MATH141	Foundations of Engineering Mathematics	Autumn	6
ENGG152	Engineering Mechanics	Spring	6

ENGG154	Engineering Design and Innovation	Spring	6
MATH142	Essentials of Engineering Mathematics	Spring	6
PHYS143	Physics for Engineers	Spring	6

Other Information

Further information is available at http://coursefinder.uow.edu.au/ or email: engineering@uow.edu.au

Bachelor of Engineering (Civil Engineering)

UAC Code: 755611

Overview

- Solve engineering problems by applying the fundamentals of sciences and engineering sciences, including mathematics, statistics, physics, chemistry, computing, mechanics, materials and fluids.
- Work in a team in a modern, diverse, multi-disciplinary environment (workmates, managers, policy-makers and the wider community) using effective management techniques and communicating clearly to a variety of audiences both orally and in writing.
- Work with the highest acceptable engineering and environmental standards and professional ethics, adhere to occupational health and safety regulations while recognising the economic, environmental, global, social and legal contexts of their work.
- Utilise sophisticated engineering analysis, software and design tools to simulate the real world including computer aided design and modelling of engineering systems.
- Apply fundamental concepts to estimate loadings, survey site conditions, and assess reliability in the design and performance of structures that comply with stipulated codes and standards.
- Employ fundamentals of hydraulics and hydrology to predict flooding in natural and urban catchments and the resulting impacts, implement appropriate flood management methods, and design energy efficient hydraulic structures to convey design flows.
- Evaluate the engineering properties of soils and rocks, and employ suitable ground management techniques to establish stable conditions for infrastructure and to mitigate natural hazards.
- Use numerical methods and computational tools to analyse, model, and design infrastructure.
- Identify, and predict the behaviour of building materials and utilise them appropriately and cost-effectively in construction.
- Plan construction projects, taking into account environmental impact, and availability of building materials, machinery, and labour.

Career Opportunities

Opportunities exist in the design, construction, maintenance and management of roads, railways, bridges, buildings, supply of water and electricity, dams and port facilities.

Study Options

The degree can be combined with Environmental or Mining Engineering in second year. Double degrees are also available.

Course Program

Subject		Session	Credit Points
Year 1			
CHEM103	Chemistry for Engineers	Autumn	6
ENGG101	Foundations of Engineering	Autumn	6
ENGG153	Engineering Materials	Autumn	6
MATH141	Foundations of Engineering Mathematics	Autumn	6
ENGG152	Engineering Mechanics	Spring	6
ENGG154	Engineering Design and Innovation	Spring	6
MATH142	Essentials of Engineering Mathematics	Spring	6
PHYS143	Physics for Engineers	Spring	6
Year 2			
CIVL296	Engineering Computing	Autumn	6
ENGG251	Mechanics of Solids	Autumn	6

ENGG252	Engineering Fluid Mechanics	Autumn	6
MATH283	Mathematics 2E for Engineers Part 1	Autumn	6
CIVL245	Construction Materials	Spring	6
CIVL272	Surveying	Spring	6
ECTE290	Fundamentals of Electrical Engineering	Spring	6
EESC252	Geology for Engineers 1	Spring	6
Year 3			
CIVL311	Structural Design 1	Autumn	6
CIVL322	Hydraulics and Hydrology	Autumn	6
CIVL352	Structures 1	Autumn	6
CIVL361	Geomechanics	Autumn	6
CIVL314	Structural Design 2	Spring	6
CIVL394	Construction	Spring	6
plus	Two elective as specified below	Spring	6
Year 4			
CIVL462	Principles of Foundation Engineering	Autumn	6
ENGG461	Managing Engineering Projects	Autumn	6
CIVL444	Civil Engineering Design	Spring	6
CIVL454	Structures 2	Spring	6
ENGG454	Professional Experience		0
ENGG456	Engineering Project A	Autumn/Spring	6
or			
ENGG452	Thesis A	Annual	12
or			
ENGG453	Thesis B **	Annual	18
plus	Electives as specified below	Autumn/Spring	
Electives listed below for Year 3 and 4*			
For students in ENGG456: Any 3 Electives from list A and 2 electives from List A or B			
For students in ENGG452: Any 2 Electives from list A and 2 electives from List A or B			
For students in ENGG453: Any 1 Electives from list A and 2 electives from List A or B			
List a General Electives			
CIVL392	Computational Methods in Engineering	Not offered 2013	6
CIVL415	Structural Design 3	Not offered 2013	6
CIVL426	Design of Masonry Structures	Autumn	6
CIVL457	Structures 3	Not offered 2013	6
CIVL463	Applied Geotechnical Engineering	Spring	6
CIVL489	Roads Engineering	Spring	6
CIVL491	Applied Finite Element Analysis for Civil Engineers	Autumn	6
ENGG439	Engineering Logistics and Operations	Spring	6
ENGG440	Strategic Management of Engineering	Autumn	6
ENVE410	Site Remediation Engineering	Spring	6
ENVE420	Water Resources Engineering	Not offered 2013	6
ENVE220	Water Quality and Ecological Engineering	Spring	6
ENVE311	Pollution Prevention and Waste Management	Autumn	6
ENVE320	Environmental Engineering Design for Sustainability	Spring	6
ENVE221	Air and Noise Pollution Control Engineering	Spring	6
ENVE377	Membrane Science and Technology	Autumn	6
MINE311	Surface Mining Methods	Autumn	6
ENGG477	Ocean Engineering	Not offered 2013	6
ENGG457	Engineering Project B***	Spring	6

or	other approved technical elective offered in the Faculty of Engineering		
List B General Electives			
ENGG447	Building Design for Energy Efficiency and Sustainability	Spring	6
ENGG448	Energy Efficiency in Manufacturing and Process Industries	Spring	6
ECON101	Macroeconomic Essentials for Business	Autumn/Spring	6
ECON111	Introductory Microeconomics	Autumn/Spring	6
ECON215	Microeconomic Theory and Policy	Autumn/Spring	6
EESC210	Social Spaces: Rural and Urban	Spring	6
EESC208	Environmental Impact of Societies	Spring	6
EESC305	Remote Sensing of the Environment	Autumn	8
	or other approved General Elective		

** All electives may not be available every year – check subject timetable.*

*** 18 credit point thesis is equivalent to the 12 credit point thesis and one 6 credit point elective.*

**** High achieving students in ENGG456 Project A may articulate to ENGG457 Project B in order to continue with the project started in ENGG456.*

Other Information

Further information is available at http://coursefinder.uow.edu.au/ or email: engineering@uow.edu.au

Bachelor of Engineering (Environmental Engineering)

UAC Code: 755612

Overview

- To solve engineering problems by applying the fundamentals of sciences and engineering sciences, including mathematics, statistics, physics, chemistry, computing, mechanics, materials and fluids.
- Work in a team in a modern, diverse, multi-disciplinary environment (workmates, managers, policy-makers and the wider community) using effective management techniques and communicating clearly to a variety of audiences both orally and in writing.
- Work with the highest acceptable engineering and environmental standards and professional ethics, adhere to occupational health and safety regulations while recognising the economic, environmental, global, social and legal contexts of their work.
- Utilise sophisticated engineering analysis, software and design tools to simulate the real world including computer aided design and modelling of engineering systems.
- Identify and assess global and national environmental problems and develop strategies to mitigate these problems in a sustainable manner within economic, social, environmental and ethical constraints.
- Use natural processes and design engineering systems with an appreciation of contemporary environmental issues.
- Design sustainable water systems in urban and rural communities taking into account water conservation, water resources, water quality, water management, and flood mitigation.
- Evaluate and improve waste management infrastructure and practices with a capacity to design for waste minimisation or zero waste, avoidance of hazardous waste using green chemistry concepts, material recycling and resource recovery, and life cycle analysis.
- Characterise contaminated sites and design sustainable remedial measures taking into account various geoenvironmental considerations.
- Design energy efficient and renewable energy technologies including hydro, biomass, solar, wind and wave power systems.
- Conduct environmental auditing and monitoring using environmental management systems and design environmental pollution control systems to minimise human impact on climate (or mitigate climate change).

Career Opportunities

Graduates of this course will be able to work for industry, government agencies and engineering consultancies. The range of work that will lead to Sustainable Development includes: integrated water cycle management; monitoring, analysis, modelling and design to control water, air, noise and soil pollution; recycling and re-use of water; renewable energy technologies, including solar, wind, wave and biomass; treatment and disposal of solid and hazardous waste; site remediation; onsite treatment systems; and cleaner production and industrial waste management.

Study Options

The degree can be combined with Civil or Mining Engineering in second year. Double degrees are also available.

Course Program

Subject		Session	Credit Points
Year 1			
CHEM103	Chemistry for Engineers	Autumn	6
ENGG101	Foundations of Engineering	Autumn	6
ENGG153	Engineering Materials	Autumn	6
MATH141	Foundations of Engineering Mathematics	Autumn	6
ENGG152	Engineering Mechanics	Spring	6
ENGG154	Engineering Design and Innovation	Spring	6
MATH142	Essentials of Engineering Mathematics	Spring	6
PHYS143	Physics for Engineers	Spring	6
Year 2			
CIVL296	Engineering Computing	Autumn	6
ENGG251	Mechanics of Solids	Autumn	6
ENGG252	Engineering Fluid Mechanics	Autumn	6
MATH283	Mathematics 2E for Engineers Part 1	Autumn	6
CHEM214	Analytical and Environmental Chemistry	Spring	6
CIVL272	Surveying	Spring	6
ENVE220	Water Quality and Ecological Engineering	Spring	6
ENVE221	Air and Noise Pollution Control Engineering	Spring	6
Year 3			
CIVL322	Hydraulics and Hydrology	Autumn	6
CIVL361	Geomechanics	Autumn	6
ENVE311	Pollution Control and Cleaner Production	Autumn	6
ENVE377	Membrane Science & Technology	Autumn	6
ECTE290	Fundamentals of Electrical Engineering	Spring	6
ENGG378	Sustainable Energy Technologies	Spring	6
ENVE320	Environmental Engineering Design for Sustainability	Spring	6
Plus	One elective from List A below	Spring	6
Year 4			
CIVL462	Principles of Foundation Engineering	Autumn	6
ENGG461	Managing Engineering Projects	Autumn	6
ENVE410	Site Remediation Engineering	Spring	6
ENVE421	Integrated Environmental Engineering Design	Spring	6
ENGG454	Professional Experience		0
ENGG456	Engineering Project A	Autumn/Spring	6
or			
ENGG452	Thesis A	Annual	12
Or			
ENG453	Thesis B**	Annual	18
plus	Electives as specified below	Autumn/Spring	12
Electives listed below *			
For students in ENGG456: Any 2 electives from List A and 2 electives from List A or B			
For students in ENGG452: Any 2 electives from List A and 1 elective from List A or B			
For Students in ENGG453: Any 1 elective from List A and 1 elective from List A or B			
List A			
ENGG439	Engineering Logistics and Operations Management	Spring	6
ENGG440	Strategic Management of Engineering	Autumn	6

ENGG446	Energy Efficiency and Energy Auditing in the Built Environment	Autumn	6
ENGG447	Building Design for Energy Efficiency and Sustainability	Spring	6
ENGG448	Energy Efficiency in Manufacturing and Process Industries	Spring	6
ENGG457	Engineering Project B***	Spring	6
ENVE420	Water Resources Engineering	Not offered 2013	6
CIVL311	Structural Design 1	Autumn	6
CIVL314	Structural Design 2	Spring	6
CIVL415	Structural Design 3	Not offered 2013	6
CIVL352	Structures 1	Autumn	6
CIVL392	Computational Methods in Engineering	Not offered 2013	6
CIVL394	Construction	Spring	6
CIVL463	Applied Geotechnical Engineering	Spring	6
MINE220	Underground Mining Methods	Spring	6
MINE313	Mine Power and Transport	Not offered 2013	6
MINE423	Applied Mining Geomechanics	Not offered 2013	6
MINE421	Minerals Beneficiation	Not offered 2013	6
MINE433	Mineral Resource Estimation	Not offered 2013	6
List B			
ECON101	Macroeconomic Essentials for Business	Aut or Spr	6
ECON111	Introductory Microeconomics	Aut or Spr	6
EESC204	Introductory Spatial Science	Aut or Spr	6
EESC208	Environmental Impact of Societies	Spring	6
EESC252	Geology for Engineers 1	Spring	6
EESC302	Coastal Environments: Process and Management	Spring	6
EESC303	Fluvial Geomorphology and Sedimentology	Autumn	6
ENGG477	Ocean Engineering	Spring	6
LAW 101	Law, Business and Society	Autumn	6
MECH341	Thermodynamics of Engineering Systems	Autumn	6
	or other approved General Elective		

** Electives may not be available every year – check subject timetable.*

*** 18 credit point thesis is equivalent to the 12 credit point thesis and one 6 credit point elective.*

**** High achieving students in ENGG456 Project A may articulate to ENGG457 Project B in order to continue with the project started in ENGG456.*

Other Information

Further information is available at http://coursefinder.uow.edu.au/ or email: engineering@uow.edu.au

Bachelor of Engineering (Materials Engineering)

UAC Code: 755613

Overview

- To solve engineering problems by applying the fundamentals of sciences and engineering sciences, including mathematics, statistics, physics, chemistry, computing, mechanics, materials and fluids.
- Work in a team in a modern, diverse, multi-disciplinary environment (workmates, managers, policy-makers and the wider community) using effective management techniques and communicating clearly to a variety of audiences both orally and in writing.
- Work with the highest acceptable engineering and environmental standards and professional ethics, adhere to occupational health and safety regulations while recognising the economic, environmental, global, social and legal contexts of their work.
- Utilise sophisticated engineering analysis, software and design tools to simulate the real world including computer aided design and modelling of engineering systems.
- Determine the structure and properties of materials through application of a range of characterisation and testing procedures.
- Assist in the design, operation and improvement of materials processing equipment to ensure products of desirable properties are consistently produced.
- Participate in the design and manufacture of products and devices particularly in respect to the optimal selection of materials and appropriate manufacturing procedures.
- To carry out innovative, conceptual and detailed design of systems and components by establishing key aspects of the problem, researching current knowledge, problem solving, generating options and identifying feasible/optimal solutions.
- Contribute to the vast global R&D effort in materials science by applying specialist knowledge of structure-property-processing relationships and leading to both incremental improvements in materials property/processes and to the discovery and development of entirely new materials.

Career Opportunities

Opportunities exist in a wide range of industries from materials processing industries (steel, copper, aluminium, plastics, ceramics and composites) through to manufacturing and product design. Many graduates work in engineering consultancy companies dealing with failure analysis, corrosion, life-time assessment, and materials testing. Other graduates pursue a research career, as materials technology (and similar areas such as nanotechnology) is recognised worldwide as a key research strength and driver of economic prosperity. Many research opportunities exist in universities and government (eg. CSIRO) and private sector laboratories both in Australia and overseas.

Study Options

Students can select electives from a number of specialist areas. The subjects are grouped into streams to guide students on possible combinations within an area of interest. To offer the most up-to-date knowledge and practical skills in Materials industries and researches, the streams are closely linked to corresponding research strengths within or associated with Materials Engineering Discipline. The associated strengths include: Engineering Materials Institute, BlueScope Steel Metallurgy Centre, Engineering Manufacturing, Defense Material Technology Centre, Institute for Superconducting & Electronic Materials, Intelligent Polymer Research Institute and the ARC centre of Excellence for Electromaterials Science. Students are NOT required to select electives from a single stream.

Course Program

Subject		Session	Credit Points
Year 1			
CHEM103	Chemistry for Engineers	Autumn	6
ENGG101	Foundations of Engineering	Autumn	6
ENGG153	Engineering Materials	Autumn	6
MATH141	Foundations of Engineering Mathematics	Autumn	6
ENGG152	Engineering Mechanics	Spring	6
ENGG154	Engineering Design and Innovation	Spring	6
MATH142	Essentials of Engineering Mathematics	Spring	6
PHYS143	Physics for Engineers	Spring	6
Year 2			
MATE201	Structure of Materials	Autumn	6
MATE202	Thermodynamics and Phase Equilibria	Autumn	6
ENGG252	Engineering Fluid Mechanics	Autumn	6

MATH283	Mathematics 2E for Engineers Part 1	Autumn	6
ECTE290	Fundamentals of Electrical Engineering	Spring	6
MATE203	Phase Transformations	Spring	6
MATE204	Mechanical Behaviour of Materials	Spring	6
MATE304	Transport Phenomena in Materials Processing	Spring	6
Year 3			
ENGG251	Mechanics of Solids	Autumn	6
MATE301	Engineering Alloys	Autumn	6
MATE306	Fracture, Failure and Degradation	Autumn	6
MATE381	Experimental Methods and Computing	Autumn	6
MATE302	Polymeric Materials	Spring	6
MATE303	Ceramics, Glass and Refractories	Spring	6
MATE305	Primary Materials Processing	Spring	6
Plus	One elective as specified in list below	Spring	6
Year 4			
ENGG461	Managing Engineering Projects	Autumn	6
MATE402	Secondary Materials Processing	Autumn	6
MATE401	Selection of Materials in Engineering Design	Spring	6
ENGG456	Engineering Project A	Autumn/Spring	6
or			
ENGG452	Thesis A	Annual	12
or			
ENGG453	Thesis B*	Annual	18
ENGG454	Professional Experience		0
plus	Electives as specified below	Autumn/Spring	
Electives listed below*			
For students in ENGG456: Any 5 electives			
For students in ENGG452: Any 4 electives			
For students in ENGG453: Any 3 electives			
Materials Science and Technology			
ENGG457	Engineering Project B***	Spring	6
MATE413	Structural Characterisation Techniques	Spring	6
MATE433	Surface Engineering	Not offered 2013	6
Metallurgical Processing			
ENGG457	Engineering Project B***	Spring	6
MINE421	Minerals Beneficiation	Not offered 2013	6
MATE422	Iron and Steel making	Autumn	6
Materials Forming and Manufacturing			
ENGG457	Engineering Project B***	Spring	6
ENGG434	Introduction to Materials Welding and Joining	Spring	6
MECH421	Manufacturing Process Analysis	Autumn	6
Advanced Functional Materials			
ENGG457	Engineering Project B***	Spring	6
MATE411	Advanced Materials and Processing	Autumn	6
MATE412	Electronic Materials	Spring	6
MATE433	Surface Engineering	Not offered 2013	6
Sustainability in Materials Engineering			
ENGG457	Engineering Project B***	Spring	6
ENGG378	Sustainable Energy Technologies	Spring	6
ENGG446	Energy Efficiency and Energy Auditing in the Built Environment	Autumn	6

ENGG447	Advanced Building Design for Energy Efficiency and Sustainability	Spring	6
ENGG448	Energy Efficiency in Manufacturing and Process Industries	Spring	6
Additional Material Electives			
ENGG439	Engineering Logistics and Operations Management	Spring	6
ENGG440	Strategic Management of Engineering	Autumn	6

** Electives may not be available every year – check subject timetable.*

**** High achieving students in ENGG456 Project A may articulate to ENGG457 Project B in order to continue with the project started in ENGG456.*

Other Information

Further information is available at http://coursefinder.uow.edu.au/ or email: engineering@uow.edu.au

Bachelor of Engineering (Mechanical Engineering)

UAC Code: 755614

Overview

- To solve engineering problems by applying the fundamentals of sciences and engineering sciences, including mathematics, statistics, physics, chemistry, computing, mechanics, materials and fluids.
- Work in a team in a modern, diverse, multi-disciplinary environment (workmates, managers, policy-makers and the wider community) using effective management techniques and communicating clearly to a variety of audiences both orally and in writing.
- Work with the highest acceptable engineering and environmental standards and professional ethics, adhere to occupational health and safety regulations while recognising the economic, environmental, global, social and legal contexts of their work.
- Utilise sophisticated engineering analysis, software and design tools to simulate the real world including computer aided design and modelling of engineering systems.
- Solve problems creatively by designing and managing the production of new and improved machines, systems and processes.
- To carry out innovative, conceptual and detailed design of systems and components by establishing key aspects of the problem, researching current knowledge, problem solving, generating options and identifying feasible/optimal solutions.
- Design, optimise and maintain machines, systems and processes, including examples such as: vehicles and engines; conventional and renewable energy production systems; manufacturing plant and machinery; bulk materials handling systems; building services, refrigeration and air conditioning systems; rail, road and aerospace systems.
- Measure and control the performance of machines and systems in the real world using sensors and transducers, data acquisition systems, test facilities, lab experimentation, etc.

Entry Requirements / Assumed Knowledge

Any two units of English plus Mathematics. Recommended studies: HSC Mathematics Ext. 1 plus Chemistry or Physics. Entry is open to students who have gained an Australian Tertiary Admission Rank (ATAR) or equivalent at a level determined by UOW for this calendar year.

Career Opportunities

Mechanical Engineering has the broadest scope of all the branches of engineering, and graduates in this field have the core skills to adapt to other fields of engineering. It includes many exciting fields such as advanced manufacturing, metal forming technology, robotics, control of systems, computer aided design and manufacturing, air conditioning, bio-mechanics, powder technology and bearing dynamics. The degree covers a wide range of technical subjects including engineering computing and instrumentation, workshop practice, mechanical engineering design, control of machines and processes, process design and analysis, manufacturing process analysis, manufacturing systems, sustainable energy, transport and engine technologies, dynamics of engineering systems, bulk solids handling technology, fluid power, heat transfer and aerodynamics. Design innovation and project management are important aspects of mechanical engineering. The highlight of the course is the final year thesis, which requires each student to complete a major engineering project in a field of their choice or in research projects funded by government and/or industry.

Study Options

Students can select electives from a number of specialist areas in their final year including: Sustainable Energy and Engineering Systems, Manufacturing Engineering, Applied Mechanics, and Bulk Materials Handling. The list of electives on offer in any one year varies somewhat, depending on staff availability and other factors. Double degrees are also available.

Course Program

Subject		Session	Credit Points
Year 1			
CHEM103	Chemistry for Engineers	Autumn	6
ENGG101	Foundations of Engineering	Autumn	6
ENGG153	Engineering Materials	Autumn	6
MATH141	Foundations of Engineering Mathematics	Autumn	6
ENGG152	Engineering Mechanics	Spring	6
ENGG154	Engineering Design and Innovation	Spring	6
MATH142	Essentials of Engineering Mathematics	Spring	6
PHYS143	Physics for Engineers	Spring	6
Year 2			
MECH203	Mechanical workshop Practice	Autumn/Spring	0
MECH252	Thermodynamics, Experimental Methods and Analysis	Autumn	6
ENGG251	Mechanics of Solids	Autumn	6
ENGG252	Engineering Fluid Mechanics	Autumn	6
MATH283	Mathematics 2E for Engineers Part 1	Autumn	6
ECTE290	Fundamentals of Electrical Engineering	Spring	6
MECH201	Engineering Analysis	Spring	6
MECH215	Fundamentals of Machine Component Design	Spring	6
MECH226	Machine Dynamics	Spring	6
Year 3			
MECH321	Dynamics of Engineering Systems	Autumn	6
MECH341	Thermodynamics of Engineering Systems	Autumn	6
MECH372	Solids Handling and Process Engineering	Autumn	6
MECH382	Manufacturing Engineering Principles	Autumn	6
MECH311	Mechanical Engineering Design	Spring	6
MECH343	Heat Transfer and Aerodynamics	Spring	6
MECH365	Control of Machines and Processes	Spring	6
Plus	One elective from the List A	Spring	6
Year 4			
MECH419	Finite Element Methods	Autumn	6
ENGG461	Managing Engineering Projects	Autumn	6
ENGG456	Engineering Project A	Autumn/Spring	6
or			
ENGG452	Thesis A	Annual	12
or			
ENGG453	Thesis B**	Annual	18
ENGG454	Professional Experience		0
plus	electives as specified below	Autumn/Spring	
Electives listed below*			
For students in ENGG456: Any 4 electives from List A and 2 electives from List A or B			
For students in ENGG452: Any 3 electives from List A and 2 electives from List A or B			
For students in ENGG453: Any 3 electives from List A and 1 elective from List A or B			
List A			

CIVL311	Structural Design 1	Autumn	6
CIVL314	Structural Design 2	Spring	6
CIVL322	Hydraulics and Hydrology	Autumn	6
CIVL463	Applied Geotechnical Engineering	Spring	6
ECTE471	Robotics and Flexible Automation		6
ENGG202	Introduction to the F SAE Project	Annual	6
ENGG378	Sustainable Energy Technologies	Spring	6
ENGG433	Financial management for Engineers	Spring	6
ENGG439	Engineering Logistics and Operations Management	Spring	6
ENGG440	Strategic Management of Engineering	Autumn	6
ENGG446	Energy Efficiency and Energy Auditing in the Built Environment	Autumn	6
ENGG447	Building Design for Energy Efficiency and Sustainability	Spring	6
ENGG448	Energy Efficiency in Manufacturing and Process Industries	Spring	6
ENGG477	Ocean Engineering	Not offered 2013	6
ENVE221	Air and Noise Pollution Control Engineering	Spring	6
MATE302	Polymeric Materials	Spring	6
MATE401	Selection of Materials in Engineering Design	Spring	6
MECH409	Micro/Nano Robotic Systems	Not offered 2013	6
MECH421	Manufacturing Process Analysis	Autumn	6
MECH422	Design and Analysis of Manufacturing Systems	Not offered 2013	6
MECH423	Design for Manufacturing	Spring	6
MECH426	Storage and Flow of Bulk Solids	Not offered 2013	6
MECH428	Pneumatic Conveying and Dust Control	Autumn	6
MECH430	Automotive Dynamics	Spring	6
MECH431	Computational Fluid Dynamics	Not offered 2013	6
MECH438	Fluid Power	Not offered 2013	6
MECH442	Sustainable Energy in Buildings	Not offered 2013	6
MECH468	Computer Control of Machines and Processes	Autumn	6
MECH470	Applied Topics in Mechatronics	Not offered 2013	6
MECH474	Reliability Engineering	Autumn	6
MECH479	Sustainable Transport & Engine Technologies	Not offered 2013	6
MECH487	Systems Analysis for Maintenance Management	Spring	6
MECH489	Engineering Asset Management	Autumn	6
List B			
ECON101	Macroeconomic Essentials for Business		6
ECON111	Introductory Microeconomics		6
ECTE233	Digital Hardware 1		6
ERLS100	Intro. To Employment Relations and Labour Studies		6
FREN151	French 1A Language		6
INDO151	Introductory Indonesian 1A		6
INTS375	Global Labour Studies		8
ITAL151	Italian 1A Language		6
JAPA141	Beginner's Japanese 1		6
LAW101	law, Business and Society		6
MAND151	Chinese (Mandarin) for Beginners 1A		6
PHIL206	Practical Ethics		8
PHIL256	Ethics and the Environment		8
Or			
PHIL258	Ethics and the Environment		8

SPAN151	Spanish for Beginners 1		6
STS218	Environment in Crisis		8
STS300	The Environmental Context		8

** Electives may not be available each year – check subject timetable.*

*** 18 credit point thesis is equivalent to the 12 credit point thesis and one 6 credit point elective.*

**** High achieving students in ENGG456 Project A may articulate to ENGG457 Project B in order to continue with the project started in ENGG456.*

Other Information

Further information is available at http://coursefinder.uow.edu.au/ or email: engineering@uow.edu.au

Bachelor of Engineering (Mechatronic Engineering)

UAC Code: 755616

Overview

Mechatronics is the combination of Mechanical, Electrical and Computer technologies. As an engineering field, it finds its roots in mechanical engineering, electrical/electronics engineering and software engineering. These engineering fields complement each other to design and realise products, systems and processes which are more efficient, intelligent, and cost effective than their predecessors. The examples of mechatronic systems include autonomous robots, internet controlled machines and processes, engine management systems, ATM machines, remotely controlled ore-diggers, photocopiers, CD/DVD burners, cameras, washing machines, unmanned air vehicles, micro air vehicles, Micro- and Nano- Electromechanical Systems (MEMS and NEMS) and so on.

The aim of the Mechatronics program is to produce graduates with the core skills, knowledge and attributes that will help them excel as professional engineers. These skills and attributes include: the ability to formulate and solve problems; a creative approach to design and synthesis; excellent oral and written communication skills; ability to work effectively in teams; appreciation of the environmental, social and business contexts of Engineering; independent and self-motivated approach; understanding and commitment to lifelong learning; and in-depth technical competence in the field of Mechatronic Engineering.

Career Opportunities

Opportunities exist in the rapidly developing fields of micro/nano electromechanical systems, digital electronics, information technology, robotic systems, manufacturing industry, aerospace industry, mining industry, health industry, asset and maintenance management etc. where mechanical and electrical engineers are traditionally employed. Whenever there is a need to develop and use engineering systems/products/processes based on integrating mechanical components with electrical and electronic components, through software and hardware, there will be career opportunities for mechatronic engineers.

Study Options

Double degrees are also available.

Course Program

Subject		Session	Credit Points
Year 1			
CSCI191	Programming for Engineers	Autumn	6
ENGG101	Foundations of Engineering	Autumn	6
ENGG153	Engineering Materials	Autumn	6
MATH141	Foundations of Engineering Mathematics	Autumn	6
ECTE172	Introduction to Circuits and Devices	Spring	6
ENGG152	Engineering Mechanics	Spring	6
ENGG154	Engineering Design and Innovation	Spring	6
MATH142	Essentials of Engineering Mathematics	Spring	6
Year 2			
MECH203	Mechanical Workshop Practice	Autumn/Spring	0
ECTE202	Circuits and Systems	Annual	6
ECTE233	Digital Hardware	Autumn	6
ENGG251	Mechanics of Solids	Autumn	6
MATH283	Mathematics 2E for Engineers Part 1	Autumn	6

ECTE203	Signals and Systems	Spring	6
MECH215	Fundamentals of Machine Component Design	Spring	6
MECH226	Machine Dynamics	Spring	6
PHYS143	Physics for Engineers	Spring	6
Year 3			
ECTE344	Control Theory	Autumn	6
ENGG252	Engineering Fluid Mechanics	Autumn	6
MECH252	Thermodynamics, Experimental Methods and Analysis	Autumn	6
ECTE212	Electronics**	Spring	6
ECTE324	Foundations in Electrical Energy Utilisation	Spring	6
ECTE333	Microcontroller Architecture and Applications	Annual	6
ECTE350	Engineering Design and Management	Annual	6
MECH311	Mechanical Engineering Design	Spring	6
Year 4			
ECTE301	Digital Signal Processing	Autumn	6
ENGG461	Managing Engineering Projects	Autumn	6
ECTE471	Robotics and Flexible Automation	Spring	6
MECH382	Manufacturing Engineering Principles	Autumn	6
ENGG456	Engineering Project A#	Autumn/Spring	6
or			
ECTE451	Engineering Project 1	Autumn/Spring	6
or			
ENGG452	Thesis A	Annual	12
or			
ENGG453	Thesis B****	Annual	18
or			
ECTE458	Thesis	Annual	12
ENGG454	Professional Experience		0
Plus	For students in ENGG456: 3 electives For students in ENGG452: 2 electives For students in ENGG453: 1 elective		
Refer to Discipline Adviser for a list of electives			

*** Not for students who completed ECTE313 prior to 2006.*

**** Electives are chosen from the list of electives on offer in the Faculty and School of Electircal, Computer and Telecommunications Engineering.*

The final year study program is to be determined in consultation with the Discipline Advisor.

***** The 18 credit point thesis is equivalent to the 12 credit point thesis and one 6 credit point elective.*

 # High achieving students in ENGG456 Project A may articulate to ENGG457 Project B in order to continue with the project started in ENGG456.

Other Information

Further information is available at http://coursefinder.uow.edu.au/ or email: engineering@uow.edu.au

Bachelor of Engineering (Mining Engineering)

UAC Code: 755615

Overview

- Solve engineering problems by applying the fundamentals of sciences and engineering sciences, including mathematics, statistics, physics, chemistry, computing, mechanics, materials and fluids.
- Work in a team in a modern, diverse, multi-disciplinary environment (workmates, managers, policy-makers and the wider community) using effective management techniques and communicating clearly to a variety of audiences both orally and in writing.
- Work with the highest acceptable engineering and environmental standards and professional ethics, adhere to occupational health and safety regulations while recognising the economic, environmental, global, social and legal contexts of their work.
- Utilise sophisticated engineering analysis, software and design tools to simulate the real world including computer aided design and modelling of engineering systems.
- Plan and design a mine and integrate environmental factors with all phases of mining, from exploration through to final rehabilitation of the land.
- Categorise different mining methods and systems and apply them to a range of ore deposits.
- Utilise knowledge of mineralogy and mineral processing in ore beneficiation.
- Employ the principles of fluid mechanics, thermodynamics and hydrology to design mine ventilation systems and solve drainage problems.
- Apply geomechanics principles in designing and operating surface and underground excavations in a variety of ground conditions.
- Demonstrate knowledge of mineral sampling processes and understand estimation techniques used in resources and reserves definition.
- Use accounting principles, financial analysis, mineral economics and other factors in designing and conducting feasibility studies and undertaking project evaluation.

Career Opportunities

Graduates of this course will be able to work for mines, government agencies and engineering consultancies. Opportunities exist in the design and management of mines as well as mineral production.

Study Options

The degree can be combined with Environmental or Civil Engineering in second year. Double degrees are also available.

Course Program

Subject		Session	Credit Points
Year 1			
CHEM103	Chemistry for Engineers	Autumn	6
ENGG101	Foundations of Engineering	Autumn	6
ENGG153	Engineering Materials	Autumn	6
MATH141	Foundations of Engineering Mathematics	Autumn	6
ENGG152	Engineering Mechanics	Spring	6
ENGG154	Engineering Design and Innovation	Spring	6
MATH142	Essentials of Engineering Mathematics	Spring	6
PHYS143	Physics for Engineers	Spring	6
Year 2			
CIVL296	Engineering Computing	Autumn	6
ENGG251	Mechanics of Solids	Autumn	6
ENGG252	Engineering Fluid Mechanics	Autumn	6
MATH283	Mathematics 2E for Engineers Part 1	Autumn	6
MINE220	Underground Mining Methods	Spring	6
CIVL272	Surveying	Spring	6
ECTE290	Fundamentals of Electrical Engineering	Spring	6
EESC252	Geology for Engineers	Spring	6
Year 3			
CIVL361	Geomechanics	Autumn	6
MINE311	Surface Mining Methods	Autumn	6
MINE312	Mine Ventilation	Autumn	6
MINE323	Mining Geomechanics	Spring	6
plus	four electives as specified below	Autumn/Spring	24
Year 4			
ENGG461	Managing Engineering Projects	Autumn	6
MINE411	Health and Safety	Autumn	6
MINE416	Mining Economics	Spring	6
MINE422	Mine Planning and Development	Spring	6
ENGG456	Engineering Project A	Autumn/Spring	6
or			
ENGG452	Thesis A	Annual	12
or			
ENGG453	Thesis B**	Annual	18
ENGG454	Professional Experience		0
plus	electives as specified below		
Electives listed below*			
For students in ENGG456: Any 3 electives from List A and 2 elective from List A or B			
For students in ENGG452: Any 4 electives from List A and 2 elective from List A or B			
For students in ENGG453: 3 electives from List A or B			
List A			
MINE313	Mine Power and Transport	Not offered 2013	6
MINE421	Mine Beneficiation	Spring	6
MINE423	Applied Mining Geomechanics	Not offered 2013	6
MINE433	Mineral Resource Estimation	Not offered 2013	6
MINE434	Computer Applications in Mining Engineering	Autumn	6
CIVL392	Computational Methods in Engineering	Not offered 2013	6
CIVL462	Principles of Foundation Engineering	Autumn	6
ENVE410	Site Remediation Engineering	Spring	6
ENVE220	Water Quality and Ecological Engineering	Spring	6
ENVE221	Air and Noise Pollution Control Engineering	Spring	6
ENGG439	Engineering Logistics and Operations Management	Spring	6
ENGG440	Strategic Management of Engineering	Autumn	6
ENGG457	Engineering Project B***	Spring	6
List B			
ENGG446	Energy Efficiency and Energy Auditing in the Built Environment	Autumn	6
ENGG447	Advanced Building Design for Energy Efficiency and Sustainability	Spring	6
ENGG448	Energy Efficiency in Manufacturing and Process Industries	Spring	6
ENGG477	Ocean Engineering	Autumn	6
ECON101	Macroeconomic Essentials for Business	Autumn/Spring	6
ECON111	Introductory Microeconomics	Autumn/Spring	6
EESC204	Introduction to Spatial Science	Autumn/Spring	6
EESC306	Resources and Environments	Spring	8
SPAN151	Spanish for Beginners 1	Autumn	6
	or other approved General Elective		

** Electives may not be available every year – check subject timetable.*

*** 18 credit point thesis is equivalent to the 12 credit point thesis and one 6 credit point elective.*

**** High achieving students in ENGG456 Project A may articulate to ENGG457 Project B in order to continue with the project started in ENGG456.*

Other Information

Further information is available at http://coursefinder.uow.edu.au/ or email: engineering@uow.edu.au

Civil/Mining

Civil/Environmental

Mining/Environmental

Mechanical/Materials

Mechanical/Mining

Mining/Materials

Bachelor of Engineering (Civil and Environmental Engineering)

Course Program

Subject		Session	Credit Points
Year 1			
CHEM103	Chemistry for Engineers	Autumn	6
ENGG101	Foundations of Engineering	Autumn	6
ENGG153	Engineering Materials	Autumn	6
MATH141	Foundations of Engineering Mathematics	Autumn	6
ENGG152	Engineering Mechanics	Spring	6
ENGG154	Engineering Design and Innovation	Spring	6
MATH142	Essentials of Engineering Mathematics	Spring	6
PHYS143	Physics for Engineers	Spring	6
Year 2			
CIVL296	Engineering Computing	Autumn	6
ENGG251	Mechanics of Solids	Autumn	6
ENGG252	Engineering Fluid Mechanics	Autumn	6
MATH283	Mathematics 2E for Engineers Part 1	Autumn	6
CIVL245	Construction Materials	Spring	6
CIVL272	Surveying	Spring	6
EESC252	Geology for Engineers 1	Spring	6
ENVE220	Water Quality and Ecological Engineering	Spring	6
Year 3			
CIVL322	Hydraulics and Hydrology	Autumn	6
CIVL361	Geomechanics	Autumn	6
ENVE311	Pollution Control and Cleaner Production	Autumn	6
ENVE377	Membrane Science and Technology	Autumn	6
ENVE320	Environmental Engineering Design for Sustainability	Spring	6
CHEM214	Analytical and Environmental Chemistry	Spring	6
ECTE290	Fundamentals of Electrical Engineering	Spring	6
ENVE221	Air and Noise Pollution Control Engineering	Spring	6
Year 4			
CIVL311	Structural Design 1	Autumn	6
CIVL352	Structures 1	Autumn	6
ENGG461	Managing Engineering Projects	Autumn	6
ENVE421	Integrated Environmental Engineering Design	Spring	6
CIVL314	Structural Design 2	Spring	6
CIVL394	Construction	Spring	6
ENGG378	Sustainable Energy Technologies	Spring	6
Year 5			
CIVL462	Principles of Foundation Engineering	Autumn	6
ENGG461	Managing Engineering Projects	Autumn	6

CIVL454	Structures 2	Spring	6
CIVL444	Civil Engineering Design	Spring	6
CIVL489	Roads Engineering	Not offered 2013	6
ENVE410	Site Remediation Engineering	Spring	6
ENGG454	Professional Experience		0
ENGG456	Engineering Project A**	Autumn/Spring	6
or			
ENGG452	Thesis A	Annual	12
or			
ENGG453	Thesis B *	Annual	18
plus	For students in ENGG456: Any 3 electives from List A For students in ENGG452: Any 2 elective from List A For students in ENGG453: 1 elective from List A		

** 18 credit point thesis is equivalent to the 12 credit point thesis and one 6 credit point elective.*

Other Information

Further information is available at http://coursefinder.uow.edu.au/ or email: engineering@uow.edu.au

Bachelor of Engineering (Civil and Mining Engineering)

Course Program

Subject		Session	Credit Points
Year 1			
CHEM103	Chemistry for Engineers	Autumn	6
ENGG101	Foundations of Engineering	Autumn	6
ENGG153	Engineering Materials	Autumn	6
MATH141	Foundations of Engineering Mathematics	Autumn	6
ENGG152	Engineering Mechanics	Spring	6
ENGG154	Engineering Design and Innovation	Spring	6
MATH142	Essentials of Engineering Mathematics	Spring	6
PHYS143	Physics for Engineers	Spring	6
Year 2			
CIVL296	Engineering Computing	Autumn	6
ENGG251	Mechanics of Solids	Autumn	6
ENGG252	Engineering Fluid Mechanics	Autumn	6
MATH283	Mathematics 2E for Engineers Part 1	Autumn	6
MINE220	Underground Mining Methods	Spring	6
CIVL245	Construction Materials	Spring	6
CIVL272	Surveying	Spring	6
EESC252	Geology for Engineers 1	Spring	6
Year 3			
CIVL311	Structural Design 1	Autumn	6
CIVL361	Geomechanics	Autumn	6
MINE311	Surface Mining Methods	Autumn	6
MINE312	Mine Ventilation	Autumn	6
CIVL314	Structural Design 2	Spring	6
CIVL394	Construction	Spring	6
ECTE290	Fundamentals of Electrical Engineering	Spring	6
Plus	One elective from List A of the Civil or Mining elective subjects	Spring	6
Year 4			

CIVL322	Hydraulics and Hydrology	Autumn	6
CIVL352	Structures 1	Autumn	6
ENGG461	Managing Engineering Projects	Autumn	6
MINE416	Mining Economics	Autumn	6
MINE411	Health and Safety	Spring	6
MINE323	Mining Geomechanics	Spring	6
Plus	Two electives from list A of the Civil or Mining elective subjects		
Year 5			
CIVL462	Principles of Foundation Engineering	Autumn	6
MINE422	Mine Planning and Development	Autumn	6
CIVL444	Civil Engineering Design	Spring	6
CIVL454	Structures 2	Spring	6
ENGG454	Professional Experience		0
ENGG456	Engineering Project A	Autumn/Spring	6
or			
ENGG452	Thesis A	Annual	12
or			
ENGG453	Thesis B *	Annual	18
Electives listed below for Year 3 and Year 4			
	For students in ENGG456: Any 6 electives from List A For students in ENGG452: Any 5 electives from List A For students in ENGG453: Any 4 electives from List A		

** The 18 credit point thesis is equivalent to the 12 credit point thesis and one 6 credit point elective.*

Other Information

Further information is available at http://coursefinder.uow.edu.au/ or email: engineering@uow.edu.au

Bachelor of Engineering (Mechanical and Materials Engineering)

Course Program

Subject		Session	Credit Points
Year 1			
CHEM103	Chemistry for Engineers	Autumn	6
ENGG101	Foundations of Engineering	Autumn	6
ENGG153	Engineering Materials	Autumn	6
MATH141	Foundations of Engineering Mathematics	Autumn	6
ENGG152	Engineering Mechanics	Spring	6
ENGG154	Engineering Design and Innovation	Spring	6
MATH142	Essentials of Engineering Mathematics	Spring	6
PHYS143	Physics for Engineers	Spring	6
Year 2			
ENGG251	Mechanics of Solids	Autumn	6
ENGG252	Engineering Fluid Mechanics	Autumn	6
MATH283	Mathematics 2E for Engineers Part 1	Autumn	6
MATE202	Thermodynamics and Phase Equilibria	Autumn	6
MECH226	Machine Dynamics	Spring	6
MECH201	Engineering Analysis	Spring	6
ECTE290	Fundamentals of Electrical Engineering	Spring	6
MECH215	Fundamentals of Machine Component Design	Spring	6
Year 3			

MECH321	Dynamics of Engineering Systems	Autumn	6
MATE201	Structure of Materials	Autumn	6
MATE306	Fracture, Failure and Degradation	Autumn	6
MECH252	Thermodynamics, Experimental Methods and Analysis	Autumn	6
MATE203	Phase Transformations	Spring	6
MATE204	Mechanical Behaviour of Materials	Spring	6
MATE302	Polymeric Materials	Spring	6
MECH365	Control of Machines and Processes	Spring	6
Year 4			
MECH341	Thermodynamics of Engineering Systems	Autumn	6
MECH372	Solids Handling and Process Engineering	Autumn	6
MECH382	Manufacturing Engineering Principles	Autumn	6
MATE301	Engineering Alloys	Autumn	6
MECH343	Heat Transfer and Aerodynamics	Spring	6
MECH311	Mechanical Engineering Design	Spring	6
MATE401	Selection of Materials in Engineering Design	Spring	6
Plus	1 elective as specified below	Spring	6
Year 5			
ENGG461	Managing Engineering Projects	Autumn	6
MECH419	Finite Element Methods	Autumn	6
MATE402	Secondary Materials Processing	Autumn	6
MATE303	Ceramics, Glass and Refractories	Spring	6
MATE304	Transport Phenomena in Materials Processing	Spring	6
MATE305	Primary Materials Processing	Spring	6
ENGG454	Professional Experience		0
ENGG456	Engineering Project A	Autumn/Spring	6
or			
ENGG452	Thesis A	Annual	12
plus	electives as specified below		
For students in ENGG456: Any 2 electives from List A of the Mechanical Schedule For students in ENGG452: 1 elective from List A of the Mechanical Schedule			

** Electives may not be available every year – check subject timetable.*

*** 18 credit point thesis is equivalent to the 12 credit point thesis and one 6 credit point elective.*

**** High achieving students in ENGG456 Project A may articulate to ENGG457 Project B in order to continue with the project started in ENGG456.*

Other Information

Further information is available at http://coursefinder.uow.edu.au/ or email: engineering@uow.edu.au

Bachelor of Engineering (Mechanical and Mining Engineering)

Course Program

Subject		Session	Credit Points
Year 1			
CHEM103	Chemistry for Engineers	Autumn	6
ENGG101	Foundations of Engineering	Autumn	6
ENGG153	Engineering Materials	Autumn	6
MATH141	Foundations of Engineering Mathematics	Autumn	6
ENGG152	Engineering Mechanics	Spring	6
ENGG154	Engineering Design and Innovation	Spring	6
MATH142	Essentials of Engineering Mathematics	Spring	6
PHYS143	Physics for Engineers	Spring	6

Year 2			
ENGG251	Mechanics of Solids	Autumn	6
ENGG252	Engineering Fluid Mechanics	Autumn	6
MATH283	Mathematics 2E for Engineers Part 1	Autumn	6
MECH252	Thermodynamics, Experimental Methods and Analysis	Autumn	6
CIVL272	Surveying	Spring	6
EESC252	Geology for Engineers 1	Spring	6
MECH201	Engineering Analysis	Spring	6
MINE220	Underground Mining Methods	Spring	6
Year 3			
MECH321	Dynamics of Engineering Systems	Autumn	6
CIVL361	Geomechanics	Autumn	6
MINE311	Surface Mining Methods	Autumn	6
MINE312	Mine Ventilation	Autumn	6
MECH226	Machine Dynamics	Spring	6
MECH215	Fundamentals of Machine Component Design	Spring	6
ECTE290	Fundamentals of Electrical Engineering	Spring	6
MECH365	Control of Machines and Processes	Spring	6
Year 4			
MECH419	Finite Elements Methods	Autumn	6
MECH341	Thermodynamics of Engineering Systems	Autumn	6
MECH372	Solids Handling and Process Engineering	Autumn	6
MECH382	Manufacturing Engineering Principles	Autumn	6
MINE323	Mining Geomechanics	Spring	6
MECH343	Heat Transfer and Aerodynamics	Spring	6
MECH311	Mechanical Engineering Design	Spring	6
Plus	1 electives specified below	Spring	6
Year 5			
ENGG461	Managing Engineering Projects	Autumn	6
MINE411	Health and Safety	Autumn	6
MINE422	Mine Planning and Development	Spring	6
MINE416	Mining Economics	Spring	6
ENGG456	Engineering Project A	Autumn/Spring	6
or			
ENGG452	Thesis A	Annual	12
or			
ENGG453	Thesis B**	Annual	18
ENGG454	Professional Experience		0
plus	electives as specified below		
For students in ENGG456: Any 3 electives from List A of the Mechanical Schedule and 1 elective from List A of either the Mechanical or Mining Schedules			
For students in ENGG452: Any 3 electives from List A of the Mechanical Schedule			
For students in ENGG453: Any 2 electives from List A of the Mechanical Schedule			

** Electives may not be available every year – check subject timetable.*

*** 18 credit point thesis is equivalent to the 12 credit point thesis and one 6 credit point elective.*

**** High achieving students in ENGG456 Project A may articulate to ENGG457 Project B in order to continue with the project started in ENGG456.*

Other Information

Further information is available at http://coursefinder.uow.edu.au/ or email: engineering@uow.edu.au

Bachelor of Engineering (Mining and Environmental Engineering)

Course Program

Subject		Session	Credit Points
Year 1			
CHEM103	Chemistry for Engineers	Autumn	6
ENGG101	Foundations of Engineering	Autumn	6
ENGG153	Engineering Materials	Autumn	6
MATH141	Foundations of Engineering Mathematics	Autumn	6
ENGG152	Engineering Mechanics	Spring	6
ENGG154	Engineering Design and Innovation	Spring	6
MATH142	Essentials of Engineering Mathematics	Spring	6
PHYS143	Physics for Engineers	Spring	6
Year 2			
CIVL296	Engineering Computing	Autumn	6
ENGG251	Mechanics of Solids	Autumn	6
ENGG252	Engineering Fluid Mechanics	Autumn	6
MATH283	Mathematics 2E for Engineers Part 1	Autumn	6
ECTE290	Fundamentals of Electrical Engineering	Spring	6
ENVE220	Water Quality and Ecological Engineering	Spring	6
EESC252	Geology for Engineers 1	Spring	6
MINE220	Underground Mining Methods	Spring	6
Year 3			
CIVL361	Geomechanics	Autumn	6
ENVE377	Membrane Science and Technology	Autumn	6
ENVE311	Pollution Prevention and Waste Management	Autumn	6
MINE311	Surface Mining Methods	Autumn	6
CIVL272	Surveying	Spring	6
ENVE221	Air and Noise Pollution Engineering Control	Spring	6
CHEM214	Analytical and Environmental Chemistry	Spring	6
Plus	1 elective from List A of the Civil or Mining elective list		
Year 4			
CIVL322	Hydraulics and Hydrology	Autumn	6
CIVL462	Principles of Foundation Engineering	Autumn	6
MINE312	Mine Ventilation	Autumn	6
MINE416	Mining Economics	Autumn	6
ENGG378	Sustainable Energy Technologies	Spring	6
ENVE320	Environmental Engineering Design for Sustainability	Spring	6
MINE323	Mining Geomechanics	Spring	6
Plus	One elective	Spring	6
Year 5			
ENGG461	Managing Engineering Projects	Autumn	6
MINE422	Mine Planning and Development	Autumn	6
MINE411	Health and Safety in Mines	Spring	6
ENVE410	Site Remediation Engineering	Spring	6
ENVE421	Integrated Environmental Engineering Design	Spring	6
ENGG454	Professional Experience		0
ENGG456	Engineering Project A	Autumn/Spring	6
Or			
ENGG452	Thesis A	Annual	12

Or			
ENGG453	Thesis B *	Annual	18
Plus	One or two electives from List A of the Civil or Mining elective list		

** The 18 credit point thesis is equivalent to the 12 credit point thesis and one 6 credit point elective*

For students in ENGG456: Any 3 electives from List A

For students in ENGG452: Any 2 elective from List A

For students in ENGG453: 1 elective from List A

Other Information

Further information is available at http://coursefinder.uow.edu.au/ or email: engineering@uow.edu.au

Bachelor of Engineering (Mining and Materials Engineering)

Course Program

Subject		Session	Credit Points
Year 1			
CHEM103	Chemistry for Engineers	Autumn	6
ENGG101	Foundations of Engineering	Autumn	6
ENGG153	Engineering Materials	Autumn	6
MATH141	Foundations of Engineering Mathematics	Autumn	6
ENGG152	Engineering Mechanics	Spring	6
ENGG154	Engineering Design and Innovation	Spring	6
MATH142	Essentials of Engineering Mathematics	Spring	6
PHYS143	Physics for Engineers	Spring	6
Year 2			
ENGG252	Engineering Fluid Mechanics	Autumn	6
MATH283	Mathematics 2E for Engineers Part 1	Autumn	6
MATE201	Structure of Materials	Autumn	6
MATE202	Thermodynamics and Phase Equilibria	Autumn	6
ECTE290	Fundamentals of Electrical Engineering	Spring	6
MINE220	Underground Mining Methods	Spring	6
CIVL272	Surveying	Spring	6
EESC252	Geology for Engineers	Spring	6
Year 3			
CIVL296	Engineering Computing	Autumn	6
ENGG251	Mechanics of Solids	Autumn	6
CIVL361	Geomechanics	Autumn	6
MINE311	Surface Mining Methods	Autumn	6
MINE323	Mining Geomechanics	Spring	6
MATE203	Phase Transformations	Spring	6
MATE204	Mechanical Behaviour of Materials	Spring	6
plus	one elective	Spring	6
Year 4			
MINE312	Mine Ventilation	Autumn	6
MATE301	Engineering Alloys	Autumn	6
MATE306	Fracture, Failure and Degradation	Autumn	6
MATE381	Materials Experimental Methods and Computing	Autumn	6
MINE416	Mining Economics	Spring	6
MATE302	Polymeric Materials	Spring	6
MATE303	Ceramics, Glass and Refractories	Spring	6
MATE305	Primary Materials Processing	Spring	6
Year 5			

ENGG461	Managing Engineering Projects	Autumn	6
MATE402	Secondary Materials Processing	Autumn	6
MINE411	Health and Safety	Autumn	6
MINE422	Mine Planning and Development	Spring	6
MATE401	Selection of Materials in Engineering Design	Spring	6
MATE304	Transport Phenomena in Materials Processing	Spring	6
ENGG456	Engineering Project A	Autumn/Spring	6
or			
ENGG452	Thesis A	Annual	12
or			
ENGG453	Thesis B**	Annual	18
ENGG454	Professional Experience		0
For students in ENGG456: Any 2 electives from either List A of the Mining Program or from the Materials Core elective Schedule			
For students in ENGG452: 1 electives from either List A of the Mining Program or from the Materials Core elective Schedule			
For students in ENGG453: 0 electives			

** Electives may not be available every year – check subject timetable.*

*** 18 credit point thesis is equivalent to the 12 credit point thesis and one 6 credit point elective.*

**** High achieving students in ENGG456 Project A may articulate to ENGG457 Project B in order to continue with the project started in ENGG456.*

Other Information

Further information is available at http://coursefinder.uow.edu.au/ or email: engineering@uow.edu.au

Bachelor of Engineering

Testamur Title:	Bachelor of Engineering
Majors available:	Electrical Engineering
	Computer Engineering
	Telecommunications Engineering
Abbreviation:	BE
My University:	Electrical Engineering
	Computer Engineering
	Telecommunications Engineering
Duration:	4 years full-time (or part-time equivalent)
Total Credit Points:	192
Delivery Mode:	On Campus (Face-to-Face)
Starting Session(s):	Autumn/Spring
Location:	Wollongong
UOW Course Code:	722E
UAC Code:	755621 (Computer), 755622 (Electrical), 755623 (Telecommunications, 755624 (Flexible First Year), 755630 (Dean's Scholar)
CRICOS Code:	031273G

Overview

The aim of the Bachelor of Engineering degree is to produce professional engineers who:

- possess the graduate attributes of the University and Engineers Australia;
- possess the fundamental knowledge, skills and attitudes to further develop in their chosen careers; and
- graduate with the proficiency to compete successfully anywhere in the world.

The success of the degree in meeting this aim is evidenced by the number of graduates employed by large corporations in Australia, the United Kingdom, the United States of America, Europe and Asia.

The degree programs offered are enriched by the industry partnerships that exist between the University and industry. Traditionally, Engineering at Wollongong has had close ties with the Port Kembla steel industry and these continue today.

Research activities have diversified over the years with the establishment of major research institutes and centres in fields such as Information and Communication Technology, Power Quality and Reliability.

There are three majors within the degree:

- Electrical Engineering
- Computer Engineering
- Telecommunications Engineering

In addition, four double degrees are offered that provide students with the opportunity to combine their engineering studies with study in other disciplines:

- Bachelor of Engineering - Bachelor of Arts
- Bachelor of Engineering - Bachelor of Commerce
- Bachelor of Engineering - Bachelor of Mathematics
- Bachelor of Engineering - Bachelor of Science

Entry Requirements/Assumed Knowledge

Approximate ATAR: 78.

Assumed Knowledge: Any two units of English plus Mathematics and two units of Science.

Recommended Studies: English Advanced, HSC Mathematics Extension 1 and Physics.

Please refer to the relevant prospectus for the entry requirements for students 21 and over or international students.

Credit Exemption Arrangements

Information about Approved Credit Exemption Arrangements with domestic providers is available in the General Course Rules.

Information about Approved Credit Exemptions with international providers is available at: http://www.uow.edu.au/future/international/apply/credit/index.html

Course Requirements

To attain the Bachelor of Engineering, students must satisfactorily complete at least 192 credit points of the prescribed subjects including a major in one of the available areas of study.

The degree is to be completed in a minimum of four years of full-time study; however, most subjects are scheduled so that it may also be undertaken on a part-time basis, in which case the duration will depend upon the particular circumstances of the student. Progression is by subject, but the various subject pre- and co-requisites must be satisfied.

Students who are considering studying part-time should contact the School to develop a program in consultation with the School Academic Adviser, taking into account their individual requirements.

For holders of TAFE qualifications, programs will be determined on an individual basis but exemptions of up to 48 credit points may apply.

Flexible First Year Option

The Bachelor of Engineering (Electrical, Computer or Telecommunications) offers a first year program of study that is common for all majors.

The Flexible First Year option is available to those students who would like to explore the various engineering disciplines prior to selecting a major area of study.

Upon completion of the first year subjects, students then select their chosen major area of study. This must be finalised prior to the commencement of Year 3. Refer to the Course Program below for further details.

Dean's Scholars Program

Students require an ATAR of above 93 to enter the Informatics Dean's Scholars Program in the first year. Once accepted into the program students need to achieve at Weighted Average Mark (WAM) of at least 75 each year to maintain a place.

Current students can apply for a course transfer into this program after completing a minimum of 48 credit points and performing to the standard of a WAM of 80 or more.

Dean's Scholars Program students must complete all requirements for their respective degrees.

Intake into this program will be limited each year to 15-20 students from across the Faculty.

Dean's Scholars Research Options

Students enrolled in the Informatics Dean's Scholars Program have the option of undertaking a research project that aligns with School's research strengths. Students will need to discuss proposals with the School Academic Advisor prior to enrolling in the elective six (6) credit point subject ECTE355 Scholars Project.

Professional Experience

All Bachelor of Engineering students will need to complete ECTE399 Professional Experience.

This is a zero credit point subject that requires students to undertake a minimum 12 weeks industry experience at an approved professional placement. This should be completed preferably in the period between Years 3 and 4 and be documented in the form of an employment report.

Honours

To be eligible for Honours, students must complete ECTE451 Engineering Project 1 (6 credit points) AND ECTE458 Engineering Project 2 (12 credit points) in their final year of study.

The degree of Bachelor of Engineering (Honours) will be awarded on the basis of overall performance throughout the course and the subsequent completion of the requisite subjects as listed above.

The classes of honours that may be awarded are Class 1; Class 2 Division 1; Class 2 Division 2 as defined in the Course Rules.

Course Program

The recommended program for full-time, four year minimum course completion requires students to satisfactorily complete the first year before beginning the third year and the second year before beginning the fourth year (with the approval of the Head of School or their delegate, these requirements may be waived under special circumstances).

The program of study is common for all majors until Year 3. Students are required to ensure they have selected the major of their choice in Year 3 in order to ensure they do not have to complete additional subjects.

The formal contact hours, methods of teaching and learning and forms of assessment vary from subject to subject. Full details are provided to students at the commencement of each subject by the subject coordinator.

Students should attend all classes including lectures, tutorials and practical classes.

Core Subjects

Year 1

Students should complete the following subjects in their first year of enrolment:

Subjects		Session	Credit Points
ECTE171	Electrical Engineering Practice	Autumn	6
MATH141	Foundations of Engineering Mathematics	Autumn	6
PHYS141	Fundamentals of Physics A	Autumn	6
CSCI191	Engineering Programming 1	Autumn	6
ECTE170	Introduction to Circuits and Devices	Spring	6
MATH142	Essentials of Engineering Mathematics	Spring	6
PHYS142	Fundamentals of Physics B	Spring	6
CSCI192	Engineering Programming 2	Spring	6

Note: Upon entry into the Year 1 program, the School may make a recommendation to students, based on their HSC Mathematics result, to participate in the Mathematics enabling program. This consists of completing MATH010, MATH141 and MATH142, in their first year of study.

Students with Extension 2 Mathematics may replace MATH141 and MATH142 with MATH187 and MATH188.

Year 2

Students should complete the following subjects in their second year of their enrolment:

Subjects		Session	Credit Points
ECTE202	Circuits and Systems	Annual	6
ECTE250	Engineering Design and Management 2	Annual	6
ECTE222	Power Engineering 1	Autumn	6
ECTE233	Digital Hardware	Autumn	6
MATH283	Advanced Engineering Mathematics and Statistics	Autumn	6
ECTE203	Signals and Systems	Spring	6
ECTE212	Electronics	Spring	6
ENGG291	Engineering Fundamentals	Spring	6

Years 3 and 4

Students are required to enrol in subjects in Year 3 and Year 4 according to their chosen major. Students are to select from one of the listed major areas of study:

Majors

- Electrical Engineering
- Computer Engineering
- Telecommunications Engineering

Professional Recognition

The Bachelor of Engineering Computer and Electrical Engineering Majors are accredited by Engineers Australia and the Singapore Professional Engineers Board.

The Bachelor of Engineering Telecommunications Engineering Major is accredited by Engineers Australia.

Further Studies

Continual education is a requirement for registration as a professional engineer and career development. Graduates can apply for entry into the Masters by Coursework or Masters by Research offerings that are delivered by the School. Refer to the Postgraduate Handbook for further details.

Other Information

Further information is available at http://coursefinder.uow.edu.au/ or email: informatics_enquiries@uow.edu.au

Electrical Engineering Major

To satisfy the requirements for a major study in Electrical Engineering a student shall satisfactorily complete the Bachelor of Engineering core subjects, as listed in the Course Program plus those subjects as detailed in the following program.

Year 3

Students should enrol in the following subjects in their third year of enrolment:

Subjects		Session	Credit Points
ECTE333	Microcontroller Architecture and Applications	Annual	6
ECTE350	Engineering Design and Management 3	Annual	6
ECTE301	Digital Signal Processing	Autumn	6
ECTE344	Control Theory	Autumn	6
ECTE363	Communication Systems	Autumn	6
ECTE399	Professional Experience	Autumn/Spring	0
ECTE323	Power Engineering 2	Spring	6
ECTE364	Data Communications	Spring	6
AND	1 General Schedule Subject*	Spring	6

Year 4

To be considered for the award of Honours students must enrol in the following subjects in their fourth year of enrolment:

Subjects		Session	Credit Points
ECTE451	Engineering Project 1	Autumn/Spring	6
ECTE458	Engineering Project 2	Autumn/Spring	12
AND			
	3 Electrical Engineering Major Subjects	Autumn/Spring	18
AND	1 Elective Subject	Autumn/Spring	6
AND	1 General Schedule Subject*	Autumn/Spring	6

To be considered for the award of a pass degree (no Honours) students must enrol in the following subjects in their fourth year of enrolment:

ECTE451	Engineering Project 1	Autumn/Spring	6
AND	3 Electrical Engineering Major Subjects	Autumn/Spring	18
AND	2 Elective Subjects	Autumn/Spring	12
AND	2 General Schedule Subjects*	Autumn/Spring	12

Electrical Engineering Major Subjects

ECTE412	Power Electronics and Drives	Autumn	6
ECTE423	Power System Analysis	Autumn	6
ECTE433	Embedded Systems	Autumn	6
ECTE441	Intelligent Control	Autumn	6
ECTE426	Power Distribution Systems	Spring	6
ECTE442	Computer Controlled Systems	Spring	6
ECTE465	Wireless Communication Systems	Spring	6
ECTE471	Robotics and Flexible Automation	Spring	6

**General Schedule Subjects are selected from the General Schedule and may be 100/200/300/400-level (excluding ECTE181, ECTE182, ECTE282 and ECTE283) and are subject to the approval of the Head of School or nominee.*

Computer Engineering Major

To satisfy the requirements for a major study in Computer Engineering a student shall satisfactorily complete the Bachelor of Engineering core subjects, as listed in the Course Program plus those subjects as detailed in the following program.

Year 3

Students should enrol in the following subjects in their third year of enrolment:

Subjects		Session	Credit Points
ECTE333	Microcontroller Architecture and Applications	Annual	6
ECTE350	Engineering Design and Management 3	Annual	6
ECTE301	Digital Signal Processing	Autumn	6
ECTE344	Control Theory	Autumn	6
ECTE363	Communication Systems	Autumn	6
ECTE399	Professional Experience	Autumn/Spring	0
CSCI213	Java Programming and Applications	Spring	6
ECTE364	Data Communications	Spring	6
AND	1 General Schedule Subject*	Spring	6

Year 4

Students must enrol in the following subject in their fourth year of enrolment:

Subjects	Session	Credit Points

ECTE432	Computer Architecture	Spring	6

AND

To be considered for the award of Honours students must also enrol in the following subjects in their fourth year of enrolment:

ECTE451	Engineering Project 1	Autumn/Spring	6
ECTE458	Engineering Project 2	Autumn/Spring	12
AND			
	2 Computer Engineering Major Subjects	Autumn/Spring	12
AND	1 Elective Subject	Autumn/Spring	6
AND	1 General Schedule Subject*	Autumn/Spring	6

OR

To be considered for the award of a pass degree (no honours) students must also enrol in the following subjects in their fourth year of enrolment:

ECTE451	Engineering Project 1	Autumn/Spring	6
AND	2 Computer Engineering Major Subjects	Autumn/Spring	12
AND	2 Elective Subjects	Autumn/Spring	12
AND	2 General Schedule Subjects*	Autumn/Spring	12

Computer Engineering Major Subjects

ECTE401	Multimedia Signal Processing	Autumn	6
ECTE431	Real-Time Computing	Autumn	6
ECTE433	Embedded Systems	Autumn	6
CSCI318	Software Engineering Practices and Principles	Spring	6
ECTE471	Robotics and Flexible Automation	Spring	6

*General Schedule subjects are selected from the General Schedule. They may be 100/200/300/400-level (excluding ECTE181, ECTE182, ECTE282 and ECTE283) and are subject to the approval of the Head of School or nominee.

Elective Subjects

Subjects appearing on the Elective Subjects list will only count as either a Major Subject or an Elective Subject.

Students will not be approved to have one subject count toward both their Major and Elective requirements.

Additional Information:

Unless class numbers warrant, not all Computer Engineering Major Subjects or Elective Subjects will be offered in any one year.

Other Information

Further information is available at http://coursefinder.uow.edu.au/ or email: informatics_enquiries@uow.edu.au

Elective Subjects

Subjects appearing on the Elective Subject list will only count as either a Major Subject or an Elective Subject.

Students will not be approved to have one subject count toward both their Major and Elective requirement.

Bachelor of Engineering (Electrical, Computer, Telecommunications) Elective Subjects

These Elective Subjects are common to all majors. Subjects appearing on this list will only count as a Core Subject, a Major Subject or an Elective Subject (each can only be counted once).

A pre-requisite of "all Year 2 subjects or equivalent" applies to EACH Final Year Elective Subject in addition to any other pre- or co-requisite given.

Unless class numbers warrant it, not all Elective Subjects will be offered in any year.

Subjects		Session	Credit Points
ECTE401	Multimedia Signal Processing	Autumn	6
ECTE412	Power Electronics and Drives	Autumn	6

ECTE423	Power System Analysis	Autumn	6
ECTE431	Real-Time Computing	Autumn	6
ECTE433	Embedded Systems	Autumn	6
ECTE441	Intelligent Control	Autumn	6
ECTE482	Network Engineering	Autumn	6
ECTE426	Power Distribution Systems	Spring	6
ECTE432	Computer Architecture	Spring	6
ECTE442	Computer Controlled Systems	Spring	6
ECTE465	Wireless Communication Systems	Spring	6
ECTE471	Robotics and Flexible Automation	Spring	6
ECTE468	Coding and Error Correction	n/o 2013	6
ECTE469	Queuing Theory and Linear Programming	Spring	6
INFO411	Data Mining and Knowledge Discovery	Autumn	6

Computer Engineering Major

To satisfy the requirements for a major study in Computer Engineering a student shall satisfactorily complete the Bachelor of Engineering core subjects, as listed in the Course Program plus those subjects as detailed in the following program.

Year 3

Students should enrol in the following subjects in their third year of enrolment:

Subjects		Session	Credit Points
ECTE333	Microcontroller Architecture and Applications	Annual	6
ECTE350	Engineering Design and Management 3	Annual	6
ECTE301	Digital Signal Processing	Autumn	6
ECTE344	Control Theory	Autumn	6
ECTE363	Communication Systems	Autumn	6
ECTE399	Professional Experience	Autumn/Spring	0
CSCI213	Java Programming and Applications	Spring	6
ECTE364	Data Communications	Spring	6
AND	1 General Schedule Subject*	Spring	6

Year 4

Students must enrol in the following subject in their fourth year of enrolment:

Subjects		Session	Credit Points
ECTE432	Computer Architecture	Spring	6

AND

To be considered for the award of Honours students must also enrol in the following subjects in their fourth year of enrolment:

ECTE451	Engineering Project 1	Autumn/Spring	6
ECTE458	Engineering Project 2	Autumn/Spring	12
AND			
	2 Computer Engineering Major Subjects	Autumn/Spring	12
AND	1 Elective Subject	Autumn/Spring	6
AND	1 General Schedule Subject*	Autumn/Spring	6

OR

To be considered for the award of a pass degree (no honours) students must also enrol in the following subjects in their fourth year of enrolment:

ECTE451	Engineering Project 1	Autumn/Spring	6
AND	2 Computer Engineering Major Subjects	Autumn/Spring	12
AND	2 Elective Subjects	Autumn/Spring	12
AND	2 General Schedule Subjects*	Autumn/Spring	12

Computer Engineering Major Subjects

ECTE401	Multimedia Signal Processing	Autumn	6
ECTE431	Real-Time Computing	Autumn	6
ECTE433	Embedded Systems	Autumn	6
CSCI318	Software Engineering Practices and Principles	Spring	6
ECTE471	Robotics and Flexible Automation	Spring	6

**General Schedule subjects are selected from the General Schedule. They may be 100/200/300/400-level (excluding ECTE181, ECTE182, ECTE282 and ECTE283) and are subject to the approval of the Head of School or nominee.*

Elective Subjects

Subjects appearing on the Elective Subjects list will only count as either a Major Subject or an Elective Subject.

Students will not be approved to have one subject count toward both their Major and Elective requirements.

Additional Information:

Unless class numbers warrant, not all Computer Engineering Major Subjects or Elective Subjects will be offered in any one year.

Other Information

Further information is available at http://coursefinder.uow.edu.au/ or email: informatics_enquiries@uow.edu.au

Additional Information:

Unless class numbers warrant, not all Electrical Engineering Major Subjects or Elective Subjects will be offered in any one year.

Other Information

Further information is available at http://coursefinder.uow.edu.au/ or email: informatics_enquiries@uow.edu.au

Telecommunications Engineering Major

To satisfy the requirements for a major study in Telecommunications Engineering a student shall satisfactorily complete the Bachelor of Engineering core subjects, as listed in the Course Program, plus those subjects as detailed in the following program.

Year 3

Students should enrol in the following subjects in their third year of enrolment:

Subjects		Session	Credit Points
ECTE333	Microcontroller Architecture and Applications	Annual	6
ECTE350	Engineering Design and Management 3	Annual	6
ECTE301	Digital Signal Processing	Autumn	6
ECTE363	Communication Systems	Autumn	6
ECTE344	Control Theory	Autumn	6
ECTE399	Professional Experience	Autumn/Spring	0
ECTE364	Data Communications	Spring	6
ISIT201	Information and Communication Security	Spring	6
AND	1 General Schedule Subject *	Spring	6

Year 4

To be considered for the award of Honours students must enrol in the following subjects in their fourth year of enrolment:

Subjects		Session	Credit Points
ECTE451	Engineering Project 1	Autumn/Spring	6
ECTE458	Engineering Project 2	Autumn/Spring	12
ECTE469	Queuing Theory and Optimisation	Spring	6
AND			
	2 Telecommunications Engineering Major Subjects	Autumn/Spring	12
AND	1 Elective Subject	Autumn/Spring	6
AND	1 General Schedule Subject*	Autumn/Spring	6

To be considered for the award of a pass degree (no Honours) students must enrol in the following subjects in their fourth year of enrolment:

ECTE451	Engineering Project 1	Autumn/Spring	6
ECTE469	Queuing Theory and Optimisation	Spring	6
AND	2 Telecommunications Engineering Major Subjects	Autumn/Spring	12
AND	2 Elective Subjects	Autumn/Spring	12
AND	2 General Schedule Subjects*	Autumn/Spring	12

Telecommunications Engineering Major Subjects

Students must enrol in the following subjects (18 credit points) to satisfy the requirements of this major:

ECTE401	Multimedia Signal Processing	Autumn	6
ECTE482	Network Engineering	Autumn	6
ECTE465	Wireless Communication Systems	Spring	6

**General Schedule Subjects are selected from the General Schedule. They may be 100/200/300/400-level (excluding ECTE181, ECTE182, ECTE282 and ECTE283) and are subject to the approval of the Head of School or their nominee.*

Elective Subjects

Subjects appearing on the Elective Subject list will only count as either a Major Subject or an Elective Subject.

Students will not be approved to have one subject count toward both their Major and Elective requirement.

Additional Information:

Unless class numbers warrant, not all Elective Subjects will be offered in any one year.

Other Information

Further information is available at http://coursefinder.uow.edu.au/ or email: informatics_enquiries@uow.edu.au

Bachelor of Engineering (Dean's Scholar)

Testamur Titles of Degree:	Bachelor of Engineering (Dean's Scholar)
Abbreviations:	BE(Dean's Schol)
My University:	Electrical Engineering
	Computer Engineering
	Telecommunications Engineering
Delivery Mode:	On campus (Face-to-face)
Starting Session(s):	Autumn
Location:	Wollongong
UOW Course Code:	1801 - BE(Dean's Scholar)
UAC Codes:	755630
CRICOS Codes:	Same as normal degree program

Overview

The Dean's Scholar Degree offers a challenging and enriched educational experience for high-achieving students who want to perform above the level normally expected. The Degree also encourages students to continue their studies through the completion of Honours and research degrees. A limited number of students from across the Faculty are admitted to the program each year, selected from new students with a base rank ATAR of at least 93 or from current students enrolled in an Informatics degree. Current Informatics students who have achieved a Weighted Average Mark (WAM) of 80 at the end of one year of full-time study within the Faculty, may apply to transfer into the Dean's Scholars program.

Dean's Scholars will complete all requirements for their respective degrees and, where possible, may be permitted to take an accelerated program after their first session. Dean's Scholars will receive special privileges and the programs are a distinction easily recognisable to future employers, giving you an edge in competitive employment

situations. Dean's Scholars are encouraged to contribute to the scholarly life of the Faculty through events in the Faculty's postgraduate program.

Dean's Scholars will receive individual mentoring and the following privileges:

- $500.00 per annum book allowance (issued as $250 per semester)
- Extended library access
- Free print quota (up to 250 pages per session maximum)
- Free SECTE laboratory kits each session
- Access to accelerated program (where possible)
- Access to an academic mentor – a member of academic staff who advises you on matters concerning your degree
- Opportunity for summer internship (equivalent to the summer scholarships)
- Alignment of the major or honours thesis project with a research project in the assigned research centre.
- Opportunity to improve public speaking skills through 6 monthly membership to UOW Toastmasters program.
- After hours building access

Entry Requirements / Assumed Knowledge

ATAR: The Dean's Scholars programs in the listed degrees will be available to students with a base ATAR of above 93, with a limited intake across the Faculty per annum.

Current students (in non-Dean's Scholar degrees listed) are eligible to apply to transfer to the Dean's Scholars program providing they perform to the standard of a WAM of 80 for a full-time load over two (2) sessions. This also applies to students who are not commencing immediately after completing year 12, including those aged 21 years and over or international students. Transfers will only be approved for students who have completed no more than half of their degree (including credit transfers).

Applications

To apply for the Dean's Scholars programs, new students should include the relevant degree as one of your UAC preferences (see the UAC guide for the appropriate code). New and current students also need to complete and submit the following application forms by the closing dates (students who apply may be contacted by the University prior to admission):

Applications for new students (click here for application form) close on 30 September and for current students wishing to transfer (click here for application) close on 31 December and 30 June.

Course Requirements/Eligibility

Course programs for the Dean's Scholar degrees are identical to the current non-Dean's Scholar degrees offered by the Faculty – see relevant Handbook entries.

Continuation in the Dean's Scholar degrees will normally be dependent on the student achieving a WAM of at least 75 in each year of study. Students who do not meet the required average will be transferred to the equivalent non-Dean's Scholar degree.

Please note that the Dean's Scholars Program is not offered to part-time students and is only available to International Students who are eligible to apply through UAC (for new students), or who have completed one year of full-time study at UOW (for current students). The program is not offered for double degrees and is not a scholarship.

Other Information

Further information is available at http://coursefinder.uow.edu.au/ or email: informatics_enquiries@uow.edu.au

Bachelor of Engineering – Bachelor of Arts

Testamur Title:	Bachelor of Engineering
	Bachelor of Arts
Abbreviation:	BE-BA
My University:	Electrical Engineering, Computer Engineering, Telecommunications Engineering, Arts, Humanities, Asia-Pacific Studies, Australian Studies, Employment Relations, English Language, Communication Studies, Linguistics, English Literature, European Studies, French, Gender Studies, History, Indigenous Studies, Indonesian, Italian, Japanese, Mandarin, Media Studies, Cultural Studies, Philosophy, Politics, Post Colonial Studies, Science, Technology Studies, Sociology, Spanish
Duration:	5 years full-time (or part-time equivalent)
Total Credit Points:	274
Delivery Mode:	On Campus (Face-to-Face)
Starting Session(s):	Autumn/Spring
Location:	Wollongong
UOW Course Code:	704_2
UAC Code:	751303
CRICOS Code:	048492A

Overview

There is a high demand in industry and commerce for quality graduates who have expertise in more than one discipline. The double degree program Bachelor of Engineering - Bachelor of Arts combines the aims of the Bachelor of Engineering with those of the Bachelor of Arts.

It offers the opportunity for professional engineering students, who have a flair for languages, history, philosophy, etc. to combine their interest with their professional engineering studies in computer, electrical or telecommunications engineering.

Please refer to the entries for the Bachelor of Engineering and the Bachelor of Arts for information additional to that presented below.

Entry Requirements / Assumed Knowledge

Approximate ATAR: 90

Assumed Knowledge: Any two units of English plus Mathematics and two units of Science.

Recommended Studies: English Advanced, HSC Mathematics Extension 1, Physics.

For entry requirements for students 21 and over or international students, please refer to the relevant prospectus.

Credit Exemptions

Information about Approved Credit Exemption Arrangements with domestic providers is available in the General Course Rules.

Information about Approved Credit Exemption Arrangements with international providers is available at: http://www.uow.edu.au/future/international/apply/credit/ index.html

Course Requirements

The requirements for a Bachelor of Engineering degree are detailed in the Course Handbook. Students are required to satisfactorily complete the prescribed subjects including a major in one of the available areas of study:

- Electrical Engineering
- Computer Engineering
- Telecommunications Engineering.

Normally a double degree program requires students to complete 274 credit points, in some cases, however, depending upon the program of study chosen, this number may be exceeded.

Generally, there is a minimum requirement of 72 credit points in subjects from the Arts Schedule for the Bachelor of Arts. In most cases, however, students should expect to be required to take up to 90 credit points from the Arts Schedule.

The choice of Arts subjects will be constrained by the requirements for a Bachelor of Arts degree as set out in the Bachelor of Arts entry in the Course Handbook and is subject to the approval of the relevant Head of School and/or Sub-Dean(s).

It is a requirement of the Bachelor of Engineering - Bachelor of Arts that all students enrolled maintain a weighted average mark of 67.5% or better throughout the course or they will be transferred to the Bachelor of Engineering Course.

Professional Experience

All Bachelor of Engineering students will need to complete ECTE399 Professional Experience.

This is a zero credit point subject that requires students to undertake a minimum 12 weeks industry experience at an approved professional placement. This should be completed preferably in the period between Years 3 and 4 and be documented in the form of an employment report.

Honours

To be eligible for Bachelor of Engineering (Honours), students must complete ECTE451 Engineering Project 1 (6 credit points) AND ECTE458 Engineering Project 2 (12 credit points) in their final year of study.

The degree of Bachelor of Engineering (Honours) will be awarded on the basis of overall performance throughout the course and the subsequent completion of the requisite subjects as listed above.

The classes of honours that may be awarded are Class I; Class II Division 1; Class II Division 2 as defined in the Course Rules.

Please refer to the Bachelor of Arts entry for detail regarding the Bachelor of Arts (Honours).

Professional Recognition

The Bachelor of Engineering Computer and Electrical Engineering Majors are accredited by Engineers Australia and the Singapore Professional Engineers Board.

The Bachelor of Engineering Telecommunications Engineering Major is accredited by Engineers Australia.

Other Information

With the approval of relevant Head of School and/or Sub-Dean(s), students who have completed the recommended first year program of the Bachelor of Engineering (Electrical or Computer or Telecommunications Engineering Majors) and who have gained a weighted average mark of 67.5% or better may transfer to the Bachelor of Engineering - Bachelor of Arts.

Further information is available from the School of Electrical, Computer and Telecommunications Engineering on +61 2 4221 3065.

Course Program

To qualify for the award of the degrees of Bachelor of Engineering and Bachelor of Arts, a candidate must complete satisfactorily and independently each of (a) and (b) as follows:

a) all subjects prescribed for the Bachelor of Engineering, (except one of the General Schedule Subjects) and having a minimum value of 180 credit points; and

b) the requirements for the Bachelor of Arts.

To qualify for the award of the degree of Bachelor of Arts only, a candidate must satisfy requirements as specified in the Faculty of Arts entry for this course.

Study Program

The program of study is common for all majors until the end of Year 3. Students are required to enrol in the program of study that satisfies their chosen major area of study for years 4 and 5.

The recommended program requires students to satisfactorily complete the first year before beginning the third year and the second year before beginning the fifth year (with the approval of the Head of School, these requirements may be waived under special circumstances).

Core Subjects

The following subjects are compulsory unless otherwise advised.

Year 1

Students should complete the following subjects in their first year of enrolment:

Subjects		Session	Credit Points
ECTE171	Electrical Engineering Practice	Autumn	6
MATH141	Foundations of Engineering Mathematics	Autumn	6
PHYS141	Fundamentals of Physics A	Autumn	6
CSCI191	Engineering Programming 1	Autumn	6
CSCI192	Engineering Programming 2	Spring	6
ECTE170	Introduction to Circuits and Devices	Spring	6
MATH142	Essentials of Engineering Mathematics	Spring	6
PHYS142	Fundamentals of Physics B	Spring	6

Note: Upon entry into the Year 1 program, the School may make a recommendation to students, based on their HSC Mathematics result, to participate in the Mathematics enabling program. This consists of MATH010, MATH141 and MATH 142 in their first year of study.

Students with Extension 2 Mathematics may replace MATH141 and MATH142 with MATH187 and MATH188.

Year 2

Students should complete the following subjects in the second year of enrolment:

ECTE202	Circuits and Systems	Annual	6
ECTE222	Power Engineering 1	Autumn	6
ECTE233	Digital Hardware	Autumn	6
MATH283	Advanced Engineering Mathematics and Statistics	Autumn	6
ECTE203	Signals and Systems	Spring	6
ENGG291	Engineering Fundamentals	Spring	6
Arts Subjects		Autumn/Spring	18

Year 3

Students should enrol in the following subjects in the third year of enrolment:

ECTE250	Engineering Design and Management 2	Annual	6
ECTE344	Control Theory	Autumn	6
ECTE363	Communication Systems	Autumn	6
ECTE212	Electronics	Spring	6
Arts Subjects		Autumn/Spring	30

Students are required to enrol in subjects in Year 4 and Year 5 according to their chosen major. Students are to select from one of the following Bachelor of Engineering major areas of study.

Year 4

Electrical Engineering Major

Students studying the Electrical Engineering Major should enrol in the following subjects in the fourth year of enrolment:

ECTE333	Microcontroller Architecture and Applications	Annual	6
ECTE350	Engineering Design and Management 3	Annual	6
ECTE301	Digital Signal Processing	Autumn	6
ECTE323	Power Engineering 2	Spring	6

ECTE364 Data Communications		Spring	6
ECTE399	Professional Experience	Autumn/Spring	0
Arts Subjects		Autumn/Spring	32

Computer Engineering Major

Students studying the Computer Engineering Major should enrol in the following subjects in the fourth year of enrolment:

ECTE333	Microcontroller Architecture and Applications	Annual	6
ECTE350	Engineering Design and Management 3	Annual	6
ECTE301	Digital Signal Processing	Autumn	6
CSCI213	Java Programming and Applications	Spring	6
ECTE364	Data Communications	Spring	6
ECTE399	Professional Experience	Autumn/Spring	0
Arts Subjects		Autumn/Spring	32

Telecommunications Engineering Major

Students studying the Telecommunications Engineering Major should enrol in the following subjects the fourth year of enrolment:

ECTE333	Microcontroller Architecture and Applications	Annual	6
ECTE350	Engineering Design and Management 3	Annual	6
ECTE301	Digital Signal Processing	Autumn	6
ECTE364	Data Communications	Spring	6
ISIT201	Information and Communication Security	Spring	6
ECTE399	Professional Experience	Autumn/Spring	0
Arts Subjects		Autumn/Spring	32

Year 5

Electrical Engineering Major

To be eligible for Honours, students completing either the Electrical Engineering Major should enrol as follows in their fifth year:

ECTE451	Engineering Project 1	Autumn/Spring	6
ECTE458	Engineering Project 2	Autumn/Spring	12
AND			
3 Electrical Engineering Major Subjects		Autumn/Spring	18
1 Arts Subject		Autumn/Spring	8
2 Elective Subjects		Autumn/Spring	12

To be eligible for a pass degree (no honours), students completing the Electrical Engineering Major should enrol as follows in their fifth year:

ECTE451	Engineering Project 1	Autumn/Spring	6
3 Electrical Engineering Major Subjects		Autumn/Spring	18
1 Arts Subject		Autumn/Spring	8
3 Elective Subjects		Autumn/Spring	18
1 General Schedule Subject*		Autumn/Spring	6

Computer Engineering Major

To be eligible for Honours, students completing Computer Engineering Major should enrol as follows in their fifth year:

ECTE432	Computer Architecture	Spring	6
AND			
ECTE451	Engineering Project 1	Autumn/Spring	6
ECTE458	Engineering Project 2	Autumn/Spring	12

AND			
2 Computer Engineering Major Subjects		Autumn/Spring	12
1 Arts Subject		Autumn/Spring	8
2 Elective Subjects		Autumn/Spring	12

To be eligible for a pass degree (no Honours), students completing the Computer Engineering Major should enrol as follows in their fifth year:

ECTE432	Computer Architecture	Spring	6
ECTE451	Engineering Project 1	Autumn/Spring	6
2 Computer Engineering Major Subjects		Autumn/Spring	12
1 Arts Subject		Autumn/Spring	8
3 Elective Subjects		Autumn/Spring	18
1 General Schedule Subject*		Autumn/Spring	6

Telecommunications Engineering Major

To be eligible for Honours, students completing Telecommunications Engineering Major should enrol as follows in their fifth year:

ECTE469	Queuing Theory and Optimisation	Spring	6
AND			
ECTE451	Engineering Project 1	Autumn/Spring	6
ECTE458	Engineering Project 2	Autumn/Spring	12
AND			
2 Telecommunications Engineering Major Subjects		Autumn/Spring	12
1 Arts Subject		Autumn/Spring	8
2 Elective Subjects		Autumn/Spring	12

To be eligible for a pass degree (no Honours), students completing the Telecommunications Engineering Major should enrol as follows in their fifth year:

ECTE469	Queuing Theory and Optimisation	Spring	6
ECTE451	Engineering Project 1	Autumn/Spring	6
2 Telecommunications Engineering Major Subjects		Autumn/Spring	12
1 Arts Subject		Autumn/Spring	8
3 Elective Subjects		Autumn/Spring	18
1 General Schedule Subject*		Autumn/Spring	6

Major and Elective Subjects

Note: Details of Final Year Major Subjects and Elective Subjects are provided in the Bachelor of Engineering Course Handbook Entry.

Subjects appearing on the Elective Subjects list will only count as either a Major Subject or Elective Subjects.

Students will not be approved to have the same subject count toward both their Major and Elective requirement.

Additional Information:

**General Schedule Subjects are selected from the General Schedule and may be 100/200/300/400-level (excluding ECTE181, ECTE182, ECTE282 and ECTE283) and are subject to the approval of the Head of School or nominee.*

Other Information

Further information is available at http://coursefinder.uow.edu.au/ or email: informatics_enquiries@uow.edu.au

Bachelor of Engineering – Bachelor of Arts

Testamur Title:	Bachelor of Engineering – Bachelor of Arts
Abbreviation:	BE-BA
My University:	Engineering, Computer, Electrical, Telecommunications, Arts, Humanities, Asia-Pacific Studies, Australian Studies, Employment Relations, English Language, Communication Studies, Linguistics, English Literature, European Studies, French, Gender Studies, History, Indigenous Studies, Indonesian, Italian, Japanese, Mandarin, Media Studies, Cultural Studies, Philosophy, Politics, Post Colonial Studies, Science, Technology Studies, Sociology, Spanish,
Duration:	Five years full-time or part-time equivalent
Total Credit Points:	264
Delivery Mode:	On campus (Face-to-face)
Starting Session(s):	Autumn/Spring
Location:	Wollongong
UOW Course Code:	704
UAC Code:	751302
CRICOS Code:	028394B

Overview

The University of Wollongong offers Engineering and Arts double degree courses over five years of full-time or eight years of part-time study, leading to the degrees of Bachelor of Engineering and Bachelor of Arts. These courses provide education in a discipline of Engineering together with a major study in Arts to broaden the knowledge base of the graduate, thereby enhancing career prospects. The Engineering courses are accredited by Engineers Australia.

The requirement for admission to the double degree is an ATAR or equivalent which is equal to or greater than the rank required for admission to the Bachelor of Arts, or Bachelor of Engineering, whichever is the higher. The English pre-requisite must be satisfied for the Bachelor of Arts degree.

Entry Requirements/Assumed Knowledge

The approximate ATAR required for entry is 83. Assumed knowledge: Any two units of English plus Mathematics. Recommended studies: Physics, Chemistry and Mathematics Ext. 1. For International students the English language entry criteria will be as indicated on the University Website: www.uow.edu.au/future/interantional/apply/english/index.html.

Course Requirements – Bachelor of Arts

Students enrolled in the Bachelor of Arts must satisfactorily complete:

a) subjects to the value of at least 90 credit points selected from the General Schedule or the Arts Schedule, together with

b) subjects to the value of at least 54 credit points prescribed by one of the Engineering programs.

Of the above specified 144 credit points required for the Arts degree:

a) at least 72 credit points, including a major study, shall be from subjects listed in the Arts Schedule;

b) no more than 60 credit points shall be for 100-level subjects.

c) To complete the credit points required for the double degree, students can take elective subjects offered through the general schedule.

Students intending to enrol in Japanese language at beginners' level must contact the Convenor of the Japanese Program or the Director of the Language Centre, Faculty of Arts. Enrolment in Japanese is not recommended for part-time students.

Bachelor of Arts students who satisfy entry requirements may subsequently enrol in the Bachelor of Arts Honours.

Course Requirements – Bachelor of Engineering

Students enrolled in the Bachelor of Engineering must complete a total of 192 credit points. Of the 192 credit points, 174 credit points must be Engineering subjects taken from the following:

Bachelor of Engineering - Core Subjects

plus the subjects leading to one of these Engineering degrees:

Bachelor of Engineering - Civil Engineering

Bachelor of Engineering - Environmental Engineering

Bachelor of Engineering - Materials Engineering

Bachelor of Engineering - Mechanical Engineering

Bachelor of Engineering – Mechatronic Engineering

Bachelor of Engineering - Mining Engineering

A candidate must complete at least 12 weeks of approved professional engineering experience during the course. A part-time candidate in approved full-time engineering employment may be exempted from up to three specified subjects in accordance with the provisions of the Professional Options subjects, thereby enabling the joint course to be completed in a shorter time.

All students must discuss their Engineering program with the relevant Sub Dean.

Other Information

Further information is available at http://coursefinder.uow.edu.au/ or email: engineering@uow.edu.au or fac-arts@uow.edu.au

Bachelor of Engineering – Bachelor of Commerce

Testamur Title:	Bachelor of Engineering – Bachelor of Commerce
Abbreviation:	BE-BCom
My University:	Engineering, Flexible Entry, Civil, Environmental, Materials, Mechanical, Mechatronic, Mining, Commerce, Accountancy, Business Innovation, Business Law, Economics, Finance, Financial Planning, Human Resource Management, International Business, International Economics, Management, Marketing, Public Relations, Quantitative Analysis in Economics, Supply Chain Management
Duration:	Five years full-time or part-time equivalent
Total Credit Points:	264
Delivery Mode:	On campus (Face-to-face)
Starting Session(s):	Autumn/Spring
Location:	Wollongong
UOW Course Code:	727
UAC Code:	751601
CRICOS Code:	001707A

Overview / Course Aims

The Faculties of Commerce and Engineering offer double degree courses over five years of full-time or eight years of part-time study leading to the degrees of Bachelor of Commerce and Bachelor of Engineering. These courses provide education in the discipline of Engineering together with a major study in Commerce to broaden the knowledge base of the graduate, thereby enhancing career prospects. The Engineering courses are accredited by Engineers Australia.

Requirement for admission to the double degree is an ATAR or equivalent which is equal to or greater than the rank required for admission to the Bachelor of Commerce or Bachelor of Engineering, whichever is the higher. English and Mathematics pre-requisites for both degrees must be satisfied.

Entry Requirements/Assumed Knowledge

The approximate ATAR required for entry to the Bachelor of Engineering – Bachelor of Commerce is 83. For International students the English language entry criteria will be as indicated on the University Website: www.uow.edu.au/future/interantional/apply/english/index.html. Assumed knowledge: any two units of English plus Mathematics. Recommended studies: Physics, Chemistry, and HSC Mathematics Ext. 1.

Course Requirements – Bachelor of Commerce

Candidates are required to complete core subjects and subjects which satisfy the requirements of one of the Commerce majors. Candidates can choose between a number of major and minor combinations. All students must

seek advice and approval from the Sub Dean and relevant Head of School before enrolment. Students should be aware that it may not be possible to complete all Commerce programs with the usual 264 credit points required for a double degree.

For the Bachelor of Commerce component of the double degree, students must complete 54 credit points of core subjects (including the capstone subject), plus a 48 credit point major

The following subjects should be substituted with another Commerce major subject on completion of the alternative Engineering subject:

1. COMM113 Introduction to Business Information Systems

   Alternative subjects:

CIVL296	Engineering Computing	6
MECH252	Thermodynamics, Experimental Methods and Analysis	6
MATE381	Materials Experimental Methods and Computing	6

   or

CSCI191	Programming for Engineers	6

2. COMM121 Quantitative Methods 1

   Alternative subject:

MATH283	Mathematics 2E for Engineers Part 1	6

Course Requirements – Bachelor of Engineering

Students enrolled in the Bachelor of Engineering must complete a total of 192 credit points. Of the 192 credit points, 174 credit points must be Engineering subjects taken from the following:

Bachelor of Engineering - Core Subjects

plus the subjects leading to one of these Engineering degrees:

Bachelor of Engineering - Civil Engineering

Bachelor of Engineering - Environmental Engineering

Bachelor of Engineering - Materials Engineering

Bachelor of Engineering - Mechanical Engineering

Bachelor of Engineering – Mechatronic Engineering

Bachelor of Engineering - Mining Engineering

ENGG361 and ENGG461 should be replaced by Engineering electives, i.e. those with an Engineering degree prefix. Students are not permitted to use Commerce subjects to substitute for Engineering electives.

A candidate must complete at least 12 weeks of approved professional engineering experience during the course. A part-time candidate in approved full-time engineering employment may be exempted from up to three specified subjects in accordance with the provisions of the Professional Options subjects, thereby enabling the joint course to be completed in a shorter time.

All students must discuss their Engineering program with the Sub Dean.

Other Information

Further information is available at http://coursefinder.uow.edu.au/ or email: engineering@uow.edu.au or commerce-enquiries@uow.edu.au

Bachelor of Engineering – Bachelor of Commerce

Testamur Title:	Bachelor of Engineering
	Bachelor of Commerce
Abbreviation:	BE-BCom
My University:	Electrical Engineering, Computer Engineering, Telecommunications Engineering
Duration:	5 years full-time or part-time equivalent
Total Credit Points:	264
Delivery Mode:	On Campus (Face-to-face)
Starting Session(s):	Autumn/Spring
Location:	Wollongong
UOW Course Code:	727_2
UAC Code:	751602
CRICOS Code:	042625G

Overview

There is a high demand in industry and commerce for quality graduates who have expertise in more than one discipline. The double degree program Bachelor of Engineering - Bachelor of Commerce combines the aims of the Bachelor of Engineering with those of the Bachelor of Commerce. It offers the opportunity for professional engineering students, who have a flair for business, finance, management, marketing, etc. to combine their interest with their professional engineering studies in computer, electrical or telecommunications engineering. It is likely to be of particular interest to those students who wish to undertake a career in management.

Please refer to the entries for the Bachelor of Engineering and the Bachelor of Commerce for information additional to that presented below.

Entry Requirements/Assumed Knowledge

Approximate ATAR: 90

Assumed Knowledge: Any two units of English plus Mathematics and two units of Science.

Recommended Studies: English Advanced, HSC Mathematics Extension 1, Physics.

For entry requirements for students 21 and over or international students, please refer to the relevant prospectus.

Credit Exemptions

Information about further Approved Credit Exemption Arrangements with domestic providers is available in the General Course Rules.

Information about Approved Credit Exemption Arrangements with international providers is available at: http://www.uow.edu.au/future/international/apply/credit/index.html

Course Requirements

The requirements for a Bachelor of Engineering degree are detailed in the Course Handbook. Students are required to satisfactorily complete the prescribed subjects (as outlined below) including a major in one of the available areas of study:

- Electrical Engineering
- Computer Engineering
- Telecommunications Engineering

Normally a double degree program requires students to complete 264 credit points, in some cases, however, depending upon the program of study chosen, this number may be exceeded.

To assist students to complete their program, some Commerce subjects are available in Summer Session. Students should consult the timetable for details.

The choice of Commerce subjects will be constrained by the requirements for a Bachelor of Commerce degree as set out in the Bachelor of Commerce entry in the Course Handbook and is subject to the approval of the delegated authorities in each of the Faculties offering the double degree.

It is a requirement of the Bachelor of Engineering - Bachelor of Commerce that all students enrolled maintain a weighted average mark of 67.5% or better throughout the course or they will be transferred to the Bachelor of Engineering Course.

Professional Experience

All Bachelor of Engineering students will need to complete ECTE399 Professional Experience.

This is a zero credit point subject that requires students to undertake a minimum 12 weeks industry experience at an approved professional placement. This should be completed preferably in the period between Years 3 and 4 and be documented in the form of an employment report.

Honours

To be eligible for Bachelor of Engineering Honours, students must complete ECTE451 Engineering Project 1 (6 credit points) AND ECTE458 Engineering Project 2 (12 credit points) in their final year of study.

The degree of Bachelor of Engineering Honours will be awarded on the basis of overall performance throughout the course and the subsequent completion of the requisite subjects as listed above.

The classes of Honours that may be awarded are Class I; Class II Division 1; Class II Division 2 as defined in the Course Rules.

Please refer to the Bachelor of Commerce entry for detail regarding the Bachelor of Commerce Honours.

Professional Recognition

The Bachelor of Engineering Computer and Electrical Engineering Majors are accredited by Engineers Australia and the Singapore Professional Engineers Board.

The Bachelor of Engineering Telecommunications Engineering Major is accredited by Engineers Australia.

Other Information

With the approval of the delegated authorities in each of the Faculties offering the double degree, students who have completed the recommended first year program of the Bachelor of Engineering (Electrical, Computer or Telecommunications Engineering Majors) and who have gained a weighted average mark of 67.5% or better may transfer to the Bachelor of Engineering - Bachelor of Commerce.

Further information is available from the School of Electrical, Computer and Telecommunications Engineering on +61 2 4221 3065.

Course Program

To qualify for the degrees of Bachelor of Engineering and Bachelor of Commerce a candidate must complete satisfactorily and independently each of (a) and (b) as follows:

a) all subjects prescribed for the Bachelor of Engineering, (except ECTE250 Engineering Design and Management 2 and the General Schedule Subjects) and having a minimum value of 174 credit points; and

b) the requirements for the Bachelor of Commerce.

To qualify for the award of the Bachelor of Commerce only, a candidate must satisfy requirements as specified in the Bachelor of Commerce entry for this course.

Study Program

The program of study is common for all majors until the end of Year 3. Students are required to enrol in the program of study that satisfies their chosen major area of study for years 4 and 5.

The recommended program requires students to satisfactorily complete the first year before beginning the third year and the second year before beginning the fifth year (with the approval of the Head of School, these requirements may be waived under special circumstances).

Core Subjects

The following subjects are compulsory unless otherwise stated.

Year 1

Students should complete the following subjects in their first year of enrolment:

Subjects		Session	Credit Points
ECTE171	Electrical Engineering Practice	Autumn	6
MATH141	Foundations of Engineering Mathematics	Autumn	6
PHYS141	Fundamentals of Physics A	Autumn	6
CSCI191	Engineering Programming 1	Autumn	6
CSCI192	Engineering Programming 2	Spring	6
ECTE170	Introduction to Circuits and Devices	Spring	6
MATH142	Essentials of Engineering Mathematics	Spring	6

PHYS142	Fundamentals of Physics B	Spring	6

Note: Upon entry into the Year 1 program, the School may make a recommendation to students, based on their HSC Mathematics result, to participate in the Mathematics enabling program. This consists of MATH010, MATH141 and MATH 142 in their first year of study.

Students with Extension 2 Mathematics may replace MATH141 and MATH142 with MATH187 and MATH188.

Year 2

Students should complete the following subjects in their second year of enrolment:

ECTE202	Circuits and Systems	Annual	6
ECTE222	Power Engineering 1	Autumn	6
ECTE233	Digital Hardware	Autumn	6
MATH283	Advanced Engineering Mathematics and Statistics	Autumn	6
ECTE203	Signals and Systems	Spring	6
ENGG291	Engineering Fundamentals	Spring	6
Commerce Subjects		Autumn/Spring	

Year 3

Students should enrol in the following subjects in their third year of enrolment:

ECTE333	Microcontroller Architecture and Applications	Annual	6
ECTE344	Control Theory	Autumn	6
ECTE363	Communication Systems	Autumn	6
ECTE212	Electronics	Spring	6
Commerce Subjects		Autumn/Spring	

Students are required to enrol in subjects in Year 4 and Year 5 according to their chosen major. Students are to select from one of the following Bachelor of Engineering major areas of study.

Year 4

Electrical Engineering Major

Students studying the Electrical Engineering Major should enrol in the following subjects in the fourth year of their enrolment:

ECTE350	Engineering Design and Management 3	Annual	6
ECTE301	Digital Signal Processing	Autumn	6
ECTE323	Power Engineering 2	Spring	6
ECTE364	Data Communications	Spring	6
ECTE399 Professional Experience		Autumn/Spring	0
Commerce Subjects		Autumn/Spring	

Computer Engineering Major

Students studying the Computer Engineering Major should enrol in the following subjects in the fourth year of their enrolment:

ECTE350	Engineering Design and Management 3	Annual	6
ECTE301	Digital Signal Processing	Autumn	6
CSCI213	Java Programming and its Applications	Spring	6
ECTE364	Data Communications	Spring	6
ECTE399	Professional Experience	Autumn/Spring	0
Commerce Subjects		Autumn/Spring	

Telecommunications Engineering Major

Students studying the Telecommunications Engineering Major should enrol in the following subjects in the fourth year of their enrolment:

ECTE350	Engineering Design and Management 3	Annual	6
ECTE301	Digital Signal Processing	Autumn	6
ECTE364	Data Communications	Spring	6
ISIT201	Information and Communication Security	Spring	6
ECTE399	Professional Experience	Autumn/Spring	0
Commerce Subjects		Autumn/Spring	

Year 5#

Electrical Engineering Major

To be eligible for Honours, students completing the Electrical Engineering Major should enrol as follows in their fifth year:

ECTE451	Engineering Project 1	Autumn/Spring	6
ECTE458	Engineering Project 2	Spring	12
AND			
3 Electrical Engineering Major Subjects		Autumn/Spring	18
1 Elective Subject		Autumn/Spring	6
Commerce Subjects		Autumn/Spring	

To be eligible for a pass degree (no Honours), students completing the Electrical Engineering Major should enrol as follows in their fifth year:

ECTE451	Engineering Project 1	Autumn/Spring	6
3 Electrical Engineering Major Subjects		Autumn/Spring	18
2 Elective Subjects		Autumn/Spring	12
1 General Schedule Subject*		Autumn/Spring	6
Commerce Subjects		Autumn/Spring	

Computer Engineering Major

To be eligible for Honours, students completing Computer Engineering Major should enrol as follows in their fifth year:

ECTE432	Computer Architecture	Spring	6
AND			
ECTE451	Engineering Project 1	Autumn/Spring	6
ECTE458	Engineering Project 2	Spring	12
AND			
2 Computer Engineering Major Subjects		Autumn/Spring	12
1 Elective Subject		Autumn/Spring	6
Commerce Subjects		Autumn/Spring	

To be eligible for a pass degree (no Honours), students completing the Computer Engineering Major should enrol as follows in their fifth year:

ECTE432	Computer Architecture	Spring	6
ECTE451	Engineering Project 1	Autumn/Spring	6
2 Computer Engineering Major Subjects		Autumn/Spring	12
2 Elective Subjects		Autumn/Spring	12
1 General Schedule Subject*		Autumn/Spring	6
Commerce Subjects		Autumn/Spring	

Telecommunications Engineering Major

To be eligible for Honours, students completing Telecommunications Engineering Major should enrol as follows in their fifth year:

ECTE469	Queuing Theory and Optimisation	Spring	6
AND			
ECTE451	Engineering Project 1	Autumn/Spring	6
ECTE458	Engineering Project 2	Spring	12
AND			
2 Telecommunications Engineering Major Subjects		Autumn/Spring	12
1 Elective Subject		Autumn/Spring	6
Commerce Subjects		Autumn/Spring	

To be eligible for a pass degree (no Honours), students completing the Telecommunications Engineering Major should enrol as follows in their fifth year:

ECTE469	Queuing Theory and Optimisation	Spring	6
ECTE451	Engineering Project 1	Autumn/Spring	6
2 Telecommunications Engineering Major Subjects		Autumn/Spring	12
2 Elective Subjects		Autumn/Spring	12
1 General Schedule Subject*		Autumn/Spring	6
Commerce Subjects		Autumn/Spring	

#Refer to the entry for the Bachelor of Engineering for details of the final year requirements under each major.

Major and Specialisation Subjects

Note: Details of Final Year Major Subjects and Elective Subjects are provided in the Bachelor of Engineering Course Handbook Entry.

Subjects appearing on the Elective Subjects list will only count as either a Major Subject or an Elective Subject.

Students will not be approved to have one subject count toward both their Major and Elective requirement.

Additional Information:

Only students enrolled in this combined degree are noted as receiving credit for COMM110 (for students enrolled prior to 2010) and/or COMM113 (for students enrolled post 2010) and COMM121 as the material is covered in CSCI191, CSCI192 and MATH283 respectively.

**General Schedule Subjects are selected from the General Schedule and may be 100/200/300/400-level (excluding ECTE181, ECTE182, ECTE282 and ECTE283) and are subject to the approval of the Head of School or their nominee.*

Other Information

Further information is available at http://coursefinder.uow.edu.au/ or email: informatics_enquiries@uow.edu.au

Bachelor of Engineering – Bachelor of Computer Science

Testamur Title:	Bachelor of Engineering – Bachelor of Computer Science
Abbreviation:	BE-BCompSc
My University:	Civil, Environmental, Materials, Mechanical, Mechatronic, Mining, Digital Systems Security, Enterprise Systems Development, Multimedia and Game Development, Software Engineering
Duration:	5 years full-time or part-time equivalent
Total Credit Points:	264
Delivery Mode:	On campus (Face-to-face)
Starting Session(s):	Autumn/Spring
Location:	Wollongong
UOW Course Code:	790
UAC Code:	751609
CRICOS Code:	042540B

Overview

The University of Wollongong offers Engineering and Computer Science double degree courses over five years of full-time, or eight years of part-time study, leading to the degrees of Bachelor of Engineering and Bachelor of Computer Science.

These courses provide education in the discipline of Engineering together with a major study in Computer Science to broaden the knowledge base of the graduate, thereby enhancing career prospects. The Engineering courses are accredited by Engineers Australia.

Requirement for admission to the double degree is a UAI or equivalent which is equal to or greater than the rank required for admission to the Bachelor of Computer Science or Bachelor of Engineering, whichever is the higher. English and Mathematics pre-requisites for both degrees must be satisfied.

Entry Requirements/Assumed Knowledge

The approximate ATAR required for entry into the Bachelor of Engineering – Bachelor of Computer Science is 90. Assumed knowledge: any two units of English plus Mathematics. Recommended Studies: Physics, Chemistry and Mathematics Ext.1. For International students the English language entry criteria will be as indicated on the University Website: www.uow.edu.au/future/interantional/apply/english/index.html.

Course Requirements – Bachelor of Computer Science

Students enrolled in the Bachelor of Computer Science must satisfactorily complete requirements 1, 2, 4 and 5 of the Bachelor of Computer Science course requirements.

Course Requirements – Bachelor of Engineering

Students enrolled in the Bachelor of Engineering must complete a total of 192 credit points. Of the 192 credit points, 174 credit points must be Engineering subjects taken from the following:

Bachelor of Engineering - Core Subjects

plus the subjects leading to one of these Engineering degrees:

Bachelor of Engineering - Civil Engineering

Bachelor of Engineering - Environmental Engineering

Bachelor of Engineering - Materials Engineering

Bachelor of Engineering - Mechanical Engineering

Bachelor of Engineering – Mechatronic Engineering

Bachelor of Engineering - Mining Engineering

A candidate must complete at least 12 weeks of approved professional engineering experience during the course. A part-time candidate in approved full-time engineering employment may be exempted from up to three specified subjects in accordance with the provisions of the Professional Options subjects, thereby enabling the joint course to be completed in a shorter time.

All students must discuss their Engineering program with the relevant Sub Dean.

Other Information

Further information is available at http://coursefinder.uow.edu.au/ or email: engineering@uow.edu.au or informatics_studenq@uow.edu.au

Bachelor of Engineering - Bachelor of Laws

Testamur Title:	Bachelor of Engineering - Bachelor of Laws
Abbreviation:	BE-LLB
My University:	Engineering, Civil, Environmental, Materials, Mechanical, Mechatronic, Mining, Law
Duration:	6 years full-time or part-time equivalent
Total Credit Points:	342*
Delivery Mode:	On-campus
Starting Session(s):	Autumn
Location:	Wollongong
UOW Course Code:	779
UAC Code:	751208
CRICOS Code:	036465C

** This is a minimum figure and may vary depending on major.*

Overview

Students commencing University study directly from school may enrol in a double degree course with the Bachelor of Laws. Study in another academic discipline allows students to recognise how law functions in social, economic, technical, environmental and scientific contexts. The Bachelor of Engineering – Bachelor of Laws degree allows students to recognise how law functions in technical contexts.

For the first year of the double degree, students enrol in subjects as prescribed in the table below. The first year of the LLB must be completed full time, except where approval is given on equity grounds. In the following 5 years of the degree, students enrol in Law and Engineering subjects.

Entry Requirements / Assumed Knowledge

Bachelor of Law:

Assumed Knowledge: Any two units of English. Recommended Studies: English Advanced.

Bachelor of Engineering:

For the Bachelor of Engineering refer to the relevant Faculty.

Credit Transfer

Students may apply for credit transfer for relevant subjects completed at approved tertiary institutions. Refer to http://www.uow.edu.au/about/policy/UOW058649.html.

Course Requirements

Students who enrol in the Bachelor of Engineering - Bachelor of Laws must complete each of the following:

a) all compulsory Law subjects as set out in the relevant Course Program;

b) elective subjects to the value of 40 credit points from the Bachelor of Laws Elective Law Schedule;

c) a major study comprising 162 credit points as prescribed by Engineering.

Note: All students should discuss their Engineering program with the relevant Course Coordinator.

Honours

To be eligible for the award of Bachelor of Laws Honours, a candidate must complete the elective LLB313 Legal Research Project as part of the above Course Requirements. The Honours grade will be calculated in accordance with Method 4. Refer to the University's General Course Rules (8.37), for information on the methods of calculating Honours.

As an alternative to the WAM-based Honours system, eligible students may complete an additional year of study towards the award of a Bachelor of Laws Honours by Research degree or the Bachelor of Laws Joint Honours by Research degree.

In order to be eligible for the Bachelor of Laws Honours by Research degree (an 'end-on' full year honours), students must have completed all LLB degree requirements with a WAM calculated by Method 4 of 70% or more. To be eligible for the award of Bachelor of Laws Honours by Research, a candidate must complete LLB448 Research Honours in Law in addition to the above Course Requirements. The Honours grade will be calculated in accordance

with Method 1. Refer to the University's General Course Rules (8.37), for information on the methods of calculating Honours. See the Bachelor of Laws Honours by Research degree entry for further details.

In order to be eligible for the Bachelor of Laws Joint Honours by Research degree (an 'end-on' full year honours), students must have completed all requirements for their double degree with a WAM calculated by Method 4 in the University's General Course Rules (8.37) of 70% or more* in their LLB subjects and overall in order to be eligible to apply. Entry must be approved by the Associate Dean, in consultation with the LLB Honours Coordinator and the relevant authority in the other discipline. The Associate Dean shall not approve entry into this course unless the LLB Honours Coordinator and the relevant authority in the other discipline have agreed, in consultation with the student, on the program of study that will form the basis of the course curriculum for the degree. See the Bachelor of Laws Joint Honours by Research degree for further details.

** The other faculty may specify other minimum entry requirements.*

Course Program

Subjects (by year)		Session	Credit Points
First Year			
LLB 100	Foundations of Law A	Autumn	8
LLB 110	Legal Research and Writing	Autumn	4
LLB 120	Law of Contract A	Autumn	8
LLB 130	Criminal Law and Process A	Autumn	8
LLB 150	Communication Skills	Autumn	2
LLB 140	Advocacy Skills	Spring	2
LLB 160	Foundations of Law B	Spring	8
LLB 170	Law of Contracts B	Spring	8
LLB 180	Criminal Law and Process B	Spring	8
LLB 197	Lawyers and Australian Society	Spring	6
Second Year			
LLB 220	Property and Trusts A	Autumn	8
LLB 230	Public Law A	Autumn	8
Subjects from Engineering schedule		Autumn	
LLB 270	Property and Trusts B	Spring	8
LLB 280	Public Law B	Spring	8
Subjects from Engineering schedule		Spring	
Third Year			
LLB 240	Law of Torts	Autumn	8
LLB 260	Dispute Management Skills	Autumn	2
Subjects from Engineering schedule		Autumn	
LLB 250	Drafting Skills	Spring	2
LLB 290	Legal Theory	Spring	8
LLB 397	Legal Internship	Autumn/Spring	2
Subjects from Engineering schedule		Spring	
Fourth Year			
LLB 300	Remedies and Procedure	Autumn	8
LLB 302	Law of Business Organisations	Autumn	8
Subjects from Engineering schedule		Autumn	
LLB 301	Evidence	Spring	8
1 LLB Elective		Spring	8
Subjects from Engineering schedule		Spring	
Fifth Year			
2 LLB Electives		Autumn	16
Subjects from Engineering schedule		Autumn	
1 LLB Elective		Spring	8
Subjects from Engineering schedule		Spring	
Sixth Year			
1 LLB Elective		Autumn	8
Subjects from Engineering schedule		Autumn	
Subjects from Engineering schedule		Spring	

Majors

Majors are NOT available in the Bachelor of Laws course. Refer to the Engineering Schedule for majors available in the Bachelor of Engineering degree.

Electives

Students must successfully complete elective subjects to the value of 40 credit points from the Bachelor of Laws Elective Law Schedule - see Bachelor of Laws (Graduate Entry).

Other Information

Further information is available at http://coursefinder.uow.edu.au/ or email: Law: law-enquiries@uow.edu.au; Engineering: engineering@uow.edu.au

Bachelor of Engineering – Bachelor of Mathematics

Testamur Title:	Bachelor of Engineering – Bachelor of Mathematics
Abbreviation:	BE-BMath
My University:	Civil, Environmental, Materials, Mechanical, Mechatronic, Mining, Applied Statistics, Industrial/Applied Mathematics, Mathematical Analysis, Pure Mathematics
Duration:	5 years full-time or part-time equivalent
Total Credit Points:	264
Delivery Mode:	On campus (Face-to-face)
Starting Session(s):	Autumn/Spring
Location:	Wollongong
UOW Course Code:	791
UAC Code:	751610
RICOS Code:	042626G

Overview / Course Aims

The University of Wollongong offers Engineering and Informatics double degree courses over five years of full-time or eight years of part-time study, leading to the degrees of Bachelor of Engineering and Bachelor of Mathematics.

These courses provide education in the discipline of Engineering, together with a major study in Mathematics to broaden the knowledge base of the graduate, thereby enhancing career prospects. The Engineering courses are accredited by Engineers Australia.

Requirement for admission to the double degree is a UAI or equivalent which is equal to or greater than the rank required for admission to the Bachelor of Mathematics or Bachelor of Engineering, whichever is the higher. English and Mathematics pre-requisites for both degrees must be satisfied.

Entry Requirements/Assumed Knowledge

An approximate ATAR of 90 is required for entry to this degree. For International students the Enlglish language criteria will be as indicated on the University website: www.uow.edu.au/future/international/apply/enligh/index.html .Assumed knowledge: Any two units of English plus Mathematics. Recommended Studies: Physics, Chemistry and Mathematics Ext. 1.

Course Requirements – Bachelor of Mathematics

Students enrolled in the Bachelor of Mathematics must satisfactorily complete requirements 1 to 9, excluding 5, of the Bachelor of Mathematics course requirements, including no more than 60 credit points at 100- level.

Course Requirements – Bachelor of Engineering

Students enrolled in the Bachelor of Engineering must complete a total of 192 credit points. Of the 192 credit points, 174 credit points must be Engineering subjects taken from the following:

Bachelor of Engineering - Core Subjects

plus the subjects leading to one of these Engineering degrees:

Bachelor of Engineering - Civil Engineering

Bachelor of Engineering - Environmental Engineering

Bachelor of Engineering - Materials Engineering

Bachelor of Engineering - Mechanical Engineering

Bachelor of Engineering – Mechatronic Engineering

Bachelor of Engineering - Mining Engineering

A candidate must complete at least 12 weeks of approved professional engineering experience during the course. A part-time candidate in approved full-time engineering employment may be exempted from up to three specified subjects in accordance with the provisions of the Professional Options subjects, thereby enabling the joint course to be completed in a shorter time.

All students must discuss their Engineering program with the relevant Sub Dean.

Other Information

Further information is available at http://coursefinder.uow.edu.au/ or email: engineering@uow.edu.au or informatics_studenq@uow.edu.au

Bachelor of Engineering – Bachelor of Mathematics

Testamur Title of Degree:	Bachelor of Engineering Bachelor of Mathematics
Abbreviation:	BE-BMath
My University:	Electrical Engineering, Computer Engineering, Telecommunications Engineering, Mathematics, Applied Statistics
Duration:	5 years full-time or part-time equivalent
Total Credit Points:	264
Delivery Mode:	On Campus (Face-to-Face)
Starting Session(s):	Autumn/Spring
Location:	Wollongong
UOW Course Code:	738
UAC Code:	751611
CRICOS Code:	BEng (Inf)-BMath: 002327E

Overview

There is a high demand in industry and commerce for quality graduates who have expertise in more than one discipline. The double degree program Bachelor of Engineering - Bachelor of Mathematics combines the aims of the Bachelor of Engineering with those of the Bachelor of Mathematics. It offers the opportunity for professional engineering students, who have a flair for mathematics or statistics, to combine their interest with their professional engineering studies in computer, electrical or telecommunications engineering. It is likely to be of particular interest to those students who wish to undertake a career in research.

Please refer to the entries for the Bachelor of Engineering and the Bachelor of Mathematics for information additional to that presented below.

Entry Requirements/Assumed Knowledge

Approximate ATAR: 90

Assumed Knowledge: Any two units of English plus Mathematics and two units of Science.

Recommended Studies: English Advanced, HSC Mathematics Extension 1, Physics.

For entry requirements for students 21 and over or international students, please refer to the relevant prospectus.

Credit Exemptions

Information about Approved Credit Exemption Arrangements with domestic providers is available in the General Course Rules.

Information about Approved Credit Exemption Arrangements with international providers is available at: http://www.uow.edu.au/future/international/apply/credit/index.html

Course Requirements

The requirements for a Bachelor of Engineering degree are detailed in the Course Handbook. Students are required to satisfactorily complete the prescribed subjects (as outlined below) including a major in one of the available areas of study:

- Electrical Engineering
- Computer Engineering
- Telecommunications Engineering

Normally a double degree program requires students to complete 264 credit points; in some cases, however, depending upon the program of study chosen, this number may be exceeded.

The choice of Mathematics or Statistics subjects will be constrained by the requirements for a Bachelor of Mathematics degree as set out in the Bachelor of Mathematics entry in the Course Handbook and is subject to the approval of the delegated authorities in each of the Schools offering the degrees.

It is a requirement of the Bachelor of Engineering - Bachelor of Mathematics that all students enrolled maintain a weighted average mark of 67.5% or better throughout the course or they will be transferred to the Bachelor of Engineering Course.

Professional Experience

All Bachelor of Engineering students will need to complete ECTE399 Professional Experience.

This is a zero credit point subject that requires students to undertake a minimum 12 weeks industry experience at an approved professional placement. This should be completed preferably in the period between Years 3 and 4 and be documented in the form of an employment report.

Honours

To be eligible for Bachelor of Engineering Honours, students must complete ECTE451 Engineering Project 1 (6 credit points) AND ECTE458 Engineering Project 2 (12 credit points) in their final year of study.

The degree of Bachelor of Engineering Honours will be awarded on the basis of overall performance throughout the course and the subsequent completion of the requisite subjects as listed above.

The classes of Honours that may be awarded are Class I; Class II Division 1; Class II Division 2 as defined in the Course Rules.

Please refer to the Bachelor of Mathematics entry for detail regarding the Bachelor of Mathematics Honours.

Professional Recognition

The Bachelor of Engineering Computer and Electrical Engineering Majors are accredited by Engineers Australia and the Singapore Professional Engineers Board.

The Bachelor of Engineering Telecommunications Engineering Major is accredited by Engineers Australia.

Other Information

With the approval of the delegated authorities, students who have completed the recommended first year program of the Bachelor of Engineering (Computer or Electrical or Telecommunications Engineering Majors) and who have gained a weighted average mark of 67.5% or better may transfer to the Bachelor of Engineering - Bachelor of Mathematics.

Further information is available from the School of Electrical, Computer and Telecommunications Engineering on +61 2 4221 3065.

Course Program

To qualify for the degrees of Bachelor of Engineering and Bachelor of Mathematics a candidate must complete satisfactorily and independently each of (a) and (b) as follows:

a) all subjects prescribed for the Bachelor of Engineering, (except MATH283 Advanced Engineering Mathematics and Statistics) and having a minimum value of 186 credit points;

b) requirements 1,2, 3, 6, 8(a) and 9, for the Bachelor of Mathematics, as well as STAT231, and including no more than 18 credit points of MATH/STAT at 100-level.

To qualify for the award of the degree of Bachelor of Mathematics only, a candidate must satisfy requirements as specified in the Bachelor of Mathematics entry for this course.

Study Program

The program of study is common for all majors until the end of Year 3. Students are required to enrol in the program of study that satisfies their chosen major area of study for years 4 and 5.

The recommended program requires students to satisfactorily complete the first year before beginning the third year and the second year before beginning the fifth year (with the approval of the Head of School, or their delegate, these requirements may be waived under special circumstances).

Core Subjects

The follow subjects as outlined below are compulsory unless otherwise stated.

Year 1

Students should complete the following subjects in their first year of enrolment:

Subjects		Session	Credit Points
ECTE171	Electrical Engineering Practice	Autumn	6
CSCI191	Engineering Programming 1	Autumn	6
MATH187	Mathematics 1: Algebra and Differential Calculus	Autumn	6
PHYS141	Fundamentals of Physics A	Autumn	6
CSCI192	Engineering Programming 2	Spring	6
ECTE170	Introduction to Circuits and Devices	Spring	6
MATH188	Mathematics 2: Series and Integral Calculus	Spring	6
PHYS142	Fundamentals of Physics B	Spring	6

Note: ONLY students undertaking the Mathematics component of this degree with a double major in Computer Science will need to complete CSCI114 and CSCI124 instead of CSCI191 and CSCI192. Students considering this double major should consult with the relevant Course Adviser prior to enrolment.

Year 2

Students should complete the following subjects in the second year of their enrolment:

ECTE202	Circuits and Systems	Annual	6
ECTE233	Digital Hardware	Autumn	6
ECTE222	Power Engineering 1	Autumn	6
MATH201	Multivariate and Vector Calculus	Autumn	6
MATH203	Linear Algebra	Autumn	6
ECTE203	Signals and Systems	Spring	6
ENGG291	Engineering Fundamentals	Spring	6
MATH202	Differential Equations 2	Spring	6
MATH204	Complex Variables and Group Theory	Spring	6

Year 3

Students should enrol in the following subjects in the third year of their enrolment:

ECTE250	Engineering Design and Management 2	Annual	6
ECTE344	Control Theory	Autumn	6
ECTE363	Communication Systems	Autumn	6
STAT231	Probability and Random Variables	Autumn	6
ECTE212	Electronics	Spring	6
Choice of 100/200/300-level Mathematics or Statistics Subjects		Autumn/Spring	24

Students are required to enrol in subjects in Year 4 and Year 5 according to their chosen major. Students are to select from one of the following Bachelor of Engineering major areas of study.

Year 4

Electrical Engineering Major

Students studying the Electrical Engineering Major should enrol in the following subjects in the fourth year of their enrolment:

ECTE333	Microcontroller Architecture and Applications	Annual	6
ECTE350	Engineering Design and Management 3	Annual	6
ECTE301	Digital Signal Processing	Autumn	6
ECTE323	Power Engineering 2	Spring	6
ECTE364	Data Communications	Spring	6
ECTE399	Professional Experience	Autumn/Spring	0
1 General Schedule Subject*		Autumn/Spring	6
300-level Mathematics or Statistics Subjects		Autumn/Spring	18

Computer Engineering Major

Students studying the Computer Engineering Major should enrol in the following subjects in the fourth year of their enrolment:

ECTE333	Microcontroller Architecture and Applications	Annual	6
ECTE350	Engineering Design and Management 3	Annual	6
ECTE301	Digital Signal Processing	Autumn	6
CSCI213	Java Programming and Applications	Spring	6
ECTE364	Data Communications	Spring	6
ECTE399	Professional Experience	Autumn/Spring	0
1 General Schedule Subject*		Autumn/Spring	6
300-level Mathematics or Statistics Subjects		Autumn/Spring	18

Telecommunications Engineering Major

Students studying the Telecommunications Major should enrol in the following program in the fourth year of their enrolment:

ECTE333	Microcontroller Architecture and Applications	Annual	6
ECTE350	Engineering Design and Management 3	Annual	6
ECTE301	Digital Signal Processing	Autumn	6
ECTE364	Data Communications	Spring	6
ISIT201	Information and Communication Security	Spring	6
ECTE399	Professional Experience	Autumn/Spring	0
1 General Schedule Subject*		Autumn/Spring	6
300-level Mathematics or Statistics Subjects		Autumn/Spring	18

Year 5#

Electrical Engineering Major

To be eligible for Honours, students completing the Electrical Engineering Major should enrol as follows in their fifth year:

ECTE451	Engineering Project 1	Autumn/Spring	6
ECTE458	Engineering Project 2	Spring	12
AND			
3 Electrical Engineering Major Subjects		Autumn/Spring	18
1 Mathematics or Statistics Subject		Autumn/Spring	6

2 Electives Subjects		Autumn/Spring	12

To be eligible for a pass degree (no Honours), students completing the Electrical Engineering Major should enrol as follows in their fifth year:

ECTE451	Engineering Project 1	Autumn/Spring	6
3 Electrical or Telecommunications Engineering Major Subjects		Autumn/Spring	18
1 Mathematics or Statistics Subject		Autumn/Spring	6
3 Elective Subjects		Autumn/Spring	18
1 General Schedule Subject*		Autumn/Spring	6

Computer Engineering Major

To be eligible for Honours, students completing Computer Engineering Major should enrol as follows in their fifth year:

ECTE432	Computer Architecture	Spring	6
AND			
ECTE451	Engineering Project 1	Autumn/Spring	6
ECTE458	Engineering Project 2	Spring	12
AND			
2 Computer Engineering Major Subjects		Autumn/Spring	12
1 Mathematics or Statistics Subject		Autumn/Spring	6
2 Elective Subjects		Autumn/Spring	12

To be eligible for a pass degree (no Honours), students completing the Computer Engineering Major should enrol as follows in their fifth year:

ECTE432	Computer Architecture	Spring	6
ECTE451	Engineering Project 1	Autumn/Spring	6
2 Computer Engineering Major Subjects		Autumn/Spring	12
1 Mathematics or Statistics Subject		Autumn/Spring	6
3 Elective Subjects		Autumn/Spring	18
1 General Schedule Subject*		Autumn/Spring	6

Telecommunications Engineering Major

To be eligible for Honours, students completing Telecommunications Engineering Major should enrol as follows in their fifth year:

ECTE469	Queuing Theory and Optimisation	Spring	6
AND			
ECTE451	Engineering Project 1	Autumn/Spring	6
ECTE458	Engineering Project 2	Spring	12
AND			
2 Telecommunications Engineering Major Subjects		Autumn/Spring	12
1 Mathematics or Statistics Subject		Autumn/Spring	6
2 Elective Subjects		Autumn/Spring	12

To be eligible for a pass degree (no Honours), students completing the Telecommunications Engineering Major should enrol as follows in their fifth year:

ECTE469	Queuing Theory and Optimisation	Spring	6
ECTE451	Engineering Project 1	Autumn/Spring	6
2 Telecommunications Engineering Major Subjects		Autumn/Spring	12
1 Mathematics or Statistics Subject		Autumn/Spring	6
3 Elective Subjects		Autumn/Spring	18
1 General Schedule Subject*		Autumn/Spring	6

Please refer to the entries for the Bachelor of Engineering for final year requirements under each major

Major and Specialisation Subjects

Note: Details of Final Year Major Subjects and Elective Subjects are provided in the Bachelor of Engineering Course Handbook Entry.

Subjects appearing on the Elective Subjects list will only count as either a Major Subject or an Elective Subject.

Students will not be approved to have one subject count toward both their Major and Elective requirement.

Additional Information:

*General Schedule Subjects are selected from the General Schedule and may be 100/200/300/400-level (excluding ECTE181, ECTE182, ECTE282 and ECTE283) and are subject to the approval of the Head of School or nominee.

Other Information

Further information is available at http://coursefinder.uow.edu.au/ or email: informatics_enquiries@uow.edu.au

Bachelor of Engineering – Bachelor of Science

Testamur Title:	Bachelor of Engineering - Bachelor of Science (Mechanical) (Mechatronics) (Exercise Science)
Abbreviation:	BE-BSc
My University:	Mechanical, Mechatronics, Exercise Science, Engineering
Duration:	Five years full-time or part-time equivalent
Total Credit Points:	264
Delivery Mode:	On campus (Face-to-face)
Starting Session(s):	Autumn/Spring
Location:	Wollongong
UOW Course Code:	750A
UAC Code:	751625
CRICOS Code:	048493M

Overview / Course Aims

The University of Wollongong offers Mechanical, Mechatronics, and Exercise Science double degree courses over five years of full-time or eight years of part-time study leading to the Bachelor of Engineering and Bachelor of Science. These courses provide education in either Mechanical Engineering or Mechatronics, together with a major study in Exercise Science, to broaden the knowledge base of the graduate, thereby enhancing career prospects.

Entry Requirements/Assumed Knowledge

Requirement for admission to the double degree is a ATAR or equivalent which is equal to or greater than the rank required for admission to the Bachelor of Science (Exercise Science) or the Bachelor of Engineering, whichever is the higher. Assumed Knowledge: any two units of English plus Mathematics. Recommended studies: Physics, Chemistry and HSC Mathematics Ext. 1. International students are required to have a minimum overall IELTS score of 6 (Reading: 6 Writing: 6 Speaking: 6 Listening: 6).

Course Requirements

Note that the Bachelor of Science (Exercise Science) has 140 hours of compulsory practicum experience, which must be completed over the 5 years of the double degree. Students enrolled in the double degree must complete the subjects listed below.

Course Program

Bachelor of Engineering (Mechanical) - Bachelor of Science (Exercise Science)

Subject		Session	Credit Points
Year 1			
CHEM103	Chemistry for Engineers	Autumn	6
ENGG101	Foundations of Engineering	Autumn	6
ENGG153	Engineering Materials	Autumn	6

MATH187	Mathematics 1: Algebra and Differential Calculus	Autumn	6
ENGG152	Engineering Mechanics	Spring	6
ENGG154	Engineering Design and Innovation	Spring	6
MATH188	Mathematics 2: Series and Integral Calculus	Spring	6
PHYS143	Physics for Engineers	Spring	6
Year 2			
MECH203	Mechanical Workshop Practice	Autumn/Spring	0
ENGG251	Mechanics of Solids	Autumn	6
MATH283	Mathematics 2E for Engineers Part 1	Autumn	6
MECH252	Thermodynamics, Experimental Methods and Analysis	Autumn	6
SHS 111	Introduction to Anatomy and Physiology I	Autumn	6
ECTE290	Fundamentals of Electrical Engineering	Spring	6
MECH201	Engineering Analysis	Spring	6
MECH215	Fundamentals of Machine Component Design	Spring	6
MECH226	Machine Dynamics	Spring	6
SHS 112	Introduction to Anatomy and Physiology II	Spring	6
Year 3			
ENGG252	Engineering Fluid Mechanics	Autumn	6
MECH341	Thermodynamics of Engineering Systems	Autumn	6
PSYC101	Introduction to Behavioural Science	Autumn	6
SHS 222	Foundations of Biomechanics	Autumn	6
BIOL103	Molecules, Cells and Organisms	Spring	6
MECH311	Mechanical Engineering Design	Spring	6
MECH343	Heat Transfer and Aerodynamics	Spring	6
SHS 220	Musculoskeletal Functional Anatomy	Spring	6
Year 4			
MECH321	Dynamics of Engineering Systems	Autumn	6
MECH382	Manufacturing Engineering Principles	Autumn	6
SHS 211	Control Mechanisms Physiology	Autumn	6
MECH419	Finite Element Methods	Autumn	6
MECH365	Control of Machines and Processes	Spring	6
PSYC116	Psychology of Physical Activity and Health	Spring	6
SHS 221	Exercise Physiology	Spring	6
SHS 223	Clinical Biomechanics	Spring	6
Plus	one electives (from Mechanical List)		12
Year 5			
EXSC320	Exercise Prescription	Annual	16
SHS 321	Advanced Exercise Physiology	Autumn	8
ENGG461	Managing Engineering Projects	Autumn	6
SHS 320	Motor Control and Dysfunction	Spring	8
ENGG454	Professional Experience		0
ENGG456	Engineering Project A	Autumn/Spring	6
or			
ENGG452	Thesis A	Annual	12
or			
ENGG453	Thesis B	Annual	18
Plus	Two or three electives (one or two Mechanical List A)		12

Course Program

Bachelor of Engineering (Mechatronics) - Bachelor of Science (Exercise Science)

Subject		Session	Credit Points
Year 1			
CHEM103	Chemistry for Engineers	Autumn	6
CSCI1191	Programming for Engineers	Autumn	6
ENGG101	Foundations of Engineering	Autumn	6
ENGG153	Engineering Materials	Autumn	6
MATH141	Mathematics 1: Algebra and Differential Calculus	Autumn	6
ECTE172	Introduction to Circuits and Devices	Spring	6
ENGG152	Engineering Mechanics	Spring	6
MATH142	Mathematics 2: Series and Integral Calculus	Spring	6
PHYS143	Physics for Engineers	Spring	6
Year 2			
MECH203	Mechanical Workshop Practice	Autumn/Spring	0
ECTE202	Circuits and Systems	Annual	6
ECTE233	Digital Hardware	Autumn	6
ENGG251	Mechanics of Solids	Autumn	6
MATH283	Mathematics 2E for Engineers Part 1	Autumn	6
SHS 111	Introduction to Anatomy and Physiology I	Autumn	6
ECTE212	Electronics	Spring	6
ENGG154	Engineering Design and Innovation	Spring	6
MECH215	Fundamentals of Machine Component Design	Spring	6
SHS 112	Introduction to Anatomy and Physiology II	Spring	6
Year 3			
PSYC101	Introduction to Behavioural Science	Autumn	6
SHS 211	Control Mechanisms Physiology	Autumn	6
SHS 222	Foundations of Biomechanics	Autumn	6
BIOL103	Molecules, Cells and Organisms	Spring	6
MECH226	Machine Dynamics	Spring	6
MECH311	Mechanical Engineering Design	Spring	6
SHS 220	Musculoskeletal Functional Anatomy	Spring	6
SHS 221	Exercise Physiology	Spring	6
Year 4			
ECTE333	Microcontroller Architecture and Applications	Annual	6
ECTE350	Engineering Design and Management 3	Annual	6
ECTE301	Digital Signal Processing	Autumn	6
ECTE344	Control Theory	Autumn	6
MECH252	Thermodynamics, Experimental Methods and Analysis	Autumn	6
PSYC116	Psychology of Physical Activity and Health	Spring	6
ECTE203	Signals and Systems	Spring	6
SHS 223	Clinical Biomechanics	Spring	6
SHS 320	Motor Control and Dysfunction	Spring	8
Year 5			
EXSC320	Exercise Prescription	Annual	16
SHS 321	Advanced Exercise Physiology	Autumn	8
ENGG461	Project Management and Human Factors in Engineering	Autumn	6
ENGG252	Engineering Fluid Mechanics	Autumn	6

ECTE324	Power Engineering 2	Spring	6
ECTE471	Robotics and Flexible Automation	Spring	6
ENGG454	Professional Experience		0
ENGG456	Engineering Project A	Autumn/Spring	6
or			
ENGG452	Thesis A	Annual	12
or			
ENGG453	Thesis B *	Annual	18

** 18 credit point thesis is equivalent to the 12 credit point thesis and one 6 credit point elective.*

Other Information

Further information is available at http://coursefinder.uow.edu.au/ or email: engineering@uow.edu.au or hbs_central@uow.edu.au

Bachelor of Engineering – Bachelor of Science

Testamur Title:	Bachelor of Engineering – Bachelor of Science
Abbreviation:	BE-BSc
My University:	Engineering, Flexible Entry, Civil, Environmental, Materials, Mechanical, Mechatronic, Mining, Science, Biological Sciences, Chemistry, Geology, Geosciences, Human Geography and Physical Geography, Conservation Biology, Environment, Land and Heritage Management, Medical Biotechnology, Medicinal Chemistry and Nanotechnology
Duration:	5 years full-time or part-time equivalent
Total Credit Points:	264
Delivery Mode:	On campus (Face-to-face)
Starting Session(s):	Autumn/Spring
Location:	Wollongong
UOW Course Code:	750
UAC Code:	751624
CRICOS Code:	031277C

Overview

The University of Wollongong offers double degree courses in Science and Engineering over five years of full-time or eight years of part-time study, leading to the degrees of Bachelor of Engineering and Bachelor of Science.

These courses provide education in the discipline of Engineering together with a major study in Science to broaden the knowledge base of the graduate, thereby enhancing career prospects. The Engineering courses are accredited by Engineers Australia.

Requirement for admission to the double degree is a ATAR or equivalent which is equal to or greater than the rank required for admission to the Bachelor of Science or Bachelor of Engineering, whichever is the higher. English and Mathematics pre-requisites for both degrees must be satisfied.

Entry Requirements/Assumed Knowledge

The approximate ATAR required for entry into this course is 80. Assumed knowledge: Any two units of English plus Mathematics. Recommended studies: Physics, Chemistry and Mathematics Ext. 1. For International students the English language entry criteria will be as indicated on the University Website: www.uow.edu.au/future/interantional/apply/english/index.html

Course Requirements – Bachelor of Science

Students enrolled in the Bachelor of Science must satisfactorily complete subjects having a value of at least 90 credit points selected from the Science Schedule, which includes either a Science or Engineering major, together with subjects having a value of at least 54 credit points prescribed by one of the Engineering programs.

Of the above specified 144 credit points required for the Science degree:

- at least 72 credit points, including a major study, shall be Science subjects or Engineering Physics subjects; and
- no more than 60 credit points shall be for 100-level subjects.

Students enrolled in the Bachelor of Science who satisfy entry requirements may subsequently enrol in the Honours degree of Bachelor of Science, as set out in the Award Rule 125.

Course Requirements – Bachelor of Engineering

Students enrolled in the Bachelor of Engineering must complete a total of 192 credit points. Of the 192 credit points, 174 credit points must be Engineering subjects taken from the following:

Bachelor of Engineering - Core Subjects

plus the subjects leading to one of these Engineering degrees:

Bachelor of Engineering - Civil Engineering

Bachelor of Engineering - Environmental Engineering

Bachelor of Engineering - Materials Engineering

Bachelor of Engineering - Mechanical Engineering

Bachelor of Engineering – Mechatronic Engineering

Bachelor of Engineering - Mining Engineering

A candidate must complete at least 12 weeks of approved professional engineering experience during the course. A part-time candidate in approved full-time engineering employment may be exempted from up to three specified subjects in accordance with the provisions of the Professional Options subjects, thereby enabling the joint course to be completed in a shorter time.

All students must discuss their Engineering program with the relevant Sub Dean.

Other Information

Further information is available at http://coursefinder.uow.edu.au/ or email: engineering@uow.edu.au or science_office@uow.edu.au

Bachelor of Engineering – Bachelor of Science

Testamur Title:	Bachelor of Engineering Bachelor of Science
Abbreviation:	BE-BSc
My University:	Electrical Engineering, Computer Engineering, Telecommunications Engineering, Science, Biological Sciences, Chemistry, Geology, Geosciences, Human Geography and Physical Geography, Conservation Biology, Environment, Land and Heritage Management, Medical Biotechnology, Medicinal Chemistry and Nanotechnology
Duration:	5 years full-time or part-time equivalent
Total Credit Points:	264
Delivery Mode:	On Campus (Face-to-Face)
Starting Session(s):	Autumn/Spring
Location:	Wollongong
UOW Course Code:	739
UAC Code:	751621
CRICOS Code:	028398J

Overview

There is a high demand in industry and commerce for quality graduates who have expertise in more than one discipline. The double degree program Bachelor of Engineering - Bachelor of Science combines the aims of the Bachelor of Engineering with those of the Bachelor of Science. It offers the opportunity for professional engineering students, who have a flair for the sciences, for example, physics, to combine their interest with their professional engineering studies in computer, electrical or telecommunications engineering. It is likely to be of particular interest to those students who wish to undertake a career in research.

Please refer to the entries for the Bachelor of Engineering and the Bachelor of Science for information additional to that presented below.

Entry Requirements/Assumed Knowledge

Approximate ATAR: 90

Assumed Knowledge: Any two units of English plus Mathematics and two units of Science.

Recommended Studies: English Advanced, HSC Mathematics Extension 1, Physics and two other units of Science.

For entry requirements for students 21 and over or international students, please refer to the relevant prospectus.

Credit Exemptions

Information about Approved Credit Exemption Arrangements with domestic providers is available in the General Course Rules.

Information about Approved Credit Exemption Arrangements with international providers is available at: http://www.uow.edu.au/future/international/apply/credit/index.html

Course Requirements

The requirements for a Bachelor of Engineering degree are detailed in the Course Handbook. Students are required to satisfactorily complete the prescribed subjects including a major in one of the available areas of study:

- Electrical Engineering
- Computer Engineering
- Telecommunications Engineering

Normally a double degree program requires students to complete 264 credit points; in some cases, however, depending upon the program of study chosen, this number may be exceeded.

The choice of Science subjects will be constrained by the requirements for a Bachelor of Science degree as set out in the Bachelor of Science entry in the Course Handbook and is subject to the approval of the Head of the School of Electrical, Computer and Telecommunications Engineering and the Head of the School of Engineering Physics or the Sub-Dean, Faculty of Science.

It is a requirement of the Bachelor of Engineering - Bachelor of Science that all students enrolled maintain a weighted average mark of 67.5% or better throughout the course or they will be transferred to the Bachelor of Engineering Course.

Professional Experience

All Bachelor of Engineering students will need to complete ECTE399 Professional Experience.

This is a zero credit point subject that requires students to undertake a minimum 12 weeks industry experience at an approved professional placement. This should be completed preferably in the period between Years 3 and 4 and be documented in the form of an employment report.

Honours

To be eligible for Bachelor of Engineering (Honours), students must complete ECTE451 Engineering Project 1 (6 credit points) AND ECTE458 Engineering Project 2 (12 credit points) in their final year of study.

The degree of Bachelor of Engineering (Honours) will be awarded on the basis of overall performance throughout the course and the subsequent completion of the requisite subjects as listed above.

The classes of Honours that may be awarded are Class I; Class II Division 1; Class II Division 2 as defined in the Course Rules.

Please refer to the Bachelor of Science entry for detail regarding the Bachelor of Science (Honours).

Professional Recognition

The Bachelor of Engineering Computer and Electrical Engineering Majors are accredited by Engineers Australia and the Singapore Professional Engineers Board.

The Bachelor of Engineering Telecommunications Engineering Major is accredited by Engineers Australia.

Other Information

With the approval of the Head of the School of Electrical, Computer and Telecommunications Engineering and the Sub-Dean of the Faculty of Science, students who have completed the recommended first year program of the Bachelor of Engineering (Electrical, Computer or Telecommunications Engineering Majors) and who have gained a weighted average mark of 67.5% or better may transfer to the Bachelor of Engineering - Bachelor of Science.

Further information is available from the School of Electrical, Computer and Telecommunications Engineering on +61 2 4221 3065.

Course Program

To qualify for the degrees of Bachelor of Engineering and Bachelor of Science a candidate must complete satisfactorily and independently each of (a) and (b) as follows:

a) all subjects prescribed for the Bachelor of Engineering, (replacing MATH283 Advanced Engineering Mathematics and Statistics with MATH201 Multivariate and Vector Calculus and MATH202 Differential Equations 2) and having a value of 198 credit points;

b) Subjects selected from the Science/Physics Schedule having a value of at least 60 credit points of study, of which no more than 18 credit points shall be for 100-level subjects.

To qualify for the award of the degree of Bachelor of Science only, a candidate must satisfy requirements as specified in the Faculty of Science entry for this course.

Study Program

The Bachelor of Engineering (Electrical, Computer or Telecommunications Engineering) program of study is common for all majors until Year 3. Students are required to enrol in the program of study that satisfies their chosen major area of study for years 4 and 5.

The recommended program requires students to satisfactorily complete the first year before beginning the third year and the second year before beginning the fifth year (with the approval of the Head of School, or delegate, these requirements may be waived under special circumstances).

Core Subjects

The following subjects are compulsory unless otherwise advised.

Year 1

Students should complete the following subjects in their first year of enrolment:

Subjects		Session	Credit Points
ECTE171	Electrical Engineering Practice	Autumn	6
CSCI191	Engineering Programming 1	Autumn	6
MATH187	Mathematics 1: Algebra and Differential Calculus	Autumn	6
PHYS141	Fundamentals of Physics A	Autumn	6
CSCI192	Engineering Programming 2	Spring	6
ECTE170	Introduction to Circuits and Devices	Spring	6
MATH188	Mathematics 2: Series and Integral Calculus	Spring	6
PHYS142	Fundamentals of Physics B	Spring	6

Year 2

Students should complete the following subjects in the second year of their enrolment:

ECTE202	Circuits and Systems	Annual	6
ECTE233	Digital Hardware	Autumn	6
MATH201	Multivariate and Vector Calculus	Autumn	6
ECTE222	Power Engineering 1	Autumn	6
ECTE203	Signals and Systems	Spring	6
ENGG291	Engineering Fundamentals	Spring	6
MATH202	Differential Equations 2	Spring	6
Choice of 100/200-level Science Subjects		Autumn/Spring	12

Year 3

Students should enrol in the following subjects in the third year of their enrolment:

ECTE250	Engineering Design and Management 2	Annual	6
ECTE344	Control Theory	Autumn	6
ECTE363	Communication Systems	Autumn	6
STAT231	Probability and Random Variables	Autumn	6
ECTE212	Electronics	Spring	6
200/300-level Science Subjects		Autumn/Spring	24

Students are required to enrol in subjects in Year 4 and Year 5 according to their chosen major. Students are to select from one of the following Bachelor of Engineering major areas of study.

Year 4

Electrical Engineering Major

Students studying the Electrical Engineering Major should enrol in the following subjects in the fourth year of their enrolment:

ECTE333	Microcontroller Architecture and Applications	Annual	6
ECTE350	Engineering Design and Management 3	Annual	6
ECTE301	Digital Signal Processing	Autumn	6
ECTE323	Power Engineering 2	Spring	6
ECTE364	Data Communications	Spring	6
ECTE399 Professional Experience		Autumn/Spring	0
1 General Schedule Subject*		Autumn/Spring	6
300-level Science Subjects		Autumn/Spring	24

Computer Engineering Major

Students studying the Computer Engineering Major should enrol in the following subjects in the fourth year of their enrolment:

ECTE333	Microcontroller Architecture and Applications	Annual	6
ECTE350	Engineering Design and Management 3	Annual	6
ECTE301	Digital Signal Processing	Autumn	6
CSCI213	Java Programming and Applications	Spring	6
ECTE364	Data Communications	Spring	6
ECTE399	Professional Experience	Autumn/Spring	0
1 General Schedule Subject*		Autumn/Spring	6
300-level Science Subjects		Autumn/Spring	24

Telecommunications Engineering Major

Students studying the Telecommunications Engineering Major should enrol in the following subjects in the fourth year of their enrolment:

ECTE333	Microcontroller Architecture and Applications	Annual	6
ECTE350	Engineering Design and Management 3	Annual	6
ECTE301	Digital Signal Processing	Autumn	6
ECTE364	Data Communications	Spring	6
ISIT201	Information and Communication Security	Spring	6
ECTE399	Professional Experience	Autumn/Spring	0
1 General Schedule Subject*		Autumn/Spring	6
300-level Science Subjects		Autumn/Spring	24

Year 5#

Electrical Engineering Major

To be eligible for honours, students completing the Electrical Engineering Major should enrol as follows in their fifth year:

ECTE451	Engineering Project 1	Autumn/Spring	6
ECTE458	Engineering Project 2	Spring	12
AND			
3 Electrical Engineering Major Subjects		Autumn/Spring	18
1 Science Subject		Autumn/Spring	6
1 Elective Subject		Autumn/Spring	6

To be eligible for a pass degree (no honours), students completing the Electrical Engineering Major should enrol as follows in their fifth year:

ECTE451	Engineering Project 1	Autumn/Spring	6
3 Electrical Engineering Major Subjects		Autumn/Spring	18
1 Science Subject		Autumn/Spring	6
2 Elective Subjects		Autumn/Spring	12
1 General Schedule Subject*		Autumn/Spring	6

Computer Engineering Major

To be eligible for honours, students completing Computer Engineering Major should enrol as follows in their fifth year:

ECTE432	Computer Architecture	Spring	6
AND			
ECTE451	Engineering Project 1	Autumn/Spring	6
ECTE458 Engineering Project 2 Spring 12			
AND			
2 Computer Engineering Major Subjects		Autumn/Spring	12
1 Science Subject		Autumn/Spring	6
1 Elective Subject		Autumn/Spring	6

To be eligible for a pass degree (no honours), students completing the Computer Engineering Major should enrol as follows in their fifth year:

ECTE432	Computer Architecture	Spring	6
ECTE451	Engineering Project 1	Autumn/Spring	6
2 Computer Engineering Major Subjects		Autumn/Spring	12
1 Science Subject		Autumn/Spring	6
2 Elective Subjects		Autumn/Spring	12
1 General Schedule Subject*		Autumn/Spring	6

Telecommunications Engineering Major

To be eligible for honours, students completing Telecommunications Engineering Major should enrol as follows in their fifth year:

ECTE469	Queuing Theory and Optimisation	Spring	6
AND			
ECTE451	Engineering Project 1	Autumn/Spring	6
ECTE458 Engineering Project 2 Spring 12			
AND			
2 Telecommunications Engineering Major Subjects		Autumn/Spring	12
1 Science Subject		Autumn/Spring	6
1 Elective Subject		Autumn/Spring	6

To be eligible for a pass degree (no honours), students completing the Telecommunications Engineering Major should enrol as follows in their fifth year:

ECTE469	Queuing Theory and Optimisation	Spring	6
ECTE451	Engineering Project 1	Autumn/Spring	6
2 Telecommunications Engineering Major Subjects		Autumn/Spring	12
1 Science Subject		Autumn/Spring	6
2 Elective Subjects		Autumn/Spring	12
1 General Schedule Subject*		Autumn/Spring	6

 # Refer to the entry for the Bachelor of Engineering for details of the final year requirements under each major.

Major and Specialisation Subjects

Note: Details of Final Year Major Subjects and Elective Subjects are provided in the Bachelor of Engineering Course Handbook Entry.

Subjects appearing on the Elective Subjects list will only count as either a Major Subject or an Elective Subject.

Students will not be approved to have one subject count toward both their Major and Elective requirement.

Additional Information:

**General Schedule Subjects are selected from the General Schedule and may be 100/200/300/400-level (excluding ECTE181, ECTE182, ECTE282 and ECTE283) and are subject to the approval of the Head of School or delegate.*

Other Information

Further information is available at http://coursefinder.uow.edu.au/ or email: informatics_enquiries@uow.edu.au

Bachelor of Environmental Science
Bachelor of Environmental Science Advanced

Testamur Title:	Bachelor of Environmental Science, Bachelor of Environmental Science Advanced
Abbreviation:	BEnvSc, BEnvScAdv
My University:	Science, Environmental Science, Earth Sciences, Land Resources, Life Sciences, Environmental Chemistry
Duration:	4 years full-time or part-time equivalent
Total Credit Points:	192 credit points
Delivery Mode:	On campus (Face-to-face)
Starting Session(s):	Autumn
Location:	Wollongong
UOW Course Code:	746, 746_2
UAC Code:	757612, 757618
CRICOS Code:	BEnvSc - 002256D BEnvScAdv - 071454D

Overview

The Bachelor of Environmental Science is a specialist degree designed to give students the knowledge and skills required to manage environmental issues confronting Australia and other countries. This degree aims to provide a broadly-based scientific education with a multidisciplinary approach to problem solving, covering all of the principal sciences: biology, chemistry, geography, geology and physics, together with mathematics and statistics.

In addition, the program integrates material from a wide variety of disciplines relevant to the environment and its management: engineering, management, law, science and technology studies, and philosophy. This equips students to understand the ethical, social, economic and political aspects of environmental issues as well as to be able to work alongside engineers, lawyers and other professionals

Entry Requirements

Bachelor of Environmental Science

Australian Tertiary Admission Rank (ATAR) of 85 (or equivalent). The ATAR is reviewed each year.

Bachelor of Environmental Science Advanced

Australian Tertiary Admission Rank (ATAR) of 95 (or equivalent). The ATAR is reviewed each year.

Assumed Knowledge

Mathematics plus Biology or Chemistry or Geography or Earth and Environmental Sciences. Recommended studies include four units of Science (including Biology) and Mathematics. Students who have not completed Biology and/or Chemistry at the HSC are strongly recommended to enrol in bridging courses offered in February each year.

Course Requirements

Students who have not completed HSC Mathematics at Band 4 or higher (or equivalent) are required to complete a mathematics subject (MATH151 or equivalent) normally in the first year.

Students may only count 60 credit points of 100-level subjects towards the degree.

Students must complete a minimum of 32 credit points of 300-level subjects.

Students must have a grade of Pass (not Pass Supplementary) or higher in at least 24 credit points of 300-level core subjects which form part of a Science major.

Bachelor of Environmental Science (746)

This is a prescribed program of study comprising core and optional subjects, as set out below.

Progression Requirements

Satisfactory performance must be achieved (normally a Weighted Average Mark (WAM) of 70% or greater in ENVI391/491 plus 2 strand/discipline related 300-level subjects) for entry into the fourth year of the Bachelor of Environmental Science degree. Students with a WAM below 70% in the relevant 300-level subjects may only progress into the fourth year of the Bachelor of Environmental Science with the approval of the Environmental Science Coordinator.

Students who do not gain entry into the fourth year of the Bachelor of Environmental Science degree will normally be required to transfer into the Bachelor of Science (Environment) degree.

Bachelor of Environmental Science Advanced (746_2)

Students who are eligible for this degree fulfil all the same requirements as Bachelor of Environmental Science candidates, but are also eligible for additional benefits and challenges.

Progression Requirements

To maintain a place in an Advanced degree, students are normally required to achieve a Weighted Average Mark (WAM) of at least 75%. The performance of each student will be reviewed initially by the Associate Dean after the completion of 72 credit points.

For further information refer to the Bachelor of Science Advanced (741A) or consult the Degree Coordinator.

Course Program

Subjects		Session	Credit Points
Common First Year			
BIOL104	Evolution, Biodiversity and Environment	Autumn	6
CHEM101	Chemistry 1A: Introductory Physical and General Chemistry	Autumn	6
EESC103	Landscape Change and Climatology	Autumn	6
EESC101	Planet Earth	Autumn	6
BIOL103	Molecules, Cells and Organisms	Spring	6
CHEM102	Chemistry 1B: Structure and Reactivity of Molecules for Life	Spring	6
EESC102	Earth Environments and Resources	Spring	6
EESC104	The Human Environment: Sustainability, Cities and Cultures	Spring	6
MATH151	General Mathematics 1A (if required)	Summer 2013/14	6
Common Second Year			
Autumn Session			
BIOL251	Principles of Ecology	Autumn	6
PHYS233	Introduction to Environmental Physics	Autumn	6
PHIL256	Ethics and the Environment A	Autumn	6
Select one of the following two subjects in Autumn Session.			
For students wishing to take the Life Sciences Strand in 3rd year			
BIOL105	Functional Biology of Animals and Plants	Autumn	6
For students wishing to take the Land Resources, Earth Sciences or Environmental Chemistry Strands in 3rd year			
EESC203	Biogeography and Environmental Change	Autumn	6

Spring Session			
CHEM214	Analytical and Environmental Chemistry	Spring	6
EESC202	Soils, Landscapes and Hydrology	Spring	6
EESC204	Introductory Spatial Science	Spring	6
STAT252	Statistics for the Natural Sciences	Spring	6
3rd and 4th Year – Specialisation in one of four strands:			
1. Land Resources			
2. Earth Sciences			
3. Life Sciences			
4. Environmental Chemistry			
Third Year Land Resources Strand			
EESC303	Fluvial Geomorphology and Sedimentology	Autumn	8
STS 300	The Environmental Context	Autumn	8
EESC208	Environmental Impact of Societies	Spring	6
EESC302	Coastal Environments: Process and Management	Spring	8
ENVI491	Environmental Science and Systems	Spring	8
Plus TWO subjects from the following:			
EESC201	Earth's Inferno	Autumn	6
EESC305	Remote Sensing of the Environment	Autumn	8
EESC304	Geographic Information Science	Spring	8
Third Year Earth Sciences Strand			
EESC201	Earth's Inferno	Autumn	6
EESC301	Plate Tectonics, Macrotopography and Earth History	Autumn	8
STS 300	The Environmental Context	Autumn	8
EESC306	Resources and Environments	Spring	8
ENVI491	Environmental Science and Systems	Spring	8
EESC250	Field Geology	Summer	6
Plus ONE subject from the following:			
EESC305	Remote Sensing of the Environment	Autumn	8
EESC208	Environmental Impact of Societies	Spring	6
EESC304	Geographic Information Science	Spring	8
Third Year Life Sciences Strand			
BIOL240	Biodiversity of Marine and Freshwater Organisms	Autumn	6
BIOL351	Conservation Biology	Autumn	8
EESC203	Biogeography and Environmental Change	Autumn	6
STS 300	The Environmental Context	Autumn	8
BIOL241	Biodiversity of Terrestrial Organisms	Spring	6
BIOL356	Marine and Terrestrial Ecology	Spring	8
ENVI491	Environmental Science and Systems	Spring	8
Third Year Environmental Chemistry Strand			
CHEM211	Inorganic Chemistry II	Autumn	6
CHEM212	Organic Chemistry II	Autumn	6
CHEM327	Environmental Chemistry	Autumn	8
STS 300	The Environmental Context	Autumn	8
CHEM213	Molecular Structure, Reactivity and Change	Spring	6
ENVI491	Environmental Science and Systems	Spring	8
Plus ONE subject from the following			
CHEM314	Instrumental Analysis†	Autumn	8
CHEM321	Organic Synthesis and Reactivity	Spring	8
CHEM340	Chemistry Laboratory Project	Spring	8

EESC304	Geographic Information Science	Spring	8
† Students wishing to take CHEM314 should consult the Coordinator of Environmental Science at the start of 3rd year.			
Fourth Year – Common for all strands			
ENVI403	Research Report	Annual	24
ENVE385	Environmental Engineering	Autumn	8
MGMT208	Introduction to Management for Professionals A	Autumn	6
LAW 380	Law for Environmental Managers	Spring	8

Honours

The degrees of Bachelor of Environmental Science Honours and Bachelor of Environmental Science Advanced Honours are awarded for performance in third and fourth year subjects, based on a Weighted Average Mark (WAM) formula in accordance with Method 3 in the General Course Rules Section 8.

Professional Recognition

Graduates are eligible for full membership of the Environment Institute of Australia & New Zealand and other relevant professional bodies depending on their disciplinary orientation.

Further Information

Further information is available at http://coursefinder.uow.edu.au/ or email: science-enquiries@uow.edu.au

Bachelor of Exercise Science and Rehabilitation

Testamur Title:	Bachelor of Exercise Science and Rehabilitation
Abbreviation:	BExScRehab
My University:	Exercise Science, Rehabilitation
Duration:	4 years full-time or part-time equivalent
Total Credit Points:	192
Delivery Mode:	On-campus
Starting Session(s):	Autumn
Location:	Wollongong
UOW Course Code:	851_2
UAC Code:	757643
CRICOS Code:	016112E

Overview

The Bachelor of Exercise Science and Rehabilitation aims to produce Exercise Physiologists who have strong clinical and professional skills, underpinned by sound scientific knowledge of human structure and function. As accredited Exercise Physiologists, graduates can utilise exercise to maintain and improve health and fitness, as well as rehabilitate individuals after injury or disease. Graduates are eligible for accreditation as an Allied Health Professional with organisations such as Medicare, Work Cover, and private health insurers.

Entry Requirements / Assumed Knowledge

Domestic school leavers are assumed to have completed any two units of English, plus four units of Science and/or Maths. Students without Chemistry are encouraged to undertake a bridging course at UOW in February prior to commencing their studies.

International students are required to have achieved an overall IELTS score of 6.5, with a minimum level of 6.5 in all bands of reading, writing, speaking and listening.

Note that this degree has a compulsory clinical placement in Year 4. Any student going on placement in NSW Health facilities will need to comply with the relevant occupational screening policy and vaccination requirements before placement. NSW Health can provide details of necessary vaccinations. In order to enrol in professional practice subjects, all UOW BExScRehab students must provide a completed National Criminal Record Check and a Prohibited Employment Declaration Form. For further information, refer to the Additional Information section.

Course Requirements

The Bachelor of Exercise Science and Rehabilitation requires the successful completion of 192 credit points of subjects in accordance with the course structure and recommended subject progression table below.

Students will need to achieve a minimum of credit average across the first two years of their program to be permitted to continue into the third and fourth years of this degree. Students failing to achieve this grade may be transferred to the BSc (Exercise Science) degree.

Subject Code	Subject Name	Session	Credit Points
Year 1			
CHEM101	Chemistry 1A: Introductory Physical & General Chemistry	Autumn	6
PSYC101	Introduction to Behavioural Science	Autumn	6
SHS 110	Human Growth, Nutrition and Exercise	Autumn	6
SHS 111	Introduction to Anatomy & Physiology I	Autumn	6
BIOL103	Molecules, Cells and Organisms	Spring	6
CHEM102	Chemistry 1B: Structure and Reactivity of Molecules for Life	Spring	6
PSYC116	Psychology of Physical Activity & Health	Spring	6
SHS 112	Introduction to Anatomy & Physiology II	Spring	6
Year 2			
BIOL213	Principles of Biochemistry	Autumn	6
MGMT102	Business Communication	Autumn	6
or			
SHS 230	Contemporary Population Health Issues	Autumn	6
SHS 211	Human Physiology II: Control Mechanisms	Autumn	6
SHS 222	Foundations of Biomechanics	Autumn	6
SHS 220	Musculoskeletal Functional Anatomy	Spring	6
SHS 221	Exercise Physiology	Spring	6
SHS 223	Clinical Biomechanics	Spring	6
STAT251	Fundamentals of Biostatistics	Spring	6
Year 3			
EXSC320	Exercise Prescription	Autumn	16
SHS 321	Advanced Exercise Physiology	Autumn	8
SHS 313	Cardiorespiratory Physiology	Spring	8
SHS 320	Motor Control and Dysfunction	Spring	8
Select one 8 credit point elective which can be any subject approved by the Course Coordinator where the student will be accepted by the Subject Coordinator; recommended subjects are:			
SHS300	Research Topics	Spring	8
SHS310	Regional Anatomy	Spring	8
SHS312	Advanced Pathophysiology	Spring	8
Year 4			
EXSC420	Clinical Exercise Physiology	Autumn	24
EXSC421	Clinical Practicum	Spring	16
EXSC422	Advanced Workplace Injury Management for Exercise Physiologists	Spring	8

Note that this degree has 500 hours of compulsory practicum experience required to be completed over the 4 years of the course; 140 of which is required to be completed in the first 3 years. The remaining 360 hours of compulsory clinical placement is completed in Spring session of the 4th year as part of the Clinical Practicum subject. In order to successfully complete the Clinical Practicum subject, students must comply with the legal requirements of the NSW Health Department. This requires all staff and students undertaking clinical placements to receive a criminal record clearance and vaccination record status check before employment or placement in any capacity in the NSW health system. For further information, refer to the Additional Information section.

Professional Recognition

The Bachelor of Exercise Science and Rehabilitation has been accredited by Exercise and Sport Science Australia (ESSA). Upon graduation, students are eligible to apply for accreditation as an Exercise Physiologist.

Contact Information

For further information please contact your Course Advisor at http://www.uow.edu.au/health/hbs_central/UOW024550.html

Additional Information

National Criminal Record Check

NSW Ministry of Health requires all students undertaking clinical placement as part of a health related course to undergo a National Criminal Record Check. The criminal record check must be obtained before a student can attend any clinical placement in a health facility. Students will be provided advice at enrolment and orientation on the process to be followed to obtain a suitable criminal record check, this includes either a National Police Certificate or a Federal Police Certificate If a student's criminal record check indicates convictions it will not necessarily exclude them from a clinical placement. Each situation will be individually assessed confidentially via a risk assessment process with NSW Ministry of Health. In addition to this, overseas students are required to obtain a Police Certificate translated in English from their home country or complete a statutory declaration.

Note that there is a cost associated with obtaining a Criminal Record Check. It is the responsibility of the student to meet this cost. All information related to this can be located on http://www.police.nsw.gov.au/about_us/structure/specialist_operations/forensic_services/criminal_records_section

Child protection legislation enacted in July 2000 requires each student to complete and sign a Prohibited Employment Declaration for each clinical placement. The relevant forms will be provided to you as needed.

For further information on Criminal Record Checks visit Student Clearances for Clinical Placements - NSW Department of Health.

Vaccinisation against Specific Infectious Diseases

NSW Health also requires students undertaking clinical placement in health facilities to be compliant with certain vaccinations to ensure the safety of both students and patients. This information will be provided at enrolment and orientation.

For further information on compliance with Infectious Diseases requirements please visit http://www.health.nsw.gov.au/publichealth/immunisation/ohs/.

Fee Information

For tuition fee information please see the following:

Domestic - www.uow.edu.au/student/finances/index.html

International - www.uow.edu.au/future/international/apply/fees/

Bachelor of Health Science in Indigenous Health Studies

Testamur Title:	Bachelor of Health Science in Indigenous Health Studies
Abbreviation:	BHlthScInd
My University:	Indigenous, Community, Health
Duration:	3 years full-time or part-time equivalent
Total Credit Points:	144
Delivery Mode:	On-campus, Flexible Delivery*
Starting Session(s):	Autumn, Spring
Location:	Wollongong
UOW Course Code:	786_2
UAC Code:	756632
CRICOS Code:	066320E

Overview

The Bachelor of Health Science in Indigenous Health Studies is open to both Indigenous and non-Indigenous students and provides students interested in the health of Aboriginal and Torres Strait Islander people with the knowledge and skills to effectively address Aboriginal Community health issues.

Areas covered include: community health, community development, cultural issues, comparative Indigenous health issues and Indigenous health research.

This course also complements study in related areas, for example Aboriginal Studies, Population Health, Psychology, Sociology and Education.

The Woolyungah Indigenous Centre will assist students with providing tutors and access to support staff and resources.

The course coordinator and the support staff at the Woolyungah Indigenous Centre will help you find the best method of study to achieve your goals.

Entry Requirements / Assumed Knowledge

Domestic school leavers are recommended to have completed 2 units of Aboriginal Studies at HSC level. Alternative pathways exist for mature age domestic students. Even if you have not completed the current NSW HSC (or equivalent) in full, or you did not receive the required entry mark, you may still qualify for admission.

**Flexible delivery is an option for those students who have completed an Advanced Diploma at the Aboriginal Health College.*

Course Requirements

The Bachelor of Health Science in Indigenous Health Studies requires the successful completion of 144 credit points in accordance with the table below.

Subject Code	Subject Name	Session	Credit Points
NMIH101	Effective Communication in Health Care Relationships	Autumn	6
NMIH242	Functional Community Structures	Spring	6
NMIH205	Cultural Competence in Health Care Practice	Spring	6
NMIH243	Comparative Indigenous Health Issues	Not offered in 2013	6
NMIH240	Current Services in Aboriginal Health	Autumn	6
NMIH341	Research in Indigenous Health	Not offered in 2013	6
NMIH343	Indigenous Community Development: Mental Health Issues	Not offered in 2013	6
NMIH327	Health and Human Ecology	Autumn	6
NMIH344	Community Health: Environmental Issues	Spring	6
Plus at least 12 credit points to be selected from:			
INDS150	Introduction to Indigenous Australia	Autumn	6
INDS200	Identity, History and Contested Knowledge	Autumn	8
INDS300	Indigenous Peoples and Decolonisation: Global Perspectives	Spring	8

A further 78 credit points of subjects chosen in consultation with the Undergraduate Indigenous Health Coordinator and approved by the Head of School. For students enrolled in the AH786 instance by flexible delivery will complete 72 credit points over 3 sessions.

Minor Study Areas

- Indigenous Health Studies

Non-Indigenous health studies students can complete a minor study in Indigenous Health Studies. A minor in Indigenous Health Studies will consist of at least 24 credit points in subjects with the prefix 'NMIH' from the course structure of the Bachelor of Science in Indigenous Health Studies degree. At least 12 credit points will be at 200 level or higher. NMIH101 may not count towards the minor study. Subjects in the minor may not be cross-counted towards any other minor or major study. As not all subjects of the minor study are on offer each year, students are advised to first consult with the Indigenous Health Studies Course Coordinator about an appropriate pattern of study.

Minor studies are also offered in:

- Psychology (See Bachelor of Arts page in this handbook for further information)
- Introduction to Public Health (See Bachelor of Public Health page in this handbook for further information)

English Language and Linguistics Elective Subjects

The University offers a number of English Language and Linguistic (ELL) subjects in both Autumn and Spring sessions for both English-Speaking Background students and Non-English Speaking Background students.

Professional Recognition

Completion of the TAFE Advanced Diploma is linked to the Aboriginal Health Worker Award.

Employment Opportunities

Job opportunities exist in the community sector, working in Aboriginal Medical Services or with State or Federal health agencies. You may be interested in working in a rural or remote community or in community development, health promotion, planning or policy.

Whatever your choice, this degree will help you achieve your goals. Many of our students are already employed well before the completion of their degree.

Contact Information

For further information please contact your Course Advisor at http://www.uow.edu.au/health/hbs_central/UOW024550.html.

Other Information

Other information is available at http://coursefinder.uow.edu.au/

Bachelor of Information Technology

Testamur Title:	Bachelor of Information Technology
Abbreviation:	BIT
My University:	eBusiness, Network Design and Management, Social Policy, Web Design & Development
Duration:	3 years full-time or part-time equivalent
Total Credit Points:	144
Delivery Mode:	On campus (Face-to-face)
Starting Session(s):	Autumn/Spring
Location:	Wollongong, SIM Singapore
UOW Course Code:	1807
UAC Code:	754300 (eBusiness)
	754301 (Network Design and Management)
	754302 (Social Policy)
	754303 (Web Design and Development)
CRICOS Code:	061445K

Overview

The Bachelor of Information Technology has a common core structure that offers graduates key skills required for any IT professional such as: organisational areas in IT; database management; programming; information systems analysis and design; communications and networks; security; eBusiness; project management; web-based technology; and professional practice in IT. The Bachelor of Information Technology presents the latest findings and contemporary

practices from around the globe via a multi-disciplinary degree. Graduates are flexible, technology literate and responsive to organisational and social change.

Students are able to choose from the following majors:

eBusiness - Conducting business online is increasingly an essential feature of any organisation's operations; the challenges are faced by integrating adaptive business solutions that exploit evolving technologies. This major provides students with an understanding of the organisational environment and a working knowledge of the technologies used successfully in the eBusiness environment.

Network Design and Management - Every major company in the world now relies on networks to survive. A major in network design and management develops the skills necessary to build or manage networks to support businesses and governments in a competitive global market.

Social Policy - Businesses and governments around the world are struggling to develop policies on emergent issues, including privacy, hacking and computer crime. A major in social policy develops an understanding of these and other social issues associated with the growth of ICT and the web.

Web Design & Development – Compared to any other technological adoption, the take up of the web is exploding at a rate unprecedented in human history. The web design major is aimed at increasing students' knowledge about the web and providing them with skills highly sought in the ICT industry. These skills range from managing complex database-driven e-business systems, through performing business analysis, to manipulating client and server side scripting.

Entry Requirements / Assumed Knowledge

Approximate ATAR: 75

Assumed Knowledge: Any two units of English

For entry requirements for students 21 and over or international students, please refer to the relevant prospectus.

Credit Arrangements

Information about Approved Credit Transfer Arrangements with domestic providers is available at:

http://www.uow.edu.au/handbook/generalcourserules/UOW028672.html

Information about Approved Credit Transfer Arrangements with international providers is available at:

http://www.uow.edu.au/future/international/apply/credit/index.html

Course Requirements

A candidate must satisfactorily complete the following requirements to be eligible for a Bachelor of Information Technology:

1. at least 144 credit points of subjects including:
   a. the fourteen (14) core subjects (90cp) listed below;

Subjects		Session	Credit Points
ISIT100	Systems Analysis	Spring	6
ISIT102	Information Systems	Autumn	6
ISIT105	Communications and Networks	Autumn	6
ISIT111	Programming Concepts	Autumn/Spring	6
ISIT112	Database	Spring	6
ISIT114	Object Oriented Programming	Spring	6
MATH179	Introductory Business Mathematics	Spring	6
ISIT201	Information and Communication Security Issues	Spring	6
ISIT204	Principles of e-Business	Autumn	6
ISIT206	Web Technologies	Autumn	6
ISIT218	Systems Design and Human Computer Interaction	Autumn	6
ISIT301	Professional Practice and Ethics	Autumn	6
ISIT311	Database Management Systems	Autumn	6
And either			
ISIT351	Information Technology Project	Annual	12
or			
ISIT318	Information Systems Project	Annual	12

b. at least four (4) subjects (24cp) selected from BIT electives lists;

c. at least two (2) subjects (12cp) selected from the BIT options list;

d. The remaining credit points can be taken from the BIT electives lists, BIT options list or the General Schedule.

2. All candidates must complete ISIT200 Industry Placement, which is a single 8-week period of approved industry placement, assessed in the form of written reports. ISIT200 must be completed before graduation. The placement will normally be undertaken in the summer session at the end of the second year, although enrolment in this subject in year 1 is strongly encouraged.
3. To be awarded with a major, a candidate must satisfactorily complete the core plus four (4) subjects (24cp) listed for that major
4. To be awarded with a double major, candidates must ensure that four of the subjects selected satisfy the requirements of one major and that a separate set of four subjects satisfy the requirements of a second major, i.e. any subject counted towards one major cannot also be counted towards a second major.

Areas of Major Study

Candidates enrolled in this degree may choose to major in:

e-Business

Social Policy

Network Design and Management

Web Design and Development

Computing (No intake for this major in 2013 at the UoW Wollongong Campus. This is under review)

Students may also combine any two of the above majors as a double major (excluding the computing major). To be awarded with a double major, candidates must ensure that four of the subjects selected satisfy the requirements of one major and that a separate set of four subjects satisfy the requirements of a second major, i.e. any subject counted towards one major cannot also be counted towards a second major.

Suggested Program of Study

See http://www.uow.edu.au/informatics/sisat/prospective/UOW038773.html

e-Business

All of the core subjects plus the four subjects listed below:

Subjects		Session	Credit Points
ISIT206	Web Technologies	Autumn	6
ISIT208	Strategic Systems Management	Spring	6
ISIT306	Strategic e-Business Solutions	Autumn	6
ISIT332	Business Process Management	Spring	6

Social Policy

All of the core subjects plus the four subjects listed below:

Subjects		Session	Credit Points
ISIT203	Social Informatics & the Workplace	Spring	6
ISIT205	Social Impact of Technology	Autumn	6
ISIT313	Corporate Responsibility and IT	Autumn	6
ISIT326	Social Policy and IT	Spring	6

Network Design and Management

All of the core subjects plus the four subjects listed below:

Subjects		Session	Credit Points
ECTE182	Internet Technology 1	Spring	6
ISIT212	Corporate Network Planning and Design	Spring	6
ISIT302	Corporate Network Management	Autumn	6
CSCI322	Systems Administration	Spring	6

Web Design and Development

All of the core subjects plus the four subjects listed below:

Subjects		Session	Credit Points
ISIT206	Web Technologies	Autumn	6
ISIT207	Web Programming I	Spring	6
ISIT307	Web Programming II	Autumn	6
ISIT315	Web Modelling	Spring	6

Computing*

All of the core subjects listed in the Bachelor of Computer Science plus the subjects listed below:

Subjects		Credit Points
CSCI205	Software Development Methods and Tools	6
CSCI213	Java Programming and Applications	6
CSCI235	Databases	6
CSCI311	Software Process Management	6
CSCI315	Database Design and Implementation	6
CSCI322	Systems Administration	6
CSCI324	Human Computer Interface	6
IACT301	Information and Communication Security Issues	6
ISIT302	Corporate Network Management	6

**No intake for the Computing major in 2013 at the UoW Wollongong Campus.*

BIT Electives List

Subjects		Session	Credit Points
ISIT203	Social Informatics & the Workplace	Spring	6
ISIT205	Social Impact of Technology	Autumn	6
ISIT207	Web Programming I	Spring	6
ISIT208	Strategic Systems Management	Spring	6
ISIT212	Corporate Network Planning and Design	Spring	6
ISIT302	Corporate Network Management	Autumn	6
ISIT306	Strategic e-Business Solutions	Autumn	6
ISIT307	Web Programming II	Autumn	6
ISIT313	Corporate Responsibility and IT	Autumn	6
ISIT315	Web Modelling	Spring	6
ISIT326	Social Policy and IT	Spring	6
ISIT332	Business Process Management	Spring	6
ECTE181	WWW Engineering	Not on offer in 2013	6
ECTE182	Internet Technology 1	Spring	6
ECTE281	Embedded Internet Systems	Not on offer in 2013	6
ECTE283	Internet Technology 2	Not on offer in 2013	6
CSCI322	Systems Administration	Spring	6

BIT Options List

Subjects		Session	Credit Points
ACCY111	Accounting Fundamentals in Society	Autumn/Spring	6
ACCY112	Accounting in Organisations	Autumn/Spring	6
ECON101	Macroeconomic Essentials for Business	Autumn/Spring	6
ECON111	Introductory Microeconomics	Autumn/Spring	6
MARK101	Marketing Principles	Autumn/Spring	6

MGMT102	Business Communications	Autumn/Spring	6
MGMT110	Introduction to Management	Autumn/Spring	6

Professional Recognition

The Bachelor of Information Technology is accredited by the Australian Computer Society as meeting requirements for membership at a 'Professional level'.

Other Information

Further information is available at http://coursefinder.uow.edu.au/ or email: Informatics - informatics_enquiries@uow.edu.au

Bachelor of Information Technology (Dean's Scholar)

Testamur Titles of Degree:	Bachelor of Information Technology (Dean's Scholar)
Abbreviations:	BIT(Dean's Schol)
My University:	eBusiness, Network Design and Management, Social Policy, Web Design & Development
Delivery Mode:	On campus (Face-to-face)
Starting Session(s):	Autumn
Location:	Wollongong
UOW Course Code:	1803 - BIT(Dean's Scholar)
UAC Codes:	754310
CRICOS Codes:	Same as normal degree program

Overview

The Dean's Scholar degree offers a challenging and enriched educational experience for high-achieving students who want to perform above the level normally expected. The Degree also encourages students to continue their studies through the completion of Honours and research degrees. A limited number of students from across the Faculty are admitted to the program each year, selected from new students with a base rank ATAR of at least 93 or from current students enrolled in an Informatics degree. Current Informatics students who have achieved a Weighted Average Mark (WAM) of 80 at the end of one year of full-time study within the Faculty, may apply to transfer into the Dean's Scholars program.

Dean's Scholars will complete all requirements for their respective degrees and, where possible, may be permitted to take an accelerated program after their first session. Dean's Scholars will receive special privileges and the programs are a distinction easily recognisable to future employers, giving you an edge in competitive employment situations. Dean's Scholars are encouraged to contribute to the scholarly life of the Faculty through events in the Faculty's postgraduate program.

Dean's Scholars will receive individual mentoring and the following privileges:

- $500.00 per annum book allowance (issued as $250 per semester)
- Extended library access
- Free print quota (up to 250 pages per session maximum)
- Free SECTE laboratory kits each session
- Access to accelerated program (where possible)
- Access to an academic mentor – a member of academic staff who advises you on matters concerning your degree
- Opportunity for summer internship (equivalent to the summer scholarships)
- Alignment of the major or honours thesis project with a research project in the assigned research centre.
- Opportunity to improve public speaking skills through 6 monthly membership to UOW Toastmasters program.

Entry Requirements / Assumed Knowledge

ATAR: The Dean's Scholars programs in the listed degrees will be available to students with a base ATAR of above 93, with a limited intake across the Faculty per annum.

Current students (in non-Dean's Scholar degrees listed) are eligible to apply to transfer to the Dean's Scholars program providing they perform to the standard of a WAM of 80 for a full-time load over two (2) sessions. This also applies to students who are not commencing immediately after completing year 12, including those aged 21 years and over or international students. Transfers will only be approved for students who have completed no more than half of their degree (including credit transfers).

Applications

To apply for the Dean's Scholars programs, new students should include the relevant degree as one of your UAC preferences (see the UAC guide for the appropriate code). New and current students also need to complete and submit the following application forms by the closing dates (students who apply may be contacted by the University prior to admission):

Applications for new students (click here for application form) close on 30 September and for current students wishing to transfer (click here for application) close on 31 December and 30 June.

Course Requirements/Eligibility

Course programs for the Dean's Scholar degrees are identical to the current non-Dean's Scholar degrees offered by the Faculty – see relevant Handbook entries.

Bachelor of Information Technology

Continuation in the Dean's Scholar degrees will normally be dependent on the student achieving a WAM of at least 75 in each year of study. Students who do not meet the required average will be transferred to the equivalent non-Dean's Scholar degree.

Please note that the Dean's Scholars Program is not offered to part-time students and is only available to International Students who are eligible to apply through UAC (for new students), or who have completed one year of full-time study at UOW (for current students). The program is not offered for double degrees and is not a scholarship.

Other Information

Further information is available at http://coursefinder.uow.edu.au/ or email: informatics_enquiries@uow.edu.au

Bachelor of Information Technology Honours

Testamur Title:	Bachelor of Information Technology Honours
Abbreviation:	BIT(Hons)
My University:	Informatics
Duration:	1 year full-time or part-time equivalent
Total Credit Points:	48
Delivery Mode:	On campus (Face-to-face)
Starting Session(s):	Autumn/Spring
Location:	Wollongong
UOW Course Code:	1811
UAC Code:	NA
CRICOS Code:	064124C

Overview

This course is an add-on Honours program, intended to follow on from the BIT.

Students who successfully complete this course will have a good understanding of the research process and will have applied that process to a small but significant research project. They will also have studied a number of coursework subjects, predominantly in the area of IS and IT management. This will significantly extend the skills developed in their undergraduate degree.

Successful graduates will be ideally qualified to follow one of three paths:

1. -continue in academia, most probably via a PhD or research Masters degree or
2. -enter industry and work in research and development or
3. -enter industry and rapidly move into a minor management role.

Entry Requirements / Assumed Knowledge

To be accepted into this degree you must hold a recognised undergraduate ICT degree with a credit average.

Course Requirements

The program of study for Bachelor of Information Technology Honours is 48 credit points and will include:

ISIT440	IT Research Methods	6cp
ISIT450	IT Research Project	18cp

24cp of coursework taken from:

ISIT401	Information Systems Strategic Planning	Spring	6cp
ISIT403	Enterprise Architecture Design	Autumn	6cp
ISIT404	Systems Integration	Spring	6cp
ISIT405	Technology Management and Innovation	Autumn	6cp
ISIT406	Information Design and Content Management	Spring	6cp
ISIT408	Information Technology Governance	Spring	6cp
ISIT409	Advanced Business Process Management	Spring	6cp
ISIT410	IT-enabled Supply Chain Management	Not on offer 2013	6cp
ISIT416	Organisational Issues & Information Technology	Autumn	6cp
ISIT417	Business Intelligence and Knowledge Management	Autumn	6cp
ISIT429	Concepts & Issues in Healthcare Computing	Spring	6cp
ISIT430	Introduction to Health Informatics	Autumn	6cp
ISIT437	Information Technology Security and Risk Management	Not on offer 2013	6cp
ISIT446	Project and Change Management	Spring	6cp
ISIT451	Web Services & Service Centred Architecture	Spring	6cp
ISIT492	Special Topics in IS and IT B	Not on offer for 2013	6cp

or other 300 and 400-level subjects as approved by the Head of School.

Honours Grades

Honours grades are calculated using Method 1, as described in the General Course Rules.

Other Information

Further information is available at http://coursefinder.uow.edu.au/ or email: informatics_enquiries@uow.edu.au

Bachelor of Information Technology - Bachelor of Laws

Testamur Title:	Bachelor of Information Technology - Bachelor of Laws
Abbreviation:	BIT-LLB
My University:	Information Technology, eBusiness, Law
Duration:	5 years full-time or part-time equivalent
Total Credit Points:	288*
Delivery Mode:	On-campus
Starting Session(s):	Autumn
Location:	Wollongong
UOW Course Code:	1845
UAC Code:	751213
CRICOS Code:	069492E

** This is a minimum figure and may vary depending on the selected major.*

Overview

Students commencing University study directly from school may enrol in a double degree course with the Bachelor of Laws. Study in another academic discipline allows students to recognise how law functions in social, economic, technical, environmental and scientific contexts. This double degree program allows students to combine the necessary knowledge and skills to be successful in the dynamic and changing world of Information Technology (IT) with the Bachelor of Laws.

For the first year of the double degree, students enrol in subjects prescribed in the table below. The first year of the LLB must be completed full-time, except where Faculty approval is given on equity grounds. In the following four years of the degree, students enrol in subjects from the Law and SISAT schedules.

Entry Requirements / Assumed Knowledge

For the Faculty of Law:

Assumed Knowledge: Any two units of English. Recommended Studies: English Advanced.

For the Faculty of Informatics:

For the Bachelor of Information Technology - refer to the relevant Faculty for entry requirements.

Credit Transfer

Students may apply for credit transfer for relevant subjects completed at approved tertiary institutions. Refer to http://www.uow.edu.au/about/policy/UOW058649.html.

Course Requirements

Students who enrol in the Bachelor of Information Technology – Bachelor of Laws, must complete each of the following:

a) all compulsory Law subjects in the sequence prescribed in the relevant Course Program;

b) elective subjects to the value of 40 credit points from the Bachelor of Laws Elective Law Schedule;

c) subjects worth at least 108* credit points from the SISAT Course Schedule or the General Schedule, including:

- i) 84 credit points of compulsory (core) subjects from the SISAT Course Schedule
- ii) 24 credit points of 300-level subjects, of which 12 credit points must be ISIT351 and
- iii) 24 credit points (4 subjects) which constitute a major

NOTE: some of the subjects which satisfy rule ii) or rule iii) will also satisfy rule i) so there is an overlap. The total number of credit points for the Bachelor of Information Technology component of the combined degree is only 108 although the sum of the credit points in rules ii) to iv) inclusive is 126.

** This is a minimum figure and may vary depending on major.*

Honours

To be eligible for the award of Bachelor of Laws Honours, a candidate must complete the elective LLB313 Legal Research Project as part of the above Course Requirements. The Honours grade will be calculated in accordance with Method 4. Refer to the University's General Course Rules (8.37), for information on the methods of calculating Honours.

As an alternative to the WAM-based Honours system, eligible students may complete an additional year of study towards the award of a Bachelor of Laws Honours by Research degree or the Bachelor of Laws Joint Honours by Research degree.

In order to be eligible for the Bachelor of Laws Honours by Research degree (an 'end-on' full year honours), students must have completed all LLB degree requirements with a WAM calculated by Method 4 of 70% or more. To be eligible for the award of Bachelor of Laws Honours by Research, a candidate must complete LLB448 Research Honours in Law in addition to the above Course Requirements. The Honours grade will be calculated in accordance with Method 1. Refer to the University's General Course Rules (8.37), for information on the methods of calculating Honours. See the Bachelor of Laws Honours by Research degree entry for further details.

In order to be eligible for the Bachelor of Laws Joint Honours by Research degree (an 'end-on' full year honours), students must have completed all requirements for their double degree with a WAM calculated by Method 4 in the University's General Course Rules (8.37) of 70% or more* in their LLB subjects and overall in order to be eligible to apply. Entry must be approved by the Associate Dean, in consultation with the LLB Honours Coordinator and the relevant authority in the other discipline. The Associate Dean shall not approve entry into this course unless the LLB Honours Coordinator and the relevant authority in the other discipline have agreed, in consultation with the student, on the program of study that will form the basis of the course curriculum for the degree. See the Bachelor of Laws Joint Honours by Research degree for further details.

** The other discipline may specify other minimum entry requirements.*

Course Program

Subjects (by year) - full-time program		Session	Credit Points
First Year			
LLB 100	Foundations of Law A	Autumn	8
LLB 110	Legal Research and Writing	Autumn	4
LLB 120	Law of Contract A	Autumn	8
LLB 130	Criminal Law and Process A	Autumn	8
LLB 150	Communication Skills	Autumn	2
LLB 140	Advocacy Skills	Spring	2
LLB 160	Foundations of Law B	Spring	8
LLB 170	Law of Contracts B	Spring	8
LLB 180	Criminal Law and Process B	Spring	8
LLB 197	Lawyers and Australian Society	Spring	6
Second Year			
LLB 220	Property and Trusts A	Autumn	8
LLB 230	Public Law A	Autumn	8
LLB 270	Property and Trusts B	Spring	8
LLB 280	Public Law B	Spring	8
Subjects from Bachelor of Information Technology schedule			
Third Year			
LLB 240	Law of Torts	Autumn	8
LLB 260	Dispute Management Skills	Autumn	2
LLB 250	Drafting Skills	Spring	2
LLB 290	Legal Theory	Spring	8
LLB 397	Legal Internship	Autumn/Spring	2
Subjects from Bachelor of Information Technology schedule			
Fourth Year			
LLB 300	Remedies and Procedure	Autumn	8
LLB 302	Law of Business Organisations	Autumn	8
LLB 301	Evidence	Spring	8
2 LLB Electives		Spring	16
Subjects from Bachelor of Information Technology schedule			
Fifth Year			
2 LLB Electives		Autumn	16
1 LLB Elective		Spring	8
Subjects from Bachelor of Information Technology schedule			

Majors

Majors are NOT available in the Bachelor of Laws degree. Refer to the SISAT Course Schedule for majors available in the Bachelor of Information Technology degree.

Electives

Students must successfully complete elective subjects to the value of 40 credit points from the Bachelor of Laws Elective Law Schedule – see Bachelor of Laws (Graduate Entry).

Other Information

Further information is available at http://coursefinder.uow.edu.au/ or email: Law: law-enquiries@uow.edu.au; Information Technology: informatics_studenq@uow.edu.au

Bachelor of International Studies

Testamur Title:	Bachelor of International Studies
Abbreviation:	BIntlSt
My University:	Asia Pacific Studies, Australian Studies, Comparative Indigenous Studies; Culture and Identities, English Literatures, English Language & Linguistics, Ethics, French, Gender Studies, Global Development and the Environment, History, Human Security, Indonesian, International Communication, International Relations, Italian, Japanese, Mandarin, Peace and Security Studies, Philosophy, Politics, Postcolonial, Resource & Environmental, Science & Technology, Sociology, Spanish, Transcultural Communication
Course Duration:	3 years full-time or part-time equivalent
Total Credit Points:	144
Delivery Mode:	On campus (Face-to-face)
Starting Session(s):	Autumn/Spring
Campus:	Wollongong
UOW Course Code:	1817
UAC Code:	753121
CRICOS Code:	064122E

Overview

The Bachelor of International Studies is an interdisciplinary degree. As its title suggests, it challenges students to think beyond the confines of traditional disciplines and seek different approaches to its central theme, International Studies. But what does 'International Studies' mean? It means the analysis, appreciation and study of the diversity of the global community. The degree reflects a growing scholarship that concentrates on processes and forces that know no national boundaries. By combining a core set of subjects, a language and an area of special study called a minor, the degree equips students with a theoretical background, a language and a specialised area of study that can help them in future careers in international organisations both overseas and in Australia, as part of the public sector or as part of non-government organisations.

Entry Requirements / Assumed Knowledge

NSW HSC entry through UAC

Students apply through UAC and satisfy the ATAR (previously UAI) requirement for the year of application.

Assumed Knowledge: Any two units of English.

Other Secondary Qualifications

Students with secondary qualifications outside NSW and without an ATAR will be considered on a case-by-case basis.

Tertiary Qualifications

Applications will be considered from students with the following tertiary qualifications:

A completed two-year Diploma or Advanced Diploma from TAFE or another accredited institution;

not less than one-sixth of a Bachelor degree from an approved University; other tertiary courses approved by the University of Wollongong.

Overseas Qualifications

Students with tertiary qualifications obtained overseas will be considered provided that they satisfy the University's minimum admission requirements.

Alternative Entry (Domestic applicants)

Applicants who achieve an appropriate score in one of the following qualifications may be considered for admission:

Overseas Year 12, equivalent to Year 12 in Australia.

TAFE Tertiary Preparation Certificate (TPC).

A Diploma or Foundation Studies Program from a recognised private institution

University Access Program (Wollongong College Australia) - for people over 21 years of age, or are 21 during the course of the program.

Special Tertiary Admissions Test (STAT) for people over 20 years of age on 1 March in the year preceding enrolment.

Indigenous and Torres Strait islander alternative entry program

Course Requirements

To qualify for award of the degree of Bachelor of International Studies course code 1817 a student must complete a total of at least 144 credit points from subjects listed in the Course Structure of the Bachelor of International Studies and other subjects as approved by the Faculty.

The 144 credit points shall include:

a) The core subjects prescribed (52 credit points) for the International Studies degree;

b) A minimum of a minor in a language other than English (minimum of 28 credit points; students may elect to take a major in a language);

c) At least one of the four minors listed in this degree: Asia Pacific Studies; Global Development and the Environment; International Communication; Peace and Security Studies (minimum of 24 credit points but no more than 32). These will normally be available in the second and third years of study. Upon graduation minors will appear on the transcript (i.e. academic record).

d) To complete the credit points required for the degree, students can take an additional minor offered in this degree or elective subjects. Students taking an additional minor as part of their degree can also choose from those minors offered in the Bachelor of Arts or those offered by other faculties provided they meet the requirements set by those faculties. Students may not cross count subjects from a nominated minor into any other minor or major.

e) Not more than 60 credit points in 100-level subjects.

f) ARTS100 Peer-2-Peer Mentoring.

Core subjects			
Students must complete all of the core subjects listed below:			
Subject Code	**Subject Name**	**Credit Points**	**Session**
INTS100	Introduction to International Studies	6	Autumn
INTS120	Shaping the Twentieth Century	6	Spring
ELL 210	Communication across cultures	8	Autumn
INTS222	Advanced International Studies	8	Autumn
SOC 326	Globalisation and Social Transformation	8	Spring
INTS310	Human Security, Global Capitalism and the Environment	8	Autumn
INTS399	International Studies in Practice	8	Autumn/Spring

Peer-2-Peer Mentoring

Peer-2-Peer Mentoring (subject code ARTS100) is a compulsory zero credit point subject that must be undertaken by each student during their first year. This subject consists of a one hour weekly tutorial during the student's first session of study. This subject is designed to enable incoming students to adapt rapidly to the tertiary environment and engage with the university community.

Students can find information at www.uow.edu.au/arts/current/artscentral/UOW087916.html

Course Program

The following is the full schedule for the degree.

Language minor

Students must complete the subjects for a minor in one of the languages listed below:

Subject Code	**Subject Name**	**Credit Points**	**Session**
French minor – minimum of 28 credit points from the subjects below			
FREN151	French IA Language	6	Autumn
FREN152	French IB Language	6	Spring
FREN251	French IIA Language	8	Autumn
FREN252	French IIB Language	8	Spring
OR			
FREN251	French IIA Language	8	Autumn
FREN252	French IIB Language	8	Spring
FREN351	French IIIA Language	8	Autumn
FREN352	French IIIB Language	8	Spring
Indonesian minor – minimum of 28 credit points from the subjects below			
INDO151	Introductory Indonesian 1A	6	Autumn

INDO152	Introductory Indonesian 1B	6	Spring
INDO251	Indonesian Language 2A Intermediate	8	Autumn
INDO 252	Intermediate Indonesian 2B	8	Spring
OR			
INDO251	Indonesian Language 2A Intermediate	8	Autumn
INDO252	Intermediate Indonesian 2B	8	Spring
INDO351	Advanced Indonesian for Non-Indonesian background Students (NCB) 3A	8	Autumn
INDO352	Advanced Indonesian 3B	8	Spring
Italian minor– minimum of 28 credit points from the subjects below			
ITAL151	Italian IA Language	6	Autumn
ITAL152	Italian IB Language	6	Spring
ITAL251	Italian IIA Language	8	Autumn
ITAL252	Italian IIB Language	8	Spring
OR			
ITAL251	Italian IIA Language	8	Autumn
ITAL252	Italian IIB Language	8	Spring
ITAL351	Italian IIIA Language	8	Autumn
ITAL352	Italian IIIB Language	8	Spring
Japanese minor– minimum of 28 credit points from the subjects below			
JAPA141	Beginners' Japanese	6	Autumn
JAPA142	Transitional Japanese	6	Spring
JAPA243	Pre-Intermediate Japanese	8	N/O 2013
JAPA261	Intermediate Japanese I	8	Autumn
OR			
JAPA142	Transitional Japanese	6	Spring
JAPA243	Pre-Intermediate Japanese	8	Spring
JAPA261	Intermediate Japanese I	8	Autumn
JAPA262	Intermediate Japanese II	8	Spring
JAPA264	Japanese IIC Language (Wollongong) OR	8	Winter
JAPA271	In-Country Japanese Session	8	Winter
JAPA361	Advanced Japanese I	8	Autumn
Mandarin minor for non - character background students minimum of 28 credit points from the subjects below			
MAND151	Chinese (Mandarin) for Beginners 1A	6	Autumn
MAND152	Chinese (Mandarin) for Beginners 1B	6	Spring
MAND251	Intermediate Chinese for Non-Chinese Background Students (NCB) 2A	8	Autumn
MAND252	Intermediate Chinese for Non-Chinese Background Students (NCB) 2B	8	Spring
OR			
MAND251	Intermediate Chinese for Non-Chinese Background Students (NCB) 2A	8	Autumn
MAND252	Intermediate Chinese for Non-Chinese Background Students (NCB) 2B	8	Spring
MAND351	Advanced Chinese for Non-Chinese Background Students (NCB) 3A	8	Autumn
MAND352	Advanced Chinese for Non-Chinese Background Students (NCB) 3B	8	Spring
Mandarin minor for character background students minimum of 28 credit points from the subjects below			

MAND161	Chinese (Mandarin) for Character Background Students (CBS) 1A	6	Autumn
MAND162	Chinese (Mandarin) for Character Background Students (CBS) 1B	6	Spring
MAND261	Intermediate Chinese for Characters Background Speakers (CBS) 2A	8	Autumn
MAND262	Intermediate Chinese for Characters Background Speakers (CBS) 2B	8	Spring
OR			
MAND261	Intermediate Chinese for Characters Background Speakers (CBS) 2A	8	Autumn
MAND262	Intermediate Chinese for Characters Background Speakers (CBS) 2B	8	Spring
MAND361	Advanced Chinese for Character Background Students (CBS) 3A	8	Autumn
MAND362	Advanced Chinese for Non-Chinese Background Students (NCB) 3B	8	Spring
Spanish minor– minimum of 28 credit points from the subjects below			
SPAN151	Spanish for Beginners 1	6	Autumn
SPAN152	Spanish for Beginners 2	6	Spring
SPAN251	Spanish Intermediate 1	8	Autumn
SPAN252	Spanish Intermediate 2	8	Spring
OR			
SPAN251	Spanish Intermediate 1	8	Autumn
SPAN252	Spanish Intermediate 2	8	Spring
SPAN351	Advanced Spanish 1	8	Autumn
SPAN352	Advanced Spanish 2	8	Spring

Degree Minor

Students must complete at least one of the degree minors below.

Asia Pacific Studies – students must complete minimum of 24 credit points but no more than 32 from the list below

Subject Code	Subject Name	Credit Points	Session
HIST201	An Ocean of History: An Introduction to the Pacific World	8	Spring
HIST202	Slavery in the Asia Pacific	8	N/O 2013
HIST252	A History of Modern China	8	Autumn
HIST255	Australia and Asia: Connections and Comparisons	8	Spring
HIST352	The Overseas Chinese: Migration and Organisation	8	N/O 2013
HIST353	Japanese History through Film	8	N/O 2013
POL 317	Politics in the South Pacific	8	N/O 2013
SOC 243	Comparative Sociology: Asian Perspectives	8	N/O 2013

Global Development and the Environment – students must complete minimum of 24 credit points but no more than 32 from the list below

Subject Code	Subject Name	Credit Points	Session
EESC205	Population Geography: a global perspective on people and place	6	Autumn
EESC208	Environmental Impact of Societies	6	Spring
PHIL258	Ethics and the Environment	8	Autumn
POL 318	The Politics of Asian Development	8	Autumn
POL 323	An Unequal World	8	N/O 2013
STS 218	Environment in Crisis	8	Spring
STS 250	Social Aspects of Genetics and Biotechnology	8	Autumn

STS 300	The Environment Context: Imagining a Zero Carbon Future	8	Autumn
International Communication – students must complete minimum of 24 credit points but no more than 32 from the list below			
Subject Code	**Subject Name**	**Credit Points**	**Session**
DIGC202	Global Networks	8	Spring
ELL 210	Communication across cultures	8	Autumn
ELL 310	World Englishes	8	Autumn
ELL 315	Using Language as Evidence	8	Spring
BCM 390	Media, War and Peace	8	Autumn
POL 224	Politics and the Media	8	Spring
POL 368	Protest and Power in America: The Sixties	8	Autumn
STS 288	Risk, Media and Communication	8	Autumn
Peace and Security Studies – students must complete minimum of 24 credit points but no more than 32 from the list below			
Subject Code	**Subject Name**	**Credit Points**	**Session**
HIST322	Twentieth Century Dictatorships	8	Spring
POL 220	An Introduction to Peacekeeping	8	Spring
POL 314	Power and the Modern State	8	Spring
POL 368	Protest and Power in America: The Sixties	8	Autumn
SOC 209	New Social Movements	8	Autumn
SOC 224	Violence, Fear and Civilisation: The Evolution of States	8	Autumn
SOC 355	Cultures in Dispossession	8	Autumn
HIST370	War and Society	8	Autumn

Internship and International Subjects

The Arts internship program provides students with an opportunity to apply the knowledge and skills acquired in their degree in a workplace setting. The internship subject ARTS301 is offered in autumn and spring sessions, all Arts students can enrol into ARTS301 providing they meet the pre-requisites. Another popular internship facilitated by the Faculty is the Politics Internships. The Politics internship subject POL 301 presents interested students with the opportunity to be an intern at Washington, New York or Canberra. Read more about the Arts Faculty Internship Program on our website www.uow.edu.au/arts/current/internships/index.html

One of the Faculty's aims is to encourage students to study in an overseas university. Students can study abroad for a full session taking three to four subjects, or can study abroad for a shorter period of time by taking a study tour. The Faculty's study tour subjects currently focus on War History and incorporate visits to Gallipoli and the Western Front. Both subjects are listed below:

HIST265	Gallipoli Study Tour	N/O 2013
HIST270	Western Front Study Tour	Winter

Honours

See separate entry for the Bachelor of International Studies Honours

The Faculty of Arts Honours Handbook can be accessed as a PDF document from the Faculty of Arts home page at: http://www.uow.edu.au/arts/

Transfer option into the BIS Dean's Scholar degree or Double Degree

In January of each year, the Faculty invites applications from high achieving students to apply to transfer into the Bachelor of International Studies Dean's Scholar degree or Double Degree.

Selection Criteria

To be eligible to apply for a place in the Bachelor of International Studies Dean's Scholar degree or Double Degree, applicants would normally meet the following criteria:

- Currently enrolled in the BIS 1817 or any other degree
- Full-time student
- Have successfully completed two full sessions of study or 8 subjects
- Have a WAM (weighted average mark) of at least 80.

For more information including the full list of Dean's Scholar degrees and to how to apply online visit: http://www.uow.edu.au/arts/current/transferdeanscholar/index.html.

Credit Arrangements

Please see General Course Rules for more information.

Assessment

Assessment in this course varies between subjects and typically includes a combination of essays, tutorial/seminar presentations, WebCT exercises and, in some subjects, in-class tests and/or exams. Some subjects may have an additional practical component. The assessment requirements of each subject are set out in the individual subject outlines, which students receive in the first week of session.

Bachelor of International Studies (Dean's Scholar)

Testamur Title:	Bachelor of International Studies (Dean's Scholar)
Abbreviation:	BIS (Dean's Schol)
My University:	Asia Pacific Studies, Australian Studies, Comparative Indigenous Studies; Culture and Identities, English Literatures, English Language & Linguistics, Ethics, French, Gender Studies, Global Development and the Environment, History, Human Security, Indonesian, International Communication, International Relations, Italian, Japanese, Mandarin, Peace and Security Studies, Philosophy, Politics, Postcolonial, Resource & Environmental, Science & Technology, Sociology, Spanish, Transcultural Communication
Duration:	3 years full-time or part-time equivalent
Total Credit Points:	144
Delivery Mode:	On campus (Face-to-face)
Starting Session(s):	Autumn/Spring
Location:	Wollongong
UOW Course Code:	323
UAC Code:	753131
CRICOS Code:	064122E

Overview

The Dean's Scholar degree provides an academic space for high-achieving International Studies students. With a limited intake of students per year, it aims to provide an enriched educational experience for high-achieving, motivated students who are hoping to make a contribution to their field of study through teaching or research, or by working as professionals in their chosen area of study.

Dean's Scholars have the opportunity to attempt subjects not normally available to first-year students. They may be granted exemption from certain first-year subjects and may be permitted extended subject loads, enabling them

to complete the degree in less than the normal time and enter Honours in their third year. Dean's Scholars have an academic mentor, a member of academic staff who undertakes to offer advice in the scholar's major area of study.

The Dean's Scholar degree is not a scholarship. Students intending to apply for a place in this degree are encouraged to apply for the University's Undergraduate, Residential, Foundation or Equity and Merit Scholarships.

Dean's Scholar students benefit from:

Access to shared study and workspace;

Yearly text book/resource allowance for full-time students;

Limited printing privileges;

Dean's Scholars lunch time seminar series (seminars are conducted by high profile academic staff as well as visiting fellows);

Opportunities to attend academic and higher degree research workshops and seminars;

End of year Dean's Scholars Annual Dinner;

Extended Library privileges.

The Sub Deans of the Faculty oversee the program and have regular meetings with the scholars. Dean's Scholars are assigned an academic mentor – a member of academic staff who nominates to advise the student on matters concerned with the degree. On successful completion of the first part of the course, Dean's Scholars will be guaranteed admission to Honours.

Dean's Scholars must undertake at least one strand from the Bachelor of International Studies as well as complete the core requirements of the degree. They may also take any of the major or minor studies areas as set out in this Handbook under the entry for the Bachelor of Arts 702.

Dean's Scholars are able to use the University's student exchange program to undertake a period of study overseas. Several Dean's Scholars have competed successfully for places in the Australian National Internship Program or the University Capitol Washington Internship Program which places students in political offices in Canberra or Washington D.C. respectively.

Entry requirements

Entry to the Bachelor of International Studies (Dean's Scholar) is based on an ATAR set by the Faculty and an interview.

Course Requirements

To qualify for award of the degree of Bachelor of International Studies Dean's Scholar course code 323 a student must complete a total of at least 144 credit points from subjects listed in the Course Structure of the Bachelor of International Studies and other subjects as approved by the Faculty.

The 144 credit points shall include:

a) The subjects prescribed for the International Studies major (50 credit points) listed in the Course Program below;

b) A minimum of a minor in a language other than English (minimum of 28 credit points; students may elect to take a major in a language).

c) At least one of the four minors listed in this degree: Asia Pacific Studies; Global Development and the Environment; International Communication; Peace and Security Studies (minimum of 24 credit points but no more than 32). These will normally be available in the second and third years of study. Upon graduation minors will appear on the transcript (i.e. academic record).

d) To complete the credit points required for the degree, students can take an additional minor offered in this degree or elective subjects. Students taking an additional minor as part of their degree can also choose from those minors offered in the Bachelor of Arts or those offered by other faculties provided they meet the requirements set by those faculties. Students may not cross count subjects from a nominated minor into any other minor or major.

e) Not more than 60 credit points in 100-level subjects.

f) maintaining an average mark of 75% or better

g) ARTS100 Peer-2-Peer Mentoring.

Peer-2-Peer Mentoring

Peer-2-Peer Mentoring (subject code ARTS100) is a compulsory zero credit point subject that must be undertaken by each student during their first year. This subject consists of a one hour weekly tutorial during the student's first session of study. This subject is designed to enable incoming students to adapt rapidly to the tertiary environment and engage with the university community.

Students can find information at www.uow.edu.au/arts/current/artscentral/UOW087916.html

Course Program

The following is the full schedule for the degree.

Core subjects			
Students must complete all of the core subjects listed below:			
Subject Code	**Subject Name**	**Credit Points**	**Session**
INTS100	Introduction to International Studies	6	Autumn
INTS120	Shaping the Twentieth Century	6	Spring
ELL 210	Communication across cultures	8	Autumn
INTS222	Advanced International Studies	8	Autumn
SOC 326	Globalisation and Social Transformation	8	Spring
INTS310	Human Security, Global Capitalism and the Environment	8	Autumn
INTS399	International Studies in Practice	8	Autumn/Spring

Peer-2-Peer Mentoring

Peer-2-Peer Mentoring (subject code ARTS100) is a compulsory zero credit point subject that must be undertaken by each student during their first year. This subject consists of a one hour weekly tutorial during the student's first session of study. This subject is designed to enable incoming students to adapt rapidly to the tertiary environment and engage with the university community.

Students can find information at www.uow.edu.au/arts/current/artscentral/UOW087916.html

Course Program

The following is the full schedule for the degree.

Language minor

Students must complete the subjects for a minor in one of the languages listed below:

Subject Code	**Subject Name**	**Credit Points**	**Session**
French minor – minimum of 28 credit points from the subjects below			
FREN151	French IA Language	6	Autumn
FREN152	French IB Language	6	Spring
FREN251	French IIA Language	8	Autumn
FREN252	French IIB Language	8	Spring
OR			
FREN251	French IIA Language	8	Autumn
FREN252	French IIB Language	8	Spring
FREN351	French IIIA Language	8	Autumn
FREN352	French IIIB Language	8	Spring
Indonesian minor – minimum of 28 credit points from the subjects below			
INDO151	Introductory Indonesian 1A	6	Autumn
INDO152	Introductory Indonesian 1B	6	Spring
INDO251	Indonesian Language 2A Intermediate	8	Autumn
INDO 252	Intermediate Indonesian 2B	8	Spring
OR			
INDO251	Indonesian Language 2A Intermediate	8	Autumn
INDO252	Intermediate Indonesian 2B	8	Spring
INDO351	Advanced Indonesian for Non-Indonesian background Students (NCB) 3A	8	Autumn
INDO352	Advanced Indonesian 3B	8	Spring
Italian minor– minimum of 28 credit points from the subjects below			
ITAL151	Italian IA Language	6	Autumn
ITAL152	Italian IB Language	6	Spring
ITAL251	Italian IIA Language	8	Autumn
ITAL252	Italian IIB Language	8	Spring

OR			
ITAL251	Italian IIA Language	8	Autumn
ITAL252	Italian IIB Language	8	Spring
ITAL351	Italian IIIA Language	8	Autumn
ITAL352	Italian IIIB Language	8	Spring
Japanese minor– minimum of 28 credit points from the subjects below			
JAPA141	Beginners' Japanese	6	Autumn
JAPA142	Transitional Japanese	6	Spring
JAPA243	Pre-Intermediate Japanese	8	N/O 2013
JAPA261	Intermediate Japanese I	8	Autumn
OR			
JAPA142	Transitional Japanese	6	Spring
JAPA243	Pre-Intermediate Japanese	8	Spring
JAPA261	Intermediate Japanese I	8	Autumn
JAPA262	Intermediate Japanese II	8	Spring
JAPA264	Japanese IIC Language (Wollongong) OR	8	Winter
JAPA271	In-Country Japanese Session	8	Winter
JAPA361	Advanced Japanese I	8	Autumn
Mandarin minor for non - character background students minimum of 28 credit points from the subjects below			
MAND151	Chinese (Mandarin) for Beginners 1A	6	Autumn
MAND152	Chinese (Mandarin) for Beginners 1B	6	Spring
MAND251	Intermediate Chinese for Non-Chinese Background Students (NCB) 2A	8	Autumn
MAND252	Intermediate Chinese for Non-Chinese Background Students (NCB) 2B	8	Spring
OR			
MAND251	Intermediate Chinese for Non-Chinese Background Students (NCB) 2A	8	Autumn
MAND252	Intermediate Chinese for Non-Chinese Background Students (NCB) 2B	8	Spring
MAND351	Advanced Chinese for Non-Chinese Background Students (NCB) 3A	8	Autumn
MAND352	Advanced Chinese for Non-Chinese Background Students (NCB) 3B	8	Spring
Mandarin minor for character background students minimum of 28 credit points from the subjects below			
MAND161	Chinese (Mandarin) for Character Background Students (CBS) 1A	6	Autumn
MAND162	Chinese (Mandarin) for Character Background Students (CBS) 1B	6	Spring
MAND261	Intermediate Chinese for Characters Background Speakers (CBS) 2A	8	Autumn
MAND262	Intermediate Chinese for Characters Background Speakers (CBS) 2B	8	Spring
OR			
MAND261	Intermediate Chinese for Characters Background Speakers (CBS) 2A	8	Autumn
MAND262	Intermediate Chinese for Characters Background Speakers (CBS) 2B	8	Spring
MAND361	Advanced Chinese for Character Background Students (CBS) 3A	8	Autumn
MAND362	Advanced Chinese for Non-Chinese Background Students (NCB) 3B	8	Spring

Spanish minor– minimum of 28 credit points from the subjects below			
SPAN151	Spanish for Beginners 1	6	Autumn
SPAN152	Spanish for Beginners 2	6	Spring
SPAN251	Spanish Intermediate 1	8	Autumn
SPAN252	Spanish Intermediate 2	8	Spring
OR			
SPAN251	Spanish Intermediate 1	8	Autumn
SPAN252	Spanish Intermediate 2	8	Spring
SPAN351	Advanced Spanish I	8	Autumn
SPAN352	Advanced Spanish II	8	Spring

Degree Minor

Students must complete at least one of the degree minors below.

Subject Code	Subject Name	Credit Points	Session
Asia Pacific Studies – students must complete minimum of 24 credit points but no more than 32 from the list below			
HIST201	An Ocean of History: An Introduction to the Pacific World	8	Spring
HIST202	Slavery in the Asia Pacific	8	N/O 2013
HIST252	A History of Modern China	8	Autumn
HIST255	Australia and Asia: Connections and Comparisons	8	Spring
HIST352	The Overseas Chinese: Migration and Organisation	8	N/O 2013
HIST353	Japanese History through Film	8	N/O 2013
POL 317	Politics in the South Pacific	8	N/O 2013
SOC 243	Comparative Sociology: Asian Perspectives	8	N/O 2013
Global Development and the Environment – students must complete minimum of 24 credit points but no more than 32 from the list below			
EESC205	Population Geography: a global perspective on people and place	6	Autumn
EESC208	Environmental Impact of Societies	6	Spring
PHIL258	Ethics and the Environment	8	Autumn
POL 318	The Politics of Asian Development	8	Autumn
POL 323	An Unequal World	8	N/O 2013
STS 218	Environment in Crisis	8	Spring
STS 250	Social Aspects of Genetics and Biotechnology	8	Autumn
STS 300	The Environment Context: Imagining a Zero Carbon Future	8	Autumn
International Communication – students must complete minimum of 24 credit points but no more than 32 from the list below			
DIGC202	Global Networks	8	Spring
ELL 210	Communication across cultures	8	Autumn
ELL 310	World Englishes	8	Autumn
ELL 315	Using Language as Evidence	8	Spring
BCM 390	Media, War and Peace	8	Autumn
POL 224	Politics and the Media	8	Spring
POL 368	Protest and Power in America: The Sixties	8	Autumn
STS 288	Risk, Media and Communication	8	Autumn
Peace and Security Studies – students must complete minimum of 24 credit points but no more than 32 from the list below			
HIST322	Twentieth Century Dictatorships	8	Spring
POL 220	An Introduction to Peacekeeping	8	Spring
POL 314	Power and the Modern State	8	Spring

POL 368	Protest and Power in America: The Sixties	8	Autumn
SOC 209	New Social Movements	8	Autumn
SOC 224	Violence, Fear and Civilisation: The Evolution of States	8	Autumn
SOC 355	Cultures in Dispossession	8	Autumn
HIST370	War and Society	8	Autumn

Internship and International Subjects

The Arts internship program provides students with an opportunity to apply the knowledge and skills acquired in their degree in a workplace setting. The internship subject ARTS301 is offered in autumn and spring sessions, all Arts students can enrol into ARTS301 providing they meet the pre-requisites. Another popular internship facilitated by the Faculty is the Politics Internships. The Politics internship subject POL 301 presents interested students with the opportunity to be an intern at Washington, New York or Canberra. Read more about the Arts Faculty Internship Program on our website www.uow.edu.au/arts/current/internships/index.html

One of the Faculty's aims is to encourage students to study in an overseas university. Students can study abroad for a full session taking three to four subjects, or can study abroad for a shorter period of time by taking a study tour. The Faculty's study tour subjects currently focus on War History and incorporate visits to Gallipoli and the Western Front. Both subjects are listed below:

HIST265	Gallipoli Study Tour	N/O 2013
HIST270	Western Front Study Tour	Winter

Honours

See separate entry for the Bachelor of International Studies Honours

The Honours Handbook can be accessed as a PDF document from the Faculty home page at: http://www.uow.edu.au/arts/

Transfer option into the BIS Dean's Scholar degree or Double Degree

In January of each year, the Faculty invites applications from high achieving students to apply to transfer into the Bachelor of International Studies Dean's Scholar degree or Double Degree.

Selection Criteria

To be eligible to apply for a place in the Bachelor of International Studies Dean's Scholar degree or Double Degree, applicants would normally meet the following criteria:

- Currently enrolled in the BIS 1817 or any other degree
- Full-time student
- Have successfully completed two full sessions of study or 8 subjects
- Have a WAM (weighted average mark) of at least 80.

For more information including the full list of Dean's Scholar degrees and to how to apply online visit: http://www.uow.edu.au/arts/current/transferdeanscholar/index.html.

Credit Arrangements

Please see General Course Rules for more information.

Assessment

Assessment in this course varies between subjects and programs, but typically can include a combination of essays, tutorial/seminar presentations, WebCT exercises and, in some subjects, in-class tests and/or exams. Some subjects may have an additional practical component. The assessment requirements of each subject are set out in the individual subject outlines, which students receive in the first week of session.

Other Information

Further information is available at http://coursefinder.uow.edu.au/ or email: fac-arts@uow.edu.au

Bachelor of International Studies Honours

Testamur Title:	Bachelor of International Studies Honours
Abbreviation:	BIntlSt(Hons)
My University:	Asia Pacific Studies, Australian Studies, Comparative Indigenous Studies; Culture and Identities, English Literatures, English Language & Linguistics, Ethics, French, Gender Studies, Global Development and the Environment, History, Human Security, Indonesian, International Communication, International Relations, Italian, Japanese, Mandarin, Peace and Security Studies, Philosophy, Politics, Postcolonial, Resource & Environmental, Science & Technology, Sociology, Spanish, Transcultural Communication
Duration:	1 year full-time or part-time equivalent
Total Credit Points:	48
Delivery Mode:	On campus (face-to-face)
Starting Session(s):	Normally Autumn, but some schools permit mid-year entry
Location:	Wollongong
UOW Course Code:	322
UAC Code:	N/A
CRICOS Code:	075097K

Overview

BIS (Hons) consists of 50% coursework and 50% research work. The coursework is divided into two subjects, each worth 12 credit points. The first subject is compulsory for all students – ARTS470, Research in the Social Sciences and Humanities; the second coursework subject is a disciplinary–specific subject, BIS 470. The research component of BIS (Hons) takes the form of a research thesis (24 credit points), devised and completed under the supervision of an academic employed in the Faculty of Arts. Co-supervision may be arranged, with the approval of the Faculty's Honours Coordinator.

Entry Requirements

Major in an Arts Faculty discipline, interdisciplinary or other field of study; achieving 75% average across the BIS Core and in the minor/s completed, including two Distinctions at 3rd year level.

Course Requirements

Irrespective of the Honours program chosen, the program consists of coursework (which makes up 50% of the final mark) and a research thesis (which makes up 50% of the final mark).

Grade of Honours

The overall grade of Honours is determined by calculation of the weighted average mark (WAM) for the 400-level subject in which the student is enrolled. Honours are awarded in the following categories:

Class I (WAM 85 to 100%)

Class II, Division 1 (WAM 75 to 84%)

Class II, Division 2 (WAM 65 to 74%)

Class III (WAM 50 to 64%)

If the WAM is below 50%, an Honours grade is not awarded.

Areas of Study in Honours

An Honours year in the Bachelor of International Studies, Faculty of Arts is available in the following areas:

- Asia Pacific Studies
- European Studies
- Global Development and Environment
- Media and International Communication
- Peace and Security Studies
- Transnational Literature and Popular Culture

Honours Guide and Code of Practice (Honours)

The Faculty of Arts Honours Guide provides detailed information on all Honours courses. It is provided in hard copy to all honours students and can be accessed as a PDF document at the following web address: http://www.uow.edu.au/arts/current/artscentral/UOW018544.html

Students are advised to refer to the following University of Wollongong web site for access to the Code of Practice - Honours: http://www.uow.edu.au/about/policy/UOW058661.html

Program of Study

Full Time Student – Commence Autumn 2013			
Subject Code	**Subject Name**	**Credit Points**	**Session**
ARTS470	Research in the Social Sciences and Humanities	12	Autumn 2013
BIS 470	Bachelor of International Studies Honours	12	Spring 2013
ARTS480	Thesis (Full-time)	24	Annual
Part Time Student – Commence Autumn 2013			
Subject Code	**Subject Name**	**Credit Points**	**Session**
ARTS470	Research in the Social Sciences and Humanities	12	Autumn 2013
BIS 470	Bachelor of International Studies Honours	12	Spring 2013
ARTS482	Thesis (Part-time)	12	Autumn 2014
ARTS482	Thesis (Part-time)	12	Spring 2014

Other Information

Further information is available at http://coursefinder.uow.edu.au/ or email: Arts - fac-arts@uow.edu.au

Bachelor of International Studies - Bachelor of Commerce

Testamur Title:	Bachelor of International Studies - Bachelor of Commerce
Abbreviation:	BIntlSt-BCom
My University:	Comparative Indigenous Studies; Culture and Identities, English Literatures, English Language & Linguistics, Ethics, French, Gender Studies, Global Development and the Environment, History, Human Security, Indonesian, International Communication, International Relations, Italian, Japanese, Mandarin, Peace and Security Studies, Philosophy, Politics, Postcolonial, Resource & Environmental, Science & Technology, Sociology, Spanish, Transcultural, Communication, Commerce, Accountancy, Business Innovation, Business Law, Economics, Finance, Financial Planning, Human Resource Management, International Business, International Economics, Management, Marketing, Public Relations, Quantitative Analysis in Economics, Supply Chain Management
Duration:	4.5 years full-time or part-time equivalent
Total Credit Points:	216
Delivery Mode:	On campus (Face-to-face with online support)
Starting Session(s):	Autumn/Spring
Location:	Wollongong
UOW Course Code:	1820
UAC Code:	751311
CRICOS Code:	069057B

Overview

This double degree program allows students to combine the international focus of the Bachelor of International Studies with a major from the Bachelor of Commerce. The choice of a major in from the Bachelor of Commerce can reflect future employment plans, a major that complements the international focus of the Bachelor of International Studies, or simply interest. These are strong complementary degrees that should allow graduates to stand out from the crowd with their combination of technical, language and analytical skills ready for the global business and social environment.

Entry Requirements/Assumed Knowledge

- NSW entry through UAC: Students apply through UAC and satisfy the ATAR requirements for the year of application or conditions set down for early entry. Assumed knowledge: any two units of English.
- Other Secondary Qualifications: Students with secondary qualifications outside NSW and the ACT will be considered on a case-by-case basis.
- Tertiary Qualifications: A completed Diploma or Advanced Diploma from TAFE or other accredited institutions; not less than one-sixth of a Bachelor degree from an approved university; other tertiary courses approved by the University of Wollongong.
- Overseas Qualifications: Students with overseas tertiary qualifications will be considered provided they satisfy the University's minimum admission requirements.
- Alternative Entry (Domestic applicants): TAFE Tertiary Preparation Certificate; Diploma or Foundation Studies Program from a recognised private institution; University Access Program (Wollongong (Wollongong College Australia) for people 21 and over; STAT test for students over 20 on 1 March in year preceding enrolment; UAP for students over 21 years of age; Aboriginal and Torres Strait Islander alternative entry program.

Course Requirements

To qualify for award of the double degree of Bachelor of International Studies/Bachelor of Commerce course code 1820 a student must complete a total of at least 216 credit points.

The 216 credit points shall include:

a) For the Bachelor of Commerce component, students must complete 54 credit points of core subjects (including the capstone subject), plus a 48 credit point major (of this 48 credit point major at least 18 credit points must be at 300-level);

b) The core subjects prescribed (52 credit points) for the International Studies degree;

c) A minimum of a minor in a language other than English (minimum of 28 credit points; students may elect to take a major in a language).

d) At least one of the four minors listed in this degree: Asia Pacific Studies; Global Development and the Environment; International Communication; Peace and Security Studies (minimum of 24 credit points but no more than 32). These will normally be available in the second and third years of study. Upon graduation minors will appear on the transcript (i.e. academic record).

e) To complete the credit points required for the double degree, students can take elective subjects offered by any Faculty.

f) Not more than 90 credit points in 100-level subjects.

e) ARTS100 Peer-2-Peer Mentoring.

Peer-2-Peer Mentoring

Peer-2-Peer Mentoring (subject code ARTS100) is a compulsory zero credit point subject that must be undertaken by each student during their first year. This subject consists of a one hour weekly tutorial during the student's first session of study. This subject is designed to enable incoming students to adapt rapidly to the tertiary environment and engage with the university community.

Students can find information at www.uow.edu.au/arts/current/artscentral/UOW087916.html

Core and minors in the Bachelor of International Studies

For details please refer to the Bachelor of International Studies entry.

Majors in the Bachelor of Commerce

For details of the majors please refer to the Bachelor of Commerce entry.

Minor Study

Students can take Minors as part of their double degree program provided they meet the requirements set. Minor studies consist of a minimum of 28 credit points of which no more than 12 credit points at 100 level can be counted. Students may not cross count subjects from a nominated minor into any other minor or major. Minors do not appear on the testamur but do appear on the transcript (i.e. academic record).

Where a minor is taken from outside a Faculty degree, refer to the requirements prescribed for that minor.

Credit Arrangements

Please see General Course Rules for more Information.

Assessment

Assessment in this course varies between subjects and typically includes a combination of essays, tutorial/seminar presentations, WebCT exercises and, in some subjects, in-class tests and/or exams. Some subjects may have an additional practical component. The assessment requirements of each subject are set out in the individual subject outlines, which students receive in the first week of session.

Honours

Students can do an Honours degree in either the Bachelor of International Studies or the Bachelor of Commerce. This requires additional study (one year full-time, or two years part-time).

Honours may be undertaken by students who meet the requirements for enrolment.

Students should consult the single degree entries for Honours requirements. The Honours Handbook can be accessed as a PDF document.

Other Information

Further information is available at http://coursefinder.uow.edu.au/ or email: fac-arts@uow.edu.au

Bachelor of International Studies – Bachelor of Economics and Finance

Testamur Title:	Bachelor of International Studies – Bachelor of Economics and Finance
Abbreviation:	BIS-BEconFin
My University:	Asia Pacific Studies, Australian Studies, Comparative Indigenous Studies; Culture and Identities, English Literatures, English Language & Linguistics, Ethics, French, Gender Studies, Global Development and the Environment, History, Human Security, Indonesian, International Communication, International Relations, Italian, Japanese, Mandarin, Peace and Security Studies, Philosophy, Politics, Postcolonial, Resource & Environmental, Science & Technology, Sociology, Spanish, Transcultural Communication
Duration:	4.5 years full-time or part-time equivalent
Total Credit Points:	224
Delivery Mode:	On campus (Face-to-face)
Starting Session(s):	Autumn/Spring*
Location:	Wollongong
UOW Course Code:	331
UAC Code:	751313
CRICOS Code:	tba

**Students eligible for Credit Transfer may begin in Summer Session if appropriate subjects are available*

Overview

This double degree program allows students to combine the international focus of the Bachelor of International Studies with a major from the Bachelor of Economics and Finance. The choice of a major in from the Bachelor of Economics and Finance can reflect future employment plans, a major that complements the international focus of the Bachelor of International Studies, or simply interest. These are strong complementary degrees that should allow graduates to stand out from the crowd with their combination of technical, language and analytical skills ready for the global business and social environment.

Entry Requirements/Assumed Knowledge

NSW entry through UAC: Students apply through UAC and satisfy the ATAR requirements for the year of application or conditions set down for early entry. Assumed knowledge: any two units of English.

Other Secondary Qualifications: Students with secondary qualifications outside NSW and the ACT will be considered on a case-by-case basis.

Tertiary Qualifications: A completed Diploma or Advanced Diploma from TAFE or other accredited institutions; not less than one-sixth of a Bachelor degree from an approved university; other tertiary courses approved by the University of Wollongong.

Overseas Qualifications: Students with overseas tertiary qualifications will be considered provided they satisfy the University's minimum admission requirements.

Alternative Entry (Domestic applicants): TAFE Tertiary Preparation Certificate; Diploma or Foundation Studies Program from a recognised private institution; University Access Program (Wollongong (Wollongong College Australia) for people 21 and over; STAT test for students over 20 on 1 March in year preceding enrolment; UAP for students over 21 years of age; Aboriginal and Torres Strait Islander alternative entry program.

Course Requirements

To qualify for award of the double degree of Bachelor of International Studies/Bachelor of Economics and Finance course code 331 a student must complete a total of at least 224 credit points.

The 224 credit points shall include:

a) For the Bachelor of Economics and Finance component, students must complete 54 credit points of core subjects (including the capstone subject), plus a 48 credit point major (of this 48 credit point major at least 18 credit points must be at 300-level);

b) The core subjects prescribed (52 credit points) for the International Studies degree;

c) A minimum of a minor in a language other than English (minimum of 28 credit points; students may elect to take a major in a language).

d) At least one of the four minors listed in the BIS degree: Asia Pacific Studies; Global Development and the Environment; International Communication; Peace and Security Studies (minimum of 24 credit points but no more than 32). These will normally be available in the second and third years of study. Upon graduation minors will appear on the transcript (i.e. academic record).

e) To complete the credit points required for the double degree, students can take elective subjects offered by the Faculty of Arts or other faculties.

f) Not more than 90 credit points in 100-level subjects.

e) ARTS100 Peer-2-Peer Mentoring.

Peer-2-Peer Mentoring

Peer-2-Peer Mentoring (subject code ARTS100) is a compulsory zero credit point subject that must be undertaken by each student during their first year. This subject consists of a one hour weekly tutorial during the student's first session of study. This subject is designed to enable incoming students to adapt rapidly to the tertiary environment and engage with the university community.

Students can find information at www.uow.edu.au/arts/current/artscentral/UOW087916.html

Core and minors in the Bachelor of International Studies

For details please refer to the Bachelor of International Studies entry.

Majors in the Bachelor of Economics and Finance

For details of the majors please refer to the Bachelor of Economics and Finance entry.

Minor Study

Students can take Minors as part of their double degree program provided they meet the requirements set. Minor studies consist of a minimum of 28 credit points of which no more than 12 credit points at 100 level can be counted. Students may not cross count subjects from a nominated minor into any other minor or major. Minors do not appear on the testamur but do appear on the transcript (i.e. academic record).

Where a minor is taken from outside of an Arts degree, refer to the requirements prescribed for that minor.

Credit Arrangements

Please see General Course Rules for more Information.

Assessment

Assessment in this course varies between subjects and typically includes a combination of essays, tutorial/seminar presentations, WebCT exercises and, in some subjects, in-class tests and/or exams. Some subjects may have an additional practical component. The assessment requirements of each subject are set out in the individual subject outlines, which students receive in the first week of session.

Honours

Students can do an Honours degree in either the Bachelor of International Studies or the Bachelor of Economics and Finance. This requires additional study (one year full-time, or two years part-time).

Honours may be undertaken by students who meet the requirements for enrolment.

Students should consult the single degree entries for Honours requirements. The Honours Handbook can be accessed as a PDF document.

Other Information

Further information is available at http://coursefinder.uow.edu.au/ or email: fac-arts@uow.edu.au

Bachelor of International Studies - Bachelor of Laws

Testamur Title:	Bachelor of International Studies - Bachelor of Laws
Abbreviation:	BIS-LLB
My University:	Comparative Indigenous Studies; Culture and Identities, English Literatures, English Language & Linguistics, Ethics, French, Gender Studies, Global Development and the Environment, History, Human Security, Indonesian, International Communication, International Relations, Italian, Japanese, Mandarin, Peace and Security Studies, Philosophy, Politics, Postcolonial, Resource & Environmental, Science & Technology, Sociology, Spanish, Transcultural, Communication, Law, Legal
Duration:	5 years full-time or part-time equivalent
Total Credit Points:	282*
Delivery Mode:	On-campus
Starting Session(s):	Autumn
Location:	Wollongong
UOW Course Code:	1827
UAC Code:	751212
CRICOS Code:	069060G

** This is a minimum figure and may vary depending on the selected major.*

Overview

Students commencing University study directly from school may enrol in a double degree course with the Bachelor of Laws. Study in another academic discipline allows students to recognise how law functions in social, economic, technical, environmental and scientific contexts. The Bachelor of International Studies – Bachelor of Laws degree allows students to combine the international focus of the Bachelor of International Studies with the Bachelor of Laws. Study in another academic discipline like International Studies allows students to recognise how law functions in different social, historical, political and economic contexts.

For the first year of the double degree, students enrol in subjects as prescribed in the table below. The first year of the LLB must be completed full-time, except where approval is given on equity grounds. In the following four years of the degree, students enrol in subjects from the Law and Arts schedules.

Entry Requirements / Assumed Knowledge

Assumed Knowledge: Any two units of English. Recommended Studies: English Advanced.

Credit Transfer

Students may apply for credit transfer for relevant subjects completed at approved tertiary institutions. Refer to http://www.uow.edu.au/about/policy/UOW058649.html.

Course Requirements

Students who enrol in the Bachelor of International Studies – Bachelor of Laws, must complete each of the following:

a) all compulsory Law subjects in the sequence prescribed in the relevant Course Program;

b) elective subjects to the value of 40 credit points from the Bachelor of Laws Elective Law Schedule;

c) all compulsory (core) subject requirements for the major in the Bachelor of International Studies, the language minor plus one language subject, and one specialist strand offered by the degree;

d) complete not more than 90 credit points at 100 level;

e) complete a minimum of 282 credit points.

Honours

To be eligible for the award of Bachelor of Laws (Honours), a candidate must complete the elective LLB313 Legal Research Project as part of the above Course Requirements. The Honours grade will be calculated in accordance with Method 4. Refer to the University's General Course Rules (8.37), for information on the methods of calculating Honours.

As an alternative to the WAM-based Honours system, eligible students may complete an additional year of study towards the award of a Bachelor of Laws Honours by Research degree or the Bachelor of Laws Joint Honours by Research degree.

In order to be eligible for the Bachelor of Laws Honours by Research degree (an 'end-on' full year honours), students must have completed all LLB degree requirements with a WAM calculated by Method 4 of 70% or more. To be eligible for the award of Bachelor of Laws Honours by Research, a candidate must complete LLB448 Research Honours in Law in addition to the above Course Requirements. The Honours grade will be calculated in accordance with Method 1. Refer to the University's General Course Rules (8.37), for information on the methods of calculating Honours. See the Bachelor of Laws Honours by Research degree entry for further details.

In order to be eligible for the Bachelor of Laws Joint Honours by Research degree (an 'end-on' full year honours), students must have completed all requirements for their double degree with a WAM calculated by Method 4 in the University's General Course Rules (8.37) of 70% or more* in their LLB subjects and overall in order to be eligible to apply. Entry must be approved by the Associate Dean, in consultation with the LLB Honours Coordinator and the relevant authority in the other discipline. The Associate Dean shall not approve entry into this course unless the LLB Honours Coordinator and the relevant authority in the other discipline have agreed, in consultation with the student, on the program of study that will form the basis of the course curriculum for the degree. See the Bachelor of Laws Joint Honours by Research degree for further details.

** The other discipline may specify other minimum entry requirements.*

Course Program

Subjects (by year) - full-time program		Session	Credit Points
First Year			
LLB 100	Foundations of Law A	Autumn	8
LLB 110	Legal Research and Writing	Autumn	4
LLB 120	Law of Contract A	Autumn	8
LLB 130	Criminal Law and Process A	Autumn	8
LLB 150	Communication Skills	Autumn	2
LLB 140	Advocacy Skills	Spring	2
LLB 160	Foundations of Law B	Spring	8
LLB 170	Law of Contracts B	Spring	8
LLB 180	Criminal Law and Process B	Spring	8
LLB 197	Lawyers and Australian Society	Spring	6
Second Year			
LLB 220	Property and Trusts A	Autumn	8
LLB 230	Public Law A	Autumn	8
Subjects from Bachelor of International Studies schedule		Autumn	
LLB 270	Property and Trusts B	Spring	8
LLB 280	Public Law B	Spring	8
Subjects from Bachelor of International Studies schedule		Spring	
Third Year			
LLB 240	Law of Torts	Autumn	8
LLB 260	Dispute Management Skills	Autumn	2
Subjects from Bachelor of International Studies schedule		Autumn	
LLB 250	Drafting Skills	Spring	2
LLB 290	Legal Theory	Spring	8
LLB 397	Legal Internship	Autumn/Spring	2
Subjects from Bachelor of International Studies schedule		Spring	
Fourth Year			
LLB 300	Remedies and Procedure	Autumn	8
LLB 302	Law of Business Organisations	Autumn	8
Subjects from Bachelor of International Studies schedule		Autumn	
LLB 301	Evidence	Spring	8
2 LLB Electives		Spring	16
Subjects from Bachelor of International Studies schedule		Spring	
Fifth Year			
2 LLB Electives		Autumn	16
Subjects from Bachelor of International Studies schedule		Autumn	
1 LLB Elective		Spring	8
Subjects from Bachelor of International Studies schedule		Spring	

Majors

Majors are NOT available in the Bachelor of Laws degree. Refer to the course schedules for Arts or Health & Behavioural Sciences for majors available in the Bachelor of Arts course. It is necessary for students to seek appropriate advice from Arts on their options for Majors and subject sequences.

Electives

Students must successfully complete elective subjects to the value of 40 credit points from the Bachelor of Laws Elective Law Schedule – see Bachelor of Laws (Graduate Entry)

The subjects SOC222 Crime, Criminality and Criminalisation, SOC244 Punishment: Purpose, Practice, Policy STS250 Social Aspects of Genetics and Biotechnology, STS300 The Environmental Context: Imagining a Zero Carbon Future and STS309 Future Tense: Politics and Regulations of Technoscience may be completed as electives for the Bachelor of Laws course. However, the credit points may not be counted towards the Bachelor of International Studies component of the double degree if they are being used as electives in Law.

Other Information

Further information is available at http://coursefinder.uow.edu.au/ or email: Law: law-enquiries@uow.edu.au; International Studies: fac-arts@uow.edu.au

Bachelor of Journalism

Testamur Title:	Bachelor of Journalism
Abbreviation:	BJour
My University:	Creative Arts, Journalism
Duration:	3 years full-time or part-time equivalent
Total Credit Points:	144
Delivery Mode:	On campus (Face-to-face)
Starting Session(s):	Autumn
Location:	Wollongong
UOW Course Code:	852
UAC Codes:	754700
CRICOS Code:	058983K

Overview

The Bachelor of Journalism course caters for students planning a career in journalism or a related field. The course has been designed to provide students with a range of skills that will enable them to work in print, broadcast or online media.

Entry Requirements

Admission to the Bachelor of Journalism is based on the HSC ATAR (or equivalent), although outstanding results in relevant subjects/areas may also be taken into account.

Credit Transfer

The Faculty offers credit transfers to students who have successfully completed relevant courses at accredited universities and colleges. No more than 18 credit points of elective subjects may be taken at 100 level and there must be at least 6 credit points at 300 level. Students seeking credit transfer are advised to contact the Faculty or UniAdvice for further details and refer to the General Course Rules.

Course Requirements

All students must complete a minimum of 144 credit points (cp) comprised of the following:

1. 108cp of Journalism subjects which includes:
   - 72cp of core Bachelor of Journalism subjects
   - 6cp of Journalism electives chosen from 200 level and 300 level options
2. 36cp of non-Journalism electives.

Note: No more than 48 credit points at 100 level can be counted towards the Bachelor of Journalism degree. No more than 18 credit points of elective subjects may be taken at 100 level, and there must be at least 6 credit points at 300 level. Students must achieve a clear pass in the core 300-level subjects to be eligible to graduate with a Bachelor of Journalism.

For further information on Awards or Degree Rules, please see the General Course Rules.

Program of Study

1. Core Journalism Subjects

Subjects		Session	Credit Points
100 level			
JOUR111	Introduction to Journalism	Autumn	6
JOUR112	Theory Meets Practice	Autumn	6
DESN190	Graphic Design Basics: Printed Media	Spring	6
JOUR113	Legal and Professional Issues for Journalists	Spring	6
JOUR114	Newsroom Practice (1)	Spring	6
200 level			
JOUR214	Feature Writing	Autumn	6
JOUR215	Convergent Journalism (1)	Autumn	6
DESN290	Graphic Design Basics: Web Design	Autumn	6
JOUR217	Newsroom 2 - Convergence	Spring	6
300 level			
JOUR314	Newsroom Practice (3) – Editing and Production	Autumn	6
JOUR312	Internship	Autumn or Spring	6
JOUR320	Journalism Project	Autumn or Spring	6

2. Journalism Electives

Students are also required to complete 36cp of Journalism subjects chosen from the following list of which at least one must be at 300 level:

Subjects		Session	Credit Points
200 level			
JOUR205	Professional Writing 1: Writing for Organisation	Autumn	6
JOUR231	Political Journalism	Autumn	6
JOUR233	Arts Journalism	Autumn	6
JOUR216	Introduction to Broadcast Journalism	Spring	6
JOUR232	Photojournalism	Spring	6
JOUR234	Lifestyle & Magazine Journalism	Spring	6
300 level			
JOUR301	Investigative Reporting	Autumn	8
JOUR305	Professional Writing 2: Editing and Publication	Autumn	6
JOUR316	Advance Broadcast Journalism	Autumn	6
JOUR330	Advanced Journalism Research Project	Autumn or Spring	6
JOUR331	Literary Journalism	Spring	6
JOUR336	Advanced Documentary Journalism	Spring	6
JOUR337	Sports Journalism	Spring	6

3. Non Journalism Electives

Students in the Bachelor of Journalism must also complete 36cp of elective subjects taken outside of Journalism. No more than 18cp may be counted at 100 level, and there must be at least 6cp at 300 level.

Other Information

Further information is available at:

UOW Coursefinder	http://coursefinder.uow.edu.au/
Creative Arts Email	fca-enquiries@uow.edu.au
Creative Arts Website	http://www.uow.edu.au/crearts/index.html

Bachelor of Journalism - Bachelor of Arts

Testamur Title:	Bachelor of Journalism - Bachelor of Arts
Abbreviation:	BJour-BA
My University:	Journalism, Broadcast Journalism, Web-Based Journalism, Photojournalism, Print Journalism, Professional Writing, Asia Pacific, Australian Studies, Comparative Indigenous Studies; Culture and Identities, English Literatures, English Language & Linguistics, Ethics, Gender Studies, Global Media, History, Human Security, International Relations, Languages, Masculinities, Peace keeping, Philosophy, Politics, Postcolonial, Resource & Environmental, Sociology, Science & Technology, Transcultural Communication
Duration:	4.5 years full-time or part-time equivalent
Total Credit Points:	216
Delivery Mode:	On campus
Starting Session(s):	Autumn or Spring (Course code 853)
	Autumn (Course code 853_1)
Location:	Wollongong
UOW Course Code:	853 (Faculty of Arts majors)
	853_1 (Faculty of Health & Behavioural Science major - Psychology)
UAC Code:	751660
CRICOS Code:	058984J (Arts)
	075706A (HBS)

Overview

The Bachelor of Journalism - Bachelor of Arts enables students to gain the necessary skills in Journalism and to complement these with a major study in Arts.

Entry Requirements

See requirements for each degree.

Credit Transfer

The Faculty offers credit transfers to students who have successfully completed relevant courses at accredited universities and colleges. Students seeking credit transfer are advised to contact the Faculty or UniAdvice for further details and refer to the General Course Rules.

Course Requirements

To qualify for the award of the Bachelor of Journalism - Bachelor of Arts, students must complete a minimum of 216 credit points (cp) comprised of the following:

1. 108cp of Journalism subjects which includes:
   - 72cp of core Bachelor of Journalism subjects
   - 36cp of Journalism electives chosen from 200 level and 300 level options
2. Prescribed subjects for one of the Majors in the Bachelor of Arts degree, or a Major in Psychology.
3. Elective subjects to bring the total number of credit points completed to 216

Students must consult academic advisors in the relevant faculties concerning the selection of appropriate subjects.

No more than 90 credit points at 100 level can be counted towards the Bachelor of Journalism - Bachelor of Arts degree. Students must achieve a clear pass in the core 300 level subjects to be eligible to graduate with a Bachelor of Journalism - Bachelor of Arts.

Other Information

For information on double degrees please see the Standard on Courses.

Further information is available at:

UOW Coursefinder	http://coursefinder.uow.edu.au/
Creative Arts Email	fca-enquiries@uow.edu.au
Creative Arts Website	http://www.uow.edu.au/crearts/index.html

Bachelor of Journalism - Bachelor of Commerce

Testamur Title:	Bachelor of Journalism - Bachelor of Commerce
Abbreviation:	BJour-BCom
My University:	Journalism, Broadcast Journalism, Web-Based Journalism, Photojournalism, Print Journalism, Professional Writing, Commerce, Accountancy, Business Innovation, Business Law, Economics, Finance, Financial Planning, Human Resource Management, International Business, International Economics, Management, Marketing, Public Relations, Quantitative Analysis, Supply Chain Management
Duration:	4.5 years full-time or part-time equivalent
Total Credit Points:	216
Delivery Mode:	On campus
Starting Session(s):	Autumn
Location:	Wollongong
UOW Course Code:	854
UAC Code:	751661
CRICOS Code:	058985G

Overview

The Bachelor of Journalism - Bachelor of Commerce will promote the Faculty's objective of integrating its disciplines to produce graduates better able to perform in the employment market. Students combining Commerce and Journalism will be able to use their journalism skills (such as analytical, computer and project management skills), in conjunction with their projects in journalism, to integrate their Commerce discipline.

Entry Requirements

See requirements for each degree.

Credit Transfer

The Faculty offers credit transfers to students who have successfully completed relevant courses at accredited universities and colleges. Students seeking credit transfer are advised to contact the Faculty or UniAdvice for further details and refer to the General Course Rules.

Course Requirements

To qualify for the award of the Bachelor of Journalism - Bachelor of Commerce, students must complete a minimum of 216 credit points (cp) comprised of the following:

1. 108cp of Journalism subjects which includes:
   - 72cp of core Bachelor of Journalism subjects
   - 36cp of Journalism electives chosen from 200 level and 300 level options
2. 102cp from the Course Structure of the Bachelor of Commerce comprising 54cp of core subjects (including the capstone subject), plus a 48cp major
3. Where necessary, elective subjects to bring the total number of credit points completed to 216

Students must consult academic advisors in the relevant faculties concerning the selection of appropriate subjects.

No more than 90 credit points at 100 level can be counted towards the Bachelor of Journalism - Bachelor of Commerce degree. Students must achieve a clear pass in the core 300 level subjects to be eligible to graduate with a Bachelor of Journalism - Bachelor of Commerce.

Other Information

For information on double degrees please see the Standard on Courses

Further information is available at:

UOW Coursefinder	http://coursefinder.uow.edu.au/
Creative Arts Email	fca-enquiries@uow.edu.au
Creative Arts Website	http://www.uow.edu.au/crearts/
Commerce Email	commerce-enquiries@uow.edu.au
Commerce Website	http://www.uow.edu.au/commerce/

Bachelor of Journalism - Bachelor of Communication and Media Studies

Testamur Title:	Bachelor of Journalism - Bachelor of Communication and Media Studies
Abbreviation:	BJour-BCMS
My University:	Creative Arts, Journalism, Communication, International Media and Communication, Journalism and Professional Writing, Languages, Management, Marketing Communication and Advertising, Masculinities, Peace keeping, Philosophy, Politics, Postcolonial, Public Relations, Resource & Environmental, Sociology, Science & Technology, Transcultural Communication, Media Studies
Duration:	4.5 years full-time or part-time equivalent
Total Credit Points:	216
Delivery Mode:	On campus
Starting Session(s):	Autumn
Location:	Wollongong
UOW Course Code:	855
UAC Code:	751664
CRICOS Code:	058986G

Overview

The Bachelor of Journalism - Bachelor of Communication and Media Studies enables students wanting careers in journalism to gain the necessary skills and to complement these with studies in Communication and Media.

Entry Requirements

See requirements for each degree.

Credit Transfer

The Faculty offers credit transfers to students who have successfully completed relevant courses at accredited universities and colleges. Students seeking credit transfer are advised to contact the Faculty or UniAdvice for further details and refer to the General Course Rules.

Course Requirements

To qualify for the award of the Bachelor of Journalism - Bachelor of Communication and Media Studies, students must complete a minimum of 216 credit points (cp) comprised of the following:

1. 108cp of Journalism subjects which includes:
   - 72cp of core Bachelor of Journalism subjects
   - 36cp of Journalism electives chosen from 200 level and 300 level options
2. All the compulsory (core) subjects in the Bachelor of Communication and Media Studies and the required subjects of one of the major streams in that degree
3. Where necessary, elective subjects to bring the total number of credit points completed to 216

Students in the Bachelor of Journalism - Bachelor of Communication and Media Studies may not take the Journalism stream in the Bachelor of Communications and Media Studies component of the degree.

Students must consult academic advisors in the relevant faculties concerning the selection of appropriate subjects.

Note: No more than 90 credit points at 100 level can be counted towards the Bachelor of Journalism - Bachelor of Communication and Media Studies degree. Students must achieve a clear pass in the core 300 level subjects to be eligible to graduate with a Bachelor of Journalism - Bachelor of Communication and Media Studies.

Other Information

For information on double degrees please see the Standard on Courses

Further information is available at:

UOW Coursefinder	http://coursefinder.uow.edu.au/
Creative Arts Email	fca-enquiries@uow.edu.au
Creative Arts Website	http://www.uow.edu.au/crearts/
Arts Email	fac-arts@uow.edu.au
Arts Website	http://www.uow.edu.au/arts/

Bachelor of Journalism - Bachelor of Engineering

Testamur Title:	Bachelor of Journalism - Bachelor of Engineering
Abbreviation:	BJour - BE
My University:	Journalism, Broadcast Journalism, Web-Based Journalism, Photojournalism, Print Journalism, Professional Writing, Engineering, Civil, Environmental, Materials, Mechanical, Mechatronic, Mining
Duration:	5.5 years full-time or part-time equivalent
Total Credit Points:	264
Delivery Mode:	On campus (Face-to-face)
Starting Session(s):	Autumn
Location:	Wollongong
UOW Course Code:	857
UAC Code:	751665
CRICOS Code:	058988E

Overview

UOW Engineering graduates are not only involved in a wide range of exciting technical projects; they can also run the organisations in which they work. They are problem solvers; they manage projects, people and finances. They are building a sustainable future. Engineering students at UOW are broadly educated so that they can adapt to the many changes that will take place during their career. Combining Journalism adds flexibility, skills and another dimension to a graduate's employment portfolio.

Entry Requirements

See requirements for each degree.

Credit Transfer

The Faculty offers credit transfers to students who have successfully completed relevant courses at accredited universities and colleges. Students seeking credit transfer are advised to contact the Faculty or UniAdvice for further details and refer to the General Course Rules.

Course Requirements

To qualify for the award of the Bachelor of Journalism - Bachelor of Engineering, students must complete a minimum of 264 credit points (cp) comprised of the following:

1. 90cp of Journalism subjects which includes:
   - 72cp of core Bachelor of Journalism subjects
   - 18cp of Journalism electives chosen from 200 level and 300 level options*
2. 174cp of Engineering subjects taken from the following:
   - Bachelor of Engineering - Core Subjects
   - Plus the subjects leading to one of the Engineering degrees:
   - Bachelor of Engineering (Civil Engineering)
   - Bachelor of Engineering (Environmental Engineering)
   - Bachelor of Engineering (Materials Engineering)
   - Bachelor of Engineering (Mechanical Engineering)
   - Bachelor of Engineering (Mechatronic Engineering)
   - Bachelor of Engineering (Mining Engineering)
   - And at least 12 weeks of approved professional engineering experience during the course**
3. Where necessary, elective subjects to bring the total number of credit points completed to 264

** Students in the Bachelor of Journalism - Bachelor of Engineering double degree will only be required to complete 18cp of Journalism electives (rather than 36cp which is normally required).*

***A part-time candidate in approved full-time engineering employment may be exempted from up to three specified subjects in accordance with the provisions of the Professional Options subjects, thereby enabling the joint course to be completed in a shorter time.*

Students must consult academic advisors in the relevant faculties concerning the selection of appropriate subjects.

No more than 90 credit points at 100 level can be counted towards the Bachelor of Journalism - Bachelor of Engineering degree. Students must achieve a clear pass in the core 300 level subjects to be eligible to graduate with a Bachelor of Journalism - Bachelor of Engineering.

Other Information

For information on double degrees please see the Standard on Courses

Further information is available at:

UOW Coursefinder	http://coursefinder.uow.edu.au/
Creative Arts Email	fca-enquiries@uow.edu.au
Creative Arts Website	http://www.uow.edu.au/crearts/
Engineering Email	engineering@uow.edu.au
Engineering Website	http://www.uow.edu.au/eng/

Bachelor of Journalism - Bachelor of International Studies

Testamur Title:	Bachelor of Journalism – Bachelor of International Studies
Abbreviation:	BJrnl-BIntlSt
My University:	Journalism, Broadcast Journalism, Web-Based Journalism, Photojournalism, Print Journalism, Professional Writing, International Studies, Global Labour, Employment, Studies of States, World Literatures, Conflict, Society, Media, Communication, Popular Culture, Pacific, Asia, Europe
Duration:	4.5 years full-time or part-time equivalent
Total Credit Points:	Minimum of 216
Delivery Mode:	On campus
Starting Session(s):	Autumn or Spring
Location:	Wollongong
UOW Course Code:	1829
UAC Code:	751666
CRICOS Code:	069405J

Overview

This double degree program allows students to combine the international focus of the Bachelor of International Studies with the Bachelor of Journalism.

Entry Requirements

See requirements for each degree.

Credit Transfer

The Faculty offers credit transfers to students who have successfully completed relevant courses at accredited universities and colleges. Students seeking credit transfer are advised to contact the Faculty or UniAdvice for further details and refer to the General Course Rules.

Course Requirements

To qualify for the award of the Bachelor of Journalism - Bachelor of International Studies, students must complete a minimum of 216 credit points (cp) comprised of the following:

1. 108cp of Journalism subjects which includes:
   - 72cp of core Bachelor of Journalism subjects
   - 36cp of Journalism electives chosen from 200 level and 300 level options
2. The core subjects prescribed (52 credit points) for the Bachelor of International Studies degree
3. A minimum of a minor in a language other than English (minimum of 28 credit points; students may elect to take a major in a language)
4. At least one of the four minors listed in Bachelor of International Studies degree. These will normally be available in the second and third years of study. Upon graduation minors will appear on the transcript (i.e. academic record)
5. Elective subjects to bring the total number of credit points completed to 216

Students undertaking a major study in Visual Arts and Design may be required to complete up to 224 credit points.

Students must consult academic advisors in the Faculty of Creative Arts and Faculty of Arts concerning the selection of appropriate subjects.

No more than 90 credit points at 100 level can be counted towards the Bachelor of Journalism - Bachelor of International Studies. Students must achieve a clear pass in the core 300 level subjects to be eligible to graduate with a Bachelor of Journalism - Bachelor of International Studies.

Other Information

For information on double degrees please see the Standard on Courses.

Further information is available at:

UOW Coursefinder	http://coursefinder.uow.edu.au/
Creative Arts Email	fca_enquiries@uow.edu.au
Creative Arts Website	http://www.uow.edu.au/crearts/
Arts Email	fac-arts@uow.edu.au
Arts Website	http://www.uow.edu.au/arts/

Bachelor of Journalism - Bachelor of Laws

Testamur Title:	Bachelor of Journalism - Bachelor of Laws
Abbreviation:	BJ-LLB
My University:	Law, Laws, Legal, Journalism, Journalism, Broadcast Journalism, Web-Based Journalism, Photojournalism, Print Journalism, Professional Writing
Duration:	5 years full-time or part-time equivalent
Total Credit Points:	270
Delivery Mode:	On-campus
Starting Session(s):	Autumn
Location:	Wollongong
UOW Course Code:	858
UAC Code:	751211
CRICOS Code:	058981A

Overview

A double degree in Journalism and Law will provide students with an expanded skill set - one that will set them apart from students who opt for a single degree option in either discipline. This is not to say that single degree students will be precluded from jobs on the basis of their qualifications. The University of Wollongong's reputation for quality teaching provides graduates with a strong advantage, but the double degree provides graduates with a wider range of options.

For the first year of the double degree, students enrol in subjects as prescribed in the table below. The first year of the LLB must be completed full time, except where approval is given on equity grounds. In the following four years of the degree, students enrol in subjects from the Law and Journalism schedules.

Entry Requirements / Assumed Knowledge

Assumed Knowledge: Any two units of English. Recommended Studies: English Advanced.

An additional selection criterion applies for the Bachelor of Journalism. In addition to applying to UAC, students must submit an online Creative Arts interview request form. For further information refer to the UAC Guide.

Credit Transfer

Students may apply for credit transfer for relevant subjects completed at approved tertiary institutions. Refer to http://www.uow.edu.au/about/policy/UOW058649.html.

Course Requirements

To qualify for the award of the Bachelor of Journalism - Bachelor of Laws, a candidate must complete a total of at least 270 credit points including each of (a), (b) and (c) as follows:

a) 90 credit points from the Course Structure of the Bachelor of Journalism, comprising 72cp of core subjects, and 18cp of Journalism electives*;

b) all compulsory Law subjects in the sequence prescribed in the relevant Course Program:

c) elective subjects to the value of 40 credit points from the LLB Elective Law Schedule.

** Note: Students in the Bachelor of Journalism - Bachelor of Laws double degree will only be required to complete 18cp of Journalism electives (rather than 36cp which is normally required).*

Honours

To be eligible for the award of Bachelor of Laws Honours, a candidate must complete the elective LLB313 Legal Research Project as part of the above Course Requirements. The Honours grade will be calculated in accordance with Method 4. Refer to the University's General Course Rules (8.37), for information on the methods of calculating Honours.

As an alternative to the WAM-based Honours system, eligible students may complete an additional year of study towards the award of a Bachelor of Laws Honours by Research degree or the Bachelor of Laws Joint Honours by Research degree.

In order to be eligible for the Bachelor of Laws Honours by Research degree (an 'end-on' full year honours), students must have completed all LLB degree requirements with a WAM calculated by Method 4 of 70% or more. To be eligible for the award of Bachelor of Laws Honours by Research, a candidate must complete LLB448 Research Honours in Law in addition to the above Course Requirements. The Honours grade will be calculated in accordance with Method 1. Refer to the University's General Course Rules (8.37), for information on the methods of calculating Honours. See the Bachelor of Laws Honours by Research degree entry for further details.

In order to be eligible for the Bachelor of Laws Joint Honours by Research degree (an 'end-on' full year honours), students must have completed all requirements for their double degree with a WAM calculated by Method 4 in the University's General Course Rules (8.37) of 70% or more* in their LLB subjects and overall in order to be eligible to apply. Entry must be approved by the Associate Dean, in consultation with the LLB Honours Coordinator and the relevant authority in the other discipline. The Associate Dean shall not approve entry into this course unless the LLB Honours Coordinator and the relevant authority in the other discipline have agreed, in consultation with the student, on the program of study that will form the basis of the course curriculum for the degree. See the Bachelor of Laws Joint Honours by Research degree for further details.

** Prospective candidates for the LLB Joint Honours by Research with Creative Arts need to possess a high level of research competency and a strong foundation in theoretical work; they should have a demonstrated ability to focus on a defined topic and to sustain an argument. In general, a weighted average mark (WAM) at distinction level in both theory and practice in prior undergraduate study is recommended. Please note only Autumn session commencement is possible for the LLB Joint Honours by Research with Creative Arts.*

Course Program

Subjects (by year)		Session	Credit Points
First Year			
LLB 100	Foundations of Law A	Autumn	8
LLB 110	Legal Research and Writing	Autumn	4
LLB 120	Law of Contract A	Autumn	8
LLB 130	Criminal Law and Process A	Autumn	8
LLB 150	Communication Skills	Autumn	2
LLB 140	Advocacy Skills	Spring	2
LLB 160	Foundations of Law B	Spring	8
LLB 170	Law of Contracts B	Spring	8
LLB 180	Criminal Law and Process B	Spring	8
LLB 197	Lawyers and Australian Society	Spring	6
Second Year			
LLB 220	Property and Trusts A	Autumn	8
LLB 230	Public Law A	Autumn	8
LLB 270	Property and Trusts B	Spring	8
LLB 280	Public Law B	Spring	8
Plus subjects from the Journalism and Graphic Design schedules			
Third Year			
LLB 240	Law of Torts	Autumn	8
LLB 260	Dispute Management Skills	Autumn	2
LLB 397	Legal Internship	Autumn/Spring	2
LLB 250	Drafting Skills	Spring	2
LLB 290	Legal Theory	Spring	8
Plus subjects from the Journalism and Graphic Design schedules			
Fourth Year			
LLB 300	Remedies and Procedure	Autumn	8
LLB 302	Law of Business Organisations	Autumn	8
LLB 301	Evidence	Spring	8
2 LLB Electives		Spring	16
Plus subjects from the Journalism schedule			
Fifth Year			
2 LLB Electives		Autumn	16
1 LLB Elective		Spring	8
Plus subjects from the Journalism schedule			

Majors

Majors are NOT available in the Bachelor of Laws course.

Electives

Students must successfully complete elective subjects to the value of 40 credit points from the Bachelor of Laws Elective Law Schedule – see Bachelor of Laws (Graduate Entry).

Other Information

Further information is available at http://coursefinder.uow.edu.au/ or email: Law: law-enquiries@uow.edu.au; Creative Arts: fca_enquiries@uow.edu.au

Bachelor of Journalism - Bachelor of Science

Testamur Title:	Bachelor of Journalism - Bachelor of Science
Abbreviation:	BJour-BSc
My University:	Journalism, Journalism, Broadcast Journalism, Web-Based Journalism, Photojournalism, Print Journalism, Professional Writing, Creative Arts, Science, Biological Sciences, Chemistry, Geology, Geosciences, Human Geography and Physical Geography, Conservation Biology, Environment, Land and Heritage Management, Medical Biotechnology, Medicinal Chemistry and Nanotechnology, Psychology
Duration:	Minimum 4.5 years full-time or part-time equivalent
Total Credit Points:	Minimum of 216
Delivery Mode:	On campus
Starting Session(s):	Autumn
Location:	Wollongong
UOW Course Code:	859 (Faculty of Science majors)
	859_1 (Faculty of Health & Behavioural Sciences majors)
UAC Code:	751663
CRICOS Code:	058982M

Overview

The Bachelor of Journalism - Bachelor of Science double degree recognises the value of scientific discoveries to society and the important role the media performs in highlighting and explaining the significance of those discoveries or developments. The decision to offer a double degree with Science also acknowledges that there are employment opportunities in the mainstream media for people who have skills in scientific disciplines. Finally, it acknowledges that scientists may be looking to improve their writing and presentation skills so that they can more effectively present their research in specialist and generalist publications.

Entry Requirements

See requirements for each degree.

Credit Transfer

The Faculty offers credit transfers to students who have successfully completed relevant courses at accredited universities and colleges. Students seeking credit transfer are advised to contact the Faculty or UniAdvice for further details and refer to the General Course Rules.

Course Requirements

To qualify for the award of the Bachelor of Journalism - Bachelor of Science, students must complete a minimum of 216 credit points (cp) comprised of the following:

1. 108cp of Journalism subjects which includes:
   - 72cp of core Bachelor of Journalism subjects
   - 36cp of Journalism electives chosen from 200 level and 300 level options
2. Complete a major in the Bachelor of Science. For more information, please refer to the Course Handbook.
3. Where necessary, elective subjects to bring the total number of credit points completed to 216

Students may be required to complete more than 216 credit points, depending on the Bachelor of Science major they choose to study.

Students must consult academic advisors in all relevant faculties concerning the selection of appropriate subjects.

No more than 90 credit points at 100 level can be counted towards the Bachelor of Journalism - Bachelor or Science degree. Students must achieve a clear pass in the core 300 level subjects to be eligible to graduate with a Bachelor of Journalism - Bachelor of Science.

Other Information

For information on double degrees please see the Standard on Courses.

Further information is available at:

UOW Coursefinder	http://coursefinder.uow.edu.au/
Creative Arts Email	fca_enquiries@uow.edu.au
Creative Arts Website	http://www.uow.edu.au/crearts/
Science Email	science-enquiries@uow.edu.au
Science Website	http://www.uow.edu.au/science/

Bachelor of Laws (Direct Entry)

Testamur Title:	Bachelor of Laws
Abbreviation:	LLB
My University:	Law, Laws, Legal
Duration:	4 years full-time or part-time equivalent
Total Credit Points:	228
Delivery Mode:	On-campus
Starting Session(s):	Autumn
Location:	Wollongong
UOW Course Code:	1777
UAC Code:	756100
CRICOS Code:	055107A

Overview

This degree program consists entirely of Law subjects with a broad range of elective options. It aims to provide a legal education which equips students with a critical and questioning attitude, offers a broad perspective and provides the foundation for a career in an extensive range of legal work.

Entry Requirements / Assumed Knowledge

Assumed Knowledge: Any two units of English. Recommended Studies: English Advanced.

Credit Transfer

Students may apply for credit transfer for relevant subjects completed at approved tertiary institutions. Refer to http://www.uow.edu.au/about/policy/UOW058649.html.

Course Requirements

Students who enrol in the Bachelor of Laws (Direct Entry) must complete the following:

a) all compulsory Law subjects in the sequence set out in the relevant Course Program;

b) elective subjects to the value of 88 credit points* from the Bachelor of Laws Elective Law Schedule.

Honours

To be eligible for the award of Bachelor of Laws (Honours), a candidate must complete the elective LLB313 Legal Research Project as part of the above Course Requirements. The Honours grade will be calculated in accordance with Method 4. Refer to the University's General Course Rules (8.37), for information on the methods of calculating Honours.

As an alternative to the WAM-based Honours system, eligible students may complete an additional year of study towards the award of a Bachelor of Laws Honours by Research degree. In order to be eligible for this 'end-on' full year honours, students must have completed all LLB degree requirements with a WAM calculated by Method 4 of 70% or more. To be eligible for the award of Bachelor of Laws Honours by Research, a candidate must complete LLB448 Research Honours in Law in addition to the above Course Requirements. The Honours grade will be calculated in accordance with Method 1. Refer to the University's General Course Rules (8.37), for information on the methods of calculating Honours.

Course Program

Subjects (by year)		Session	Credit Points
First Year			
LLB 100	Foundations of Law A	Autumn	8
LLB 110	Legal Research and Writing	Autumn	4
LLB 120	Law of Contract A	Autumn	8
LLB 130	Criminal Law and Process A	Autumn	8
LLB 150	Communication Skills	Autumn	2
LLB 140	Advocacy Skills	Spring	2
LLB 160	Foundations of Law B	Spring	8
LLB 170	Law of Contract B	Spring	8
LLB 180	Criminal Law and Process B	Spring	8
LLB 197	Lawyers and Australian Society	Spring	6
Second Year			
LLB 220	Property and Trusts A	Autumn	8
LLB 230	Public Law A	Autumn	8
LLB 240	Law of Torts	Autumn	8
LLB 260	Dispute Management Skills	Autumn	2
LLB 270	Property and Trusts B	Spring	8
LLB 280	Public Law B	Spring	8
LLB 290	Legal Theory	Spring	8
LLB 250	Drafting Skills	Spring	2
Third Year			
LLB 300	Remedies and Procedure	Autumn	8
LLB 302	Law of Business Organisations	Autumn	8
2 LLB Electives		Autumn	16
LLB 301	Evidence	Spring	8
3 LLB Electives		Spring	24
LLB 397	Legal Internship	Autumn/Spring	2
Fourth Year			
6 LLB Electives		Autumn	48

Electives

Students must successfully complete elective subjects to the value of 88 credit points from the Bachelor of Laws Elective Law Schedule – see Bachelor of Laws (Graduate Entry).

Other Information

Further information is available at http://coursefinder.uow.edu.au/ or email: law-enquiries@uow.edu.au

Bachelor of Laws (Graduate Entry)

Testamur Title:	Bachelor of Laws
Abbreviation:	LLB
My University:	Law, Laws, Legal
Duration:	3 years full-time or part-time equivalent
Total Credit Points:	180
Delivery Mode:	On-campus
Starting Session(s):	Autumn
Location:	Wollongong
UOW Course Code:	770
UAC Code:	756101
CRICOS Code:	004339G

Overview

This degree program is available only to graduates of other disciplines and consists entirely of Law subjects with a narrower range of elective options. The University of Wollongong aims to provide a legal education which: equips students with a critical and questioning attitude; offers a broad perspective; and provides the foundation for a career in an extensive range of legal work.

Entry Requirements / Assumed Knowledge

To be eligible to apply for the Bachelor of Laws (Graduate Entry), applicants must hold a Bachelor's degree from an approved university. Applications for the Bachelor of Laws (Graduate Entry) will be assessed on academic performance.

Credit Transfer

Students may apply for credit transfer for relevant subjects completed at approved tertiary institutions. Refer to http://www.uow.edu.au/about/policy/UOW058649.html

Course Requirements

Students who enrol in the Bachelor of Laws (Graduate Entry) must complete the following:

a) all compulsory Law subjects as set out in the relevant Course Program;

b) elective subjects to the value of 40 credit points from the Bachelor of Laws Elective Law Schedule.

Honours

To be eligible for the award of Bachelor of Laws Honours, a candidate must complete the elective LLB313 Legal Research Project as part of the above Course Requirements. The Honours grade will be calculated in accordance with Method 4 in the University's General Course Rules (8.37).

As an alternative to the WAM-based Honours system, eligible students may complete an additional year of study towards the award of a Bachelor of Laws Honours by Research degree. In order to be eligible for this 'end-on' full year honours, students must have completed all LLB degree requirements with a WAM calculated by Method 4 of 70% or more. To be eligible for the award of Bachelor of Laws Honours by Research, a candidate must complete LLB448 Research Honours in Law in addition to the above Course Requirements. The Honours grade will be calculated in accordance with Method 1 in the University's General Course Rules (8.37).

Course Program

Subjects (by year)		Session	Credit Points
First Year			
LLB 100	Foundations of Law A	Autumn	8
LLB 110	Legal Research and Writing	Autumn	4
LLB 120	Law of Contract A	Autumn	8
LLB 130	Criminal Law and Process A	Autumn	8
LLB 150	Communication Skills	Autumn	2
LLB 140	Advocacy Skills	Spring	2
LLB 160	Foundations of Law B	Spring	8
LLB 170	Law of Contract B	Spring	8
LLB 180	Criminal Law and Process B	Spring	8

LLB 197	Lawyers and Australian Society	Spring	6
Second Year			
LLB 220	Property and Trusts A	Autumn	8
LLB 230	Public Law A	Autumn	8
LLB 240	Law of Torts	Autumn	8
LLB 260	Dispute Management Skills	Autumn	2
LLB 270	Property and Trusts B	Spring	8
LLB 280	Public Law B	Spring	8
LLB 290	Legal Theory	Spring	8
LLB 250	Drafting Skills	Spring	2
LLB 397	Legal Internship	Autumn/Spring	2
Third Year			
LLB 300	Remedies and Procedure	Autumn	8
LLB 302	Law of Business Organisations	Autumn	8
2 LLB Electives		Autumn	16
LLB 301	Evidence	Spring	8
3 LLB Electives		Spring	24

Elective Law Schedule

Subject		Session	Credit Points
LLB 303	Family Law	Autumn	8
LLB 304	Criminal Law and the Process of Justice	*	8
LLB 313	Legal Research Project A	Autumn/Spring	8
LLB 316	Occupational Health and Safety Law	Autumn	8
LLB 317	E-Commerce Law	*	8
LLB 318	Corporate Finance & Securities Regulation Law	*	8
LLB 319	International Business Law	*	8
LLB 320	Commercial and Consumer Contracts	*	8
LLB 321	Banking Law	*	8
LLB 322	Objects and Subjects: Law, Things & Everyday Life	*	8
LLB 323	Consumer Protection and Product Liability Law	Spring	8
LLB 324	Public Interest Law	Spring	8
LLB 325	Children and the Law	Autumn	8
LLB 326	Gender, Sexuality and the Law	*	8
LLB 327	Securities Regulation	Spring	8
LLB 328	Law and Humanities	Autumn	8
LLB 330	Law of Employment	Autumn	8
LLB 331	Intellectual Property Law	Spring	8
LLB 332	Labour Regulation	Spring	8
LLB 333	Advanced Administrative Law	*	8
LLB 334	Environmental Law	Spring	8
LLB 335	Anti-Discrimination Law	Spring	8
LLB 337	Comparative Studies in Law	*	8
LLB 338	International Trade Law	*	8
LLB 339	Advanced Criminal Law and Procedure	*	8
LLB 340	Corporate Takeovers – Securities Regulation	*	8
LLB 341	Revenue Law	Spring	8
LLB 343	International Law	Autumn/Spring	8
LLB 344	Indigenous Peoples and Legal Systems	Autumn	8
LLB 348	Media Law	Autumn	8
LLB 349	Feminism and the Law	*	8

LLB 350	Special Study in Law A	Spring	8
LLB 351	Special Study in Law B	*	8
LLB 352	Jessup International Law Moot	*	8
LLB 353	Contemporary Issues in Southeast Asian Law	*	8
LLB 354	Human Rights Law	Autumn	8
LLB 355	Bankruptcy and Corporate Insolvency Law and Practice	*	8
LLB 356	Insurance Law	*	8
LLB 357	Conflict of Laws	*	8
LLB 358	Marine Resources Law	*	8
LLB 359	Corporate Governance	Spring	8
LLB 360	Foreign Investment in the People's Republic of China	*	8
LLB 361	Law and Popular Culture	*	8
LLB 362	Advanced Revenue Law	*	8
LLB 363	Advanced Family Law	*	8
LLB 364	Islamic Law	Spring	8
LLB 365	International and Comparative Intellectual Property Law	*	8
LLB 366	Animal Law	*	8
LLB 367	Elder Law	*	8
LLB 375	Special Studies in Law C	*	8
LLB 376	Special Studies in Law D	*	8
LLB 377	Special Studies in Law E	*	8
LLB 378	Special Studies in Law F	*	8
LLB 379	Special Studies in Law G	*	8
LLB 380	Special Studies in Law H	*	8
LLB 381	Special Studies in Law I	Autumn	8
LLB 382	Special Studies in Law J	*	8
LLB3918	Law of Land and Nature Conservation	*	8
LLB3919	Water Resources Law	*	8
LLB3920	Land Development Law	*	8
LLB3921	Marine Resources Law	*	8
LLB3922	International Maritime Environmental Law	*	8
LLB3923	Law of the Sea	Autumn	8
LLB3924	International Environmental Law	*	8
LLB3958	International and Comparative Criminal Law	*	8
SOC 222	Crime, Criminality and Criminalisation	*	8
SOC 244	Punishment: Purpose, Practice, Policy	Spring	8
STS 250	Social Aspects of Genetics and Biotechnology	Autumn	8
STS 300	The Environmental Context: Imagining a Zero Carbon Future	Autumn	8
STS 309	Future Tense: Politics and Regulations of Technoscience	Spring	8

** Not available in 2013*

Professional Recognition

On completion of the Bachelor of Laws degree, a student who wishes to practise as a barrister or solicitor must undertake some form of professional practical training, the requirements for which vary between each state and territory of Australia.

In New South Wales, a student who intends to qualify for admission to practice as a legal practitioner is required to undertake a practical legal training course accredited by the Legal Profession Admission Board, followed by or incorporating a period of practical experience in a law-related setting. The Faculty of Law has established a Professional Legal Training Program and its Professional Legal Training Course has been accredited by the Legal

Profession Admission Board. The course has its foundations in the University of Wollongong Bachelor of Laws. The course is offered over 20 weeks in a flexible mode integrating training with professional experience.

In some instances the course is also available to final year law students, so that they are qualified for admission to practice as soon as they finish their Bachelor of Laws degree.

Other Information

Students who intend to practise as lawyers after admission should obtain further information about restricted practice and the mandatory continuing legal education requirements from the Law Society of New South Wales. Students who intend to practice as barristers after admission will be required to read with a senior barrister for a period of time and to undertake the Bar Readers' Course before being qualified to take briefs on their own account. Further information is available from the New South Wales Bar Association.

Further information is available at http://coursefinder.uow.edu.au/ or email: law-enquiries@uow.edu.au

Bachelor of Laws Honours by Research

Testamur Title:	Bachelor of Laws Honours by Research
Abbreviation:	LLB(Hons-Res)
My University:	Law, Laws, Legal
Duration:	1 year full-time or part-time equivalent
Total Credit Points:	48
Delivery Mode:	On-campus
Starting Session(s):	Autumn/Spring
Location:	Wollongong
UOW Course Code:	893
CRICOS Code:	069474G

Overview

This degree program consists entirely of an end-on year honours year for LLB students. The University of Wollongong's Laws Honours program aims to provide a legal education which equips students with a critical and questioning attitude, offers a broad perspective and provides the foundation for a career in an extensive range of legal work. This program enables students to apply this knowledge in the context of a major legal research project.

Entry Requirements / Assumed Knowledge

Students must have completed all requirements for their LLB degree, or their combined LLB degree, with a WAM of 70% or more calculated by Method 4 in the University's General Course Rules (8.37) in their LLB subjects in order to be eligible to apply for entry into this course. Entry must be approved by the Associate Dean, in consultation with the LLB Honours Coordinator. The Associate Dean shall not approve entry into this course unless the LLB Honours Coordinator, the student's proposed supervisor and the student have agreed on the program of study that will form the basis of the course curriculum for this degree.

Credit Transfer

No credit transfer is available for this course.

Course Requirements

Students who enrol in the Bachelor of Laws Honours by Research must complete the subject LLB448 Research Honours in Law (48 credit points).

The Honours grade will be calculated in accordance with Method 1 in the University's General Course Rules (8.37), ie. based entirely on performance in 400 level subjects.

Course Program

Subjects (by year)		Session	Credit Points
LLB 448	Research Honours in Law	Autumn/Spring	48

Other Information

Further information is available at http://coursefinder.uow.edu.au/ or email: law-enquiries@uow.edu.au

Bachelor of Laws Honours by Research

Testamur Title:	Bachelor of Laws Honours by Research
Abbreviation:	LLB(Hons-Res)
My University:	Law, Laws, Legal
Duration:	4 years full-time or part-time equivalent
Total Credit Points:	228
Delivery Mode:	On-campus
Starting Session(s):	Autumn
Location:	Wollongong
UOW Course Code:	1771
UAC Code:	756100
CRICOS Code:	055107A

Overview

This degree program consists entirely of Law subjects with a broader range of elective options. The Faculty aims to provide a legal education which equips students with a critical and questioning attitude, offers a broad perspective and provides the foundation for a career in an extensive range of legal work. This program enables students to apply this knowledge in the context of a major legal research project in their final year of study.

Entry Requirements / Assumed Knowledge

Students must have completed all compulsory subjects in the Bachelor of Laws (Direct Entry) program [Course Code 1777], and 40 credit points from the Bachelor of Laws elective schedule, with a WAM (weighted average mark) of 70% or more calculated by Method 4 in the University's General Course Rules (8.37) in all of their LLB subjects in order to be eligible to apply for entry into this course. Entry must be approved by the Associate Dean, in consultation with the LLB Honours Coordinator. The Associate Dean (Teaching & Learning) shall not approve entry into this course unless the LLB Honours Coordinator, the student's proposed supervisor and the student have agreed on the program of study that will form the basis of the course curriculum for the fourth year of this degree.

Credit Transfer

Students may apply for credit transfer for relevant subjects completed at approved tertiary institutions. Refer to http://www.uow.edu.au/about/policy/UOW058649.html.

Course Requirements

Students who enrol in the Bachelor of Laws Honours by Research, must complete the following:

a) all compulsory Law subjects in the sequence set out in the relevant Course Program;

b) elective subjects to the value of 40 credit points from the Bachelor of Laws Elective Law Schedule;

c) the subject LLB448 Research Honours in Law.

The Honours grade will be calculated in accordance with Method 1 referred to in the University's General Course Rules (8.37) that is based entirely on performance in 400 level subjects.

Course Program

Subjects (by year)		Session	Credit Points
First Year			
LLB 100	Foundations of Law A	Autumn	8
LLB 110	Legal Research and Writing	Autumn	4
LLB 120	Law of Contract A	Autumn	8
LLB 130	Criminal Law and Process A	Autumn	8
LLB 150	Communication Skills	Autumn	2
LLB 140	Advocacy Skills	Spring	2
LLB 160	Foundations of Law B	Spring	8
LLB 170	Law of Contract B	Spring	8
LLB 180	Criminal Law and Process B	Spring	8
LLB 197	Lawyers and Australian Society	Spring	6
Second Year			
LLB 220	Property and Trusts A	Autumn	8

LLB 230	Public Law A	Autumn	8
LLB 240	Law of Torts	Autumn	8
LLB 260	Dispute Management Skills	Autumn	2
LLB 270	Property and Trusts B	Spring	8
LLB 280	Public Law B	Spring	8
LLB 290	Legal Theory	Spring	8
LLB 250	Drafting Skills	Spring	2
LLB 397	Legal Internship	Spring	2
Third Year			
LLB 300	Remedies and Procedure	Autumn	8
LLB 302	Law of Business Organisations	Autumn	8
2 LLB Electives		Autumn	16
LLB 301	Evidence	Spring	8
3 LLB Electives		Spring	24
Fourth Year			
LLB 448	Research Honours in Law	Autumn and Spring	48

Electives

Students must successfully complete elective subjects to the value of 40 credit points from the Bachelor of Laws Elective Law Schedule – see Bachelor of Laws (Graduate Entry).

Other Information

Further information is available at http://coursefinder.uow.edu.au/ or email: law-enquiries@uow.edu.au

Bachelor of Laws Joint Honours by Research

Testamur Title:	Bachelor of Laws Joint Honours by Research
Abbreviation:	LLB(Jt Hons-Res)
My University:	Law, Laws, Legal
Duration:	1 year full-time or part-time equivalent
Total Credit Points:	48
Delivery Mode:	On-campus
Starting Session(s):	Autumn/Spring (Autumn only for LLB Joint Honours by Research with Creative Arts)
Location:	Wollongong
UOW Course Code:	1826
CRICOS Code:	069404K

Overview

This degree program consists of an end-on year to a combined LLB degree during which students undertake a joint research program approved by the LLB Honours Coordinator and the relevant authority in the other discipline. This program aims to provide a legal education which equips students with a critical and questioning attitude, offers a broad perspective and provides the foundation for a career in an extensive range of legal work. This program enables students to apply this knowledge in a multi-disciplinary context.

Entry Requirements / Assumed Knowledge

Students must have completed all requirements for their LLB double degree with a WAM (weighted average mark) calculated by Method 4 in the University's General Course Rules (8.37) of 70% or more* (in their LLB subjects and overall) in order to be eligible to apply. Entry must be approved by Associate Dean, in consultation with the LLB Honours Coordinator and the relevant authority in other disciplines.

The Associate Dean shall not approve entry into this course unless the LLB Honours Coordinator and the relevant authority in the other discipline have agreed, in consultation with the student, on the program of study that will form the basis of the course curriculum for the degree.

** The other discipline may specify other minimum entry requirements. Prospective candidates for the LLB Joint Honours by Research in the Creative Arts discipline need to possess a high level of research competency and a strong foundation in theoretical work; they should have a demonstrated ability to focus on a defined topic and to sustain an argument. In general, a WAM at distinction level in both theory and practice in prior undergraduate study is recommended. Please note only Autumn session commencement is possible for the LLB Joint Honours by Research with Creative Arts.*

Credit Transfer

No credit transfer is available for this course.

Course Requirements

Students who enrol in the Bachelor of Laws Joint Honours by Research, must complete the following:

a) the subject LLB424 Joint Honours in Law and another discipline (24cp) and;

b) an honours subject/s in the other Faculty (24cp).

The Honours grade will be calculated in accordance with Method 1 in the University's General Course Rules (8.37), ie. based entirely on performance in 400 level subjects.

Course Program

Subjects (by year)		Session	Credit Points
LLB 424	Joint Honours in Law and Another Discipline	Annual	24
	An honours subject/s in the other Faculty (determined in consultation with the relevant authority in the other discipline)	Annual	24

Other Information

Further information is available at http://coursefinder.uow.edu.au/ or email: law-enquiries@uow.edu.au

Bachelor of Marine Science
Bachelor of Marine Science Advanced

Testamur Title:	Bachelor of Marine Science, Bachelor of Marine Science Advanced
Abbreviation:	BMarSc, BMarScAdv
Home Faculty	Science, Marine, Marine Science, Marine Biology, Marine Geosciences
Duration:	3 years full-time or part-time equivalent, 4 years full-time or part-time equivalent
Total Credit Points:	144 or 192
Delivery Mode:	On campus (Face-to-face)
Starting Session(s):	Autumn
Location:	Wollongong
UOW Course Code:	789, 789A
UAC Code:	757622, 757623
CRICOS Code:	039553A, 059835C

Overview

The Bachelor of Marine Science is a coursework degree with a broad emphasis on the marine sciences. The program consists of core subjects in each of the three years plus a flexible range of optional subjects. Subjects from across the ranges of relevant disciplines have been included together with a number of specially designed marine subjects.

Entry Requirements

Bachelor of Marine Science (789)

Australian Tertiary Admission Rank (ATAR) of 85 (or equivalent). The ATAR is reviewed each year.

Bachelor of Marine Science Advanced (789A)

Australian Tertiary Admission Rank (ATAR) of 95 (or equivalent). The ATAR is reviewed each year.

Assumed Knowledge

Four units of Science (including Biology or Chemistry) or four units comprising Science and Mathematics. Students who have not completed Biology and/or Chemistry at the HSC are strongly recommended to enrol in bridging courses offered in February each year.

Course Requirements

Students who have not completed HSC Mathematics at Band 4 or higher (or equivalent) are required to complete a mathematics subject (MATH151 or equivalent) normally in the first year.

Students may only count 60 credit points of 100-level subjects towards the degree.

Students must complete a minimum of 32 credit points of 300-level subjects.

Students must have a grade of Pass (not Pass Supplementary) or higher in at least 24 credit points of 300-level core subjects which form part of a Science major.

Bachelor of Marine Science (789)

This is a prescribed program of study comprising core and optional subjects as set out below.

Bachelor of Marine Science Advanced (789A)

Students who are eligible for this degree fulfil all of the same requirements as Bachelor of Marine Science candidates but are also eligible for additional benefits and challenges, and proceed directly to a fourth Honours year. For further information refer to the Bachelor of Science Advanced (741A) and consult the Degree Coordinator.

Course Program

Subjects		Session	Credit Points
First Year			
Core			
Autumn Session			
BIOL104	Evolution, Biodiversity and Environment	Autumn	6
BIOL105	Functional Biology and Animals and Plants	Autumn	6
CHEM101	Chemistry 1A: Introductory Physical and General Chemistry	Autumn	6
Plus ONE Autumn session subject from the following subjects:			
EESC101	Planet Earth	Autumn	6
EESC103	Landscape Change and Climatology	Autumn	6
Spring Session			
BIOL103	Molecules, Cells and Organisms	Spring	6
CHEM102	Chemistry 1B: Structure and Reactivity of Molecules for Life	Spring	6
EESC102	Earth Environments and Resources	Spring	6
Plus ONE Spring session subject from the following subjects:			
EESC104	The Human Environment: Sustainability, Cities and Cultures	Spring	6
MATH111	Applied Mathematical Modelling I	Spring	6
MGMT110	Introduction to Management	Spring	6
SCIE103	Climate Change	Spring	6
STAT252	Statistics for the Natural Sciences	Spring	6
STS 112	The Scientific Revolution	Spring	6
STS 216	Environment in Crisis	Spring	6
Second Year			
Core			
BIOL240	Biodiversity of Marine and Freshwater Organisms	Autumn	6
BIOL251	Principles of Ecology	Autumn	6
MARE200	Introduction to Oceanography	Autumn	6
MATH151	General Mathematics 1A (if required)	Autumn	6
EESC204	Introductory Spatial Science	Autumn or Spring	6
EESC216	Sediments and Fuels	Spring	6
STAT252	Statistics for the Natural Sciences*	Spring	6
	**If not completed in First Year*		
Options			
Select from the following subjects to complete 48 credit points in Second Year:			
BIOL213	Principles of Biochemistry	Autumn	6
EESC201	Earth's Inferno	Autumn	6
EESC203	Biogeography and Environmental Change	Autumn	6
PHYS233	Introduction to Environmental Physics	Autumn	6
BIOL215	Introductory Genetics	Spring	6
BIOL241	Biodiversity of Terrestrial Organisms	Spring	6
BIOL252	Evolution and Behaviour	Spring	6
CHEM214	Analytical and Environmental Chemistry	Spring	6
EESC208	Environmental Impact of Societies	Spring	6
STS 216	Environment in Crisis	Spring	6
EESC250	Field Geology	Summer	6
Third Year			
Core			
BIOL351	Conservation Biology: Marine and Terrestrial Populations	Autumn	8
EESC305	Remote Sensing of the Environment	Autumn	8
BIOL355	Marine and Terrestrial Ecology	Spring	8
EESC302	Coastal Environments: Process and Management	Spring	8
MARE300	Fisheries and Aquaculture	Spring	8
Options			
Plus one of the following subjects:			
BIOL303	Biotechnology: Applied Cell and Molecular Biology	Autumn	8
BIOL332	Ecological and Evolutionary Physiology	Autumn	8
EESC301	Plate Tectonics, Macrotopography and Earth History	Autumn	8
EESC303	Fluvial Geomorphology and Sedimentology	Autumn	8
EESC304	Geographic Information Science	Spring	8
STAT355	Sample Surveys and Experimental Design (with project)	Autumn	8
EESC306	Resources and Environments	Spring	8
MARE357	Advances in Molluscan Biology	Not offered in 2013	
MARE393	Advanced Marine Science Project	Autumn, Spring or Summer	8
Or other subjects approved by the Coordinator			

Honours

Marine Science students who receive a Weighted Average Mark (WAM) of 79% or greater in at least three 300-level subjects that comprise a coherent specialisation (as defined by the Coordinator) may proceed to an Honours year (a one year research project) within either the School og Biological sciences or the School of Earth & Environmental Sciencess or jointly in both disciplines.

The Honours grade will be calculated in accordance with Method 1. For further information refer to General Course Rules Section 8

Further Information

Further information is available at http://coursefinder.uow.edu.au/ or email: science-enquiries@uow.edu.au

Bachelor of Marine Science Honours

Testamur Title:	Bachelor of Marine Science Honours
Abbreviation:	BMarSc(Hons)
My University:	Science, Marine Science, Marine Biology, Marine, Marine Geosciences, Honours
Duration:	1 year full-time or part-time equivalent
Total Credit Points:	48
Delivery Mode:	On campus (Flexible)
Starting Session(s):	Autumn or Spring
Location:	Wollongong
UOW Course Code:	741_3
UAC Code:	N/A
CRICOS Code:	048494K

Overview

Students who have fulfilled the requirements of a Bachelor of Marine Science and achieved the required academic standard may undertake an Honours degree – a year of research training in the discipline.

The Honours degree provides students with the first real opportunity to undertake research on a topic of their interest.

The Honours year is particularly important as it represents a gateway to future research opportunities, both in the form of higher research degrees and as a career in research, or to other vocations that require advanced analytical and research skills.

The Honours grade will be calculated in accordance with Method 1 as defined in the General Course Rules Section 8.

Entry Requirements / Assumed Knowledge

Students may apply to enrol in an Honours degree after the requirements of the Pass degree have been fulfilled, normally at the prescribed academic standard. This standard is usually a Weighted Average Mark (WAM) of 70% or greater in at least three 300-level subjects that comproise a coherent specialisation (as defined by the Coordinator). Admission to Honours is by recommendation of the relevant Head of School and approval by the Dean or Associate Dean of the Faculty, and acceptance by an academic supervisor in the discipline.

By arrangement with the Schools involved, it is possible to undertake Joint Honours, a research thesis spanning two disciplines.

Students proceeding directly from a three year degree to Honours do not graduate until after they have completed Honours. However, it is possible to graduate with a Pass degree and then decide to undertake Honours at a later date, either at this University or at another University. Graduates from other Universities may also apply to undertake Honours at the University of Wollongong.

Course Requirements

To graduate with a Bachelor of Marine Science Honours degree, candidates undertake a Marine Science research thesis together with any other required assignments and seminars. Students enrol in the appropriate 400-level Honours subject, as follows.

Course Program

Subjects		Session	Credit Points
MARE401	Marine Science Honours	Annual	48
or			
MARE402	Marine Science Honours Part 1 (Part-Time Students)	Annual	24
and			
MARE403	Marine Science Honours Part 2 (Part-Time Students)	Annual	24

Further Information

Further information is available at http://coursefinder.uow.edu.au/ or email: science-enquiries@uow.edu.au

Bachelor of Mathematics

Testamur Title:	Bachelor of Mathematics
Abbreviation:	BMath
My University:	Mathematics, Statistics, Maths
Duration:	3 years full-time or part-time equivalent
Total Credit Points:	144
Delivery Mode:	On campus (Face-to-face)
Starting Session(s):	Autumn/Spring
Location:	Wollongong
UOW Course Code:	762
UAC Code:	756511
CRICOS Code:	002936B

Overview

This degree is designed to give the graduate a solid foundation in all the skills needed to pursue a career as a professional mathematician or statistician. It is flexible enough to allow students to specialise in an area that is of particular interest, or to gain an introduction to a wide variety of topics. One third of the subjects taken may be from other disciplines, such as computer science, management, finance or science.

Entry Requirements / Assumed Knowledge

Approximate ATAR: 75

Assumed knowledge: Any two units of English plus HSC Mathematics (not General Mathematics).

Recommended studies: HSC Mathematics Extension 1.

For entry requirements for students 21 and over or international students, please refer to the relevant prospectus.

Course Requirements

The following requirements for the Bachelor of Mathematics degree are to be read in conjunction with the General Course Rules. Students who enrol in Bachelor of Mathematics, must satisfactorily complete at least 144 credit points which must include:

1.	MATH187	Mathematics 1: Algebra and Differential Calculus
	AND	
	MATH188	Mathematics 2: Series and Integral Calculus
2.	MATH111	Applied Mathematical Modelling 1
	OR	
	MATH212	Applied Mathematical Modelling 2
3.	MATH121	Discrete Mathematics
	OR	
	MATH222	Continuous Mathematics
4.	STAT131	Understanding Variation and Uncertainty
	OR	
	STAT231	Probability and Random Variables
5.	CSCI114	Procedural Programming
6.	each of the subjects:	
	MATH201	Multivariate and Vector Calculus
	MATH202	Differential Equations 2
	MATH203	Linear Algebra
	MATH204	Complex Variables and Group Theory
7.	at least one of the subjects:	
	MATH212	Applied Mathematical Modelling 2
	MATH222	Continuous Mathematics
	STAT231	Probability and Random Variables (not additional to 2 or 3 or 4)
8.	300- and/or 400-level subjects from the Mathematics Schedule of subjects with a value of at least:	

	a. 36 credit points, or
	b. 24 credit points, should a major study in Computer Science also be satisfactorily completed, or
	c. 30 credit points, should any other major study also be satisfactorily completed†
	d. 48 credit points being composed of 24 credit points of MATH/INFO and credit points of STAT subjects should a double major in both Mathematics and Statistics be completed
9.	within requirements 1. to 8., a major study in either Mathematics or Applied Statistics, and
10.	no more than 60 credit points at the 100-level.
After satisfying the above requirements, the balance of subjects may be selected from either or both the Mathematics Schedule and the General Schedule	

†Note: a double degree is not considered to be a double major.

Mathematics Schedule of Subjects

The following subjects are approved for inclusion in the Bachelor of Mathematics degree.

Subjects		Session	Credit Points
100-Level			
MATH187	Mathematics 1: Algebra and Differential Calculus	Autumn	6
MATH188	Mathematics 2: Series and Integral Calculus	Spring	6
MATH111	Applied Mathematical Modelling 1	Spring	6
MATH121	Discrete Mathematics	Spring	6
CSCI114	Procedural Programming	Autumn/Spring	6
STAT131	Understanding Variation and Uncertainty	Autumn	6
200-Level			
MATH201	Multivariate and Vector Calculus	Autumn	6
MATH202	Differential Equations 2	Spring	6
MATH203	Linear Algebra	Autumn	6
MATH204	Complex Variables and Group Theory	Spring	6
MATH212	Applied Mathematical Modelling 2	Spring	6
MATH222	Continuous Mathematics	Autumn	6
STAT231	Probability and Random Variables	Autumn	6
STAT232	Estimation and Hypothesis Testing	Spring	6
300-Level			
MATH302	Differential Equations 3	Autumn	6
MATH305	Partial Differential Equations	Spring	6
MATH312	Applied Mathematical Modelling 3	n/o 2013	6
MATH313	Industrial Mathematical Modelling	Spring	6
MATH317	Financial Calculus	Autumn	6
MATH321	Numerical Analysis	Spring	6
MATH322	Algebra	n/o 2013	6
MATH323	Topology and Chaos	n/o 2013	6
MATH324	Calculus of Variations and Geometry	Spring	6
MATH325	Wavelets	Autumn	6
MATH329	Medical Mathematics and Applications	Autumn	6
MATH371	Special Topics in Industrial and Applied Mathematics 3	n/o 2013	6
MATH372	Special Topics in Mathematical Analysis 3	n/o 2013	6
STAT304	Applied Probability and Financial Risk	Autumn	6
STAT332	Linear & Generalised Linear Models	Spring	6
STAT333	Statistical Inference	Spring	6
STAT335	Sample Surveys and Experimental Design	Autumn	6
STAT373	Special Topics in Probability and Statistics 3	Spring	6
STAT374	Special Topics in Applied Statistics 3	Spring	6
400-Level			

INFO411	Data Mining and Knowledge Discovery	Autumn	6
INFO412	Mathematics for Cryptography	Autumn	6

Honours

A fourth year of study, Honours, is available to students who have achieved a Credit average or better in the Bachelor of Mathematics. It is a more challenging program that includes a research project. Students who wish to enter the Honours program should obtain the approval of the Honours Coordinator at the end of their third year.

Professional Recognition

The Bachelor of Mathematics is accredited by the Australian Mathematical Society.

Areas of Major Study

Candidates may complete a major in

- Mathematics or
- Applied Statistics or
- a double major in Mathematics and Statistics or
- a double major in Mathematics/Statistics and another discipline, such as Computer Science, Economics, Accountancy, Management, Marketing or Finance.

All candidates are expected to consult with the course or discipline advisers before committing themselves completely to any particular pattern, whether outlined below or not.

Mathematics

To satisfy the requirements for a major study in Mathematics, a student shall satisfactorily complete (at a grade of Pass or better) any MATH, STAT or INFO subjects listed in the Mathematics Subject Schedule, to a total of at least 48 credit points; of which at least 18 credit points must be at 200- level and at least 24 credit points must be at 300-level.

The following suggested programs are intended as a guideline only in selecting suitable supplementary subjects to make a reasonable pattern for Mathematics degrees in the various fields of Mathematics.

Applied Statistics

To satisfy the requirements for a major study in Applied Statistics, a student shall satisfactorily complete (at a grade of Pass or better) any MATH or STAT subjects listed in the Mathematics Schedule, to a total of at least 48 credit points; of which at least 12 credit points must be at 200- level and must include STAT231 and STAT232; and at least 24 credit points must be of 300- level STAT subjects.

The following suggested program is intended as a guideline only in selecting suitable supplementary subjects to make a reasonable pattern for a major in Applied Statistics.

Suggested Program in Applied Statistics

Subjects		Session	Credit Points
Year 1			
MATH187	Mathematics 1: Algebra and Differential Calculus	Autumn	6
MATH188	Mathematics 2: Series and Integral Calculus	Spring	6
MATH111	Applied Mathematical Modelling 1	Spring	6
MATH121	Discrete Mathematics	Spring	6
STAT131	Understanding Variation and Uncertainty	Autumn	6
CSCI114	Procedural Programming	Autumn/Spring	6
Plus			
Subjects chosen from the Mathematics or General Schedules			12
Year 2			
MATH201	Multivariate and Vector Calculus	Autumn	6
MATH202	Differential Equations 2	Spring	6
MATH203	Linear Algebra	Autumn	6
MATH204	Complex Variables and Group Theory	Spring	6
STAT231	Probability and Random Variables	Autumn	6
STAT232	Estimation and Hypothesis Testing	Spring	6
Plus			

Subjects chosen from the Mathematics or General Schedules			12
Year 3			
STAT304	Applied Probability and Financial Risk	Autumn	6
STAT332	Linear & Generalised Linear Models	Spring	6
STAT333	Statistical Inference	Spring	6
STAT335	Sample Surveys and Experimental Design	Autumn	6
Plus			
Subjects chosen from the Mathematics Schedule			12
Plus			
Subjects chosen from the Mathematics or General Schedules			12

Double Major in Mathematics and Applied Statistics

To satisfy the requirement for a double major in Mathematics and Applied Statistics, a student shall satisfactorily complete at least 24 credit points of 300 level STAT subjects (at a grade of Pass or better) and at least 24 credit points of 300 level MATH subjects (at a grade of Pass or better). Any of the 400 level INFO subjects listed in the Mathematics Schedule may be substituted for a 300 level MATH subject.

Double Major in Mathematics/Applied Statistics and another discipline

Candidates wishing to major in Mathematics and/or Applied Statistics and another discipline are advised to first consult with the Degree Coordinator for verification of their intended program. Majors must be registered with Academic Registrar's Division in order to be included on the student's testamur upon graduation.

Double majors in Mathematics/Applied Statistics and Computer Science and various Commerce disciplines are defined below.

Double majors with Computer Science

Mathematics and Computer Science

Applied Statistics and Computer Science

This double major requires satisfactory completion of a major study in Mathematics or Applied Statistics and satisfactory completion of the following approved 48 credit point major study in Computer Science:

Subjects		Session	Credit Points
CSCI103	Algorithms & Problem Solving	Autumn/Spring	6
CSCI114	Procedural Programming	Autumn/Spring	6
CSCI124	Applied Programming	Autumn/Spring	6
CSCI204	Object and Generic Programming in C++	Autumn/Spring	6
Plus	300-level CSCI subjects		24
To ensure a wider range of options at 300-level, students are advised to undertake at least one additional CSCI subject at 200-level.			

Double majors in Commerce

Mathematics and Accountancy

Applied Statistics and Accountancy

Mathematics and Economics

Applied Statistics and Economics

Mathematics and Finance

Applied Statistics and Finance

Mathematics and Management

Applied Statistics and Management

Mathematics and Marketing

Applied Statistics and Marketing

These double majors require satisfactory completion of a major study in Mathematics or Applied Statistics and satisfactory completion of a major study in Accountancy or Economics or Finance or Management or Marketing as outlined in the Bachelor of Commerce entry. Note, however, that students are not required to complete the core subjects as listed in the Bachelor of Commerce, except where those subjects are prerequisites to subjects in the major. All students must satisfy subject prerequisites except where waivers have been granted. Alternatively candidates may wish to consider enrolling in the Bachelor of Mathematics and Finance.

Other Information

Further information is available at http://coursefinder.uow.edu.au/ or email: informatics_enquiries@uow.edu.au

Bachelor of Mathematics Advanced

Testamur Title:	Bachelor of Mathematics Advanced
Abbreviation:	BMathAdv
My University:	Maths, Mathematics, Statistics
Duration:	3 years full-time or part-time equivalent
Total Credit Points:	144
Delivery Mode:	On campus (Face-to-face)
Starting Session(s):	Autumn/Spring
Location:	Wollongong
UOW Course Code:	762_2
UAC Code:	756512
CRICOS Code:	036040F

Overview

This challenging Bachelor degree is available to students who have superior mathematical knowledge on entry, allowing the amount of first year mathematics subjects to be significantly reduced. This enables students to take enrichment projects, which provide opportunities to build links with industry and to understand the interaction between mathematics and society. Students will also have close interaction with active academic researchers.

Entry Requirements / Assumed Knowledge

Approximate ATAR: 90

Assumed Knowledge: HSC Mathematics Extension 2

For entry requirements for students 21 and over or international students, please refer to the relevant prospectus.

Course Requirements

Students who enrol in Bachelor of Mathematics Advanced must satisfactorily complete at least 144 credit points which must include:

1.	MATH110 Advanced Mathematics
2.	CSCI114 Procedural Programming
3.	each of the subjects:
	MATH201 Multivariate and Vector Calculus
	MATH202 Linear Algebra
	MATH203 Differential Equations 2
	MATH204 Complex Variables and Group Theory
4.	each of the subjects:
	MATH212 Applied Mathematical Modelling 2
	MATH222 Continuous Mathematics
	STAT231 Probability and Random Variables
5.	MATH235 Mathematics Project A
	OR
	STAT235 Statistics Project A
6.	MATH345 Mathematics Project
	OR
	STAT345 Statistics Project
7.	300- and/or 400- level subjects from the Mathematics Schedule with a value of at least:
	a. 36 credit points, or
	b. 24 credit points, if there is a major study in Computer Science
	c. 30 credit points, if there is any other major study

	d. 48 credit points being composed of 24 credit points of MATH/INFO and 24 credit points of STAT subjects as well as at least one of MATH354 or STAT345 should a double major in both Mathematics and Statistics be completed.
8.	a. a major study in Mathematics or Statistics (apart from MATH345 and STAT345)
	b. to satisfy the requirement for a double major in Mathematics and Applied Statistics, a student shall satisfactorily complete at least 24 credit points of 300 level STAT subjects (at a grade of pass or better), at least 24 credit points of 300 level MATH subjects (at a grade of pass or better) as well as at least one of MATH345 or STAT345. Any of the 400 level INFO subjects listed in the Mathematics Schedule may be substituted for a 300 level MATH subject.
9.	no more than 60 credit points at 100- level
10.	continuation in the Bachelor of Mathematics Advanced will normally be dependent upon achieving an average of at least 75% each year. Students who do not meet the required average will be transferred to the Bachelor of Mathematics degree.
Note that a student could do some 300-level subjects in second year.	
After satisfying the above requirements, the balance of subjects may be selected from either or both the Mathematics and the General Schedule	

Honours

A fourth year of study, Honours, is available to students who have achieved a Distinction average or better in the Bachelor of Mathematics Advanced. It is a challenging program that includes a research project.

Professional Recognition

The Bachelor of Mathematics Advanced is accredited by the Australian Mathematical Society.

Course Program

Below are two of the possible options.

Recommended Program in Mathematics, Statistics plus another discipline

The following is a possible program of maths/statistics subjects for someone intending to complete a second major in another discipline (ie a discipline other than Mathematics, Statistics or Computer Science).

The requirements for the second major may vary according to discipline chosen. Some majors are listed under the Bachelor of Mathematics degree regulations; for others, candidates may need to check with the relevant school/unit.

Subjects		Session	Credit Points
Year 1			
MATH110	Advanced Mathematics	Autumn	6
MATH201	Multivariate and Vector Calculus	Autumn	6
MATH203	Linear Algebra	Autumn	6
MATH202	Differential Equations 2	Spring	6
CSCI114	Procedural Programming	Autumn/Spring	6
Plus	Other subjects		18
Year 2			
MATH235	Mathematics Project A	Autumn/Spring	6
OR			
STAT235	Statistics Project A	Autumn/Spring	6
STAT231	Probability and Random Variables	Autumn	6
MATH204	Complex Variables and Group Theory	Spring	6
MATH212	Applied Mathematical Modelling 2	Spring	6
MATH222	Continuous Mathematics	Autumn	6
Plus	Other subjects		18
Year 3			
MATH345	Mathematics Project B	Autumn/Spring	6
OR			
STAT345	Statistics Project B	Autumn/Spring	6
Plus	MATH/STAT 300- level subjects		24
Plus	Other Major subjects		18

Recommended Program in Applied Statistics

Subjects		Session	Credit Points
Year 1			
MATH110	Advanced Mathematics	Autumn	6
MATH201	Multivariate and Vector Calculus	Autumn	6
MATH203	Linear Algebra	Autumn	6
MATH202	Differential Equations 2	Spring	6
CSCI114	Procedural Programming	Autumn/Spring	6
Plus	Other subjects		18
Year 2			
STAT231	Probability and Random Variables	Autumn	6
STAT232	Estimation and Hypothesis Testing	Spring	6
STAT235	Statistics Project A	Autumn/Spring	6
MATH204	Complex Variables and Group Theory	Spring	6
MATH212	Applied Mathematical Modelling 2	Spring	6
MATH222	Continuous Mathematics	Autumn	6
Plus	Other subjects		12
Year 3			
STAT304	Applied Probability and Financial Risk	Autumn	6
STAT332	Linear and Generalised Linear Models	Spring	6
STAT333	Statistical Inference	Spring	6
STAT335	Sample Surveys and Experimental Design	Autumn	6
STAT345	Statistics Project B	Autumn/Spring	6
Plus one 300-level subject chosen from the Mathematics Schedule			6
Plus	Other subjects		12

Other Information

Further information is available at http://coursefinder.uow.edu.au/ or email: informatics_enquiries@uow.edu.au

Bachelor of Mathematics Advanced Honours

Testamur Title:	Bachelor of Mathematics Advanced Honours
Abbreviation:	BMathAdvHons
My University:	Maths, Mathematics, Statistics
Duration:	1 year (2 full-time sessions) or part-time equivalent
Total Credit Points:	48
Delivery Mode:	Face-to-face
Starting Session(s):	Autumn/Spring
Location:	Wollongong
UOW Course Code:	761_2
UAC Code:	NA
CRICOS Code:	049639A

Overview

Honours is a fourth year of study added on to the end of an undergraduate degree. It is a more challenging program that includes a research project. Students who wish to enter the Honours program should obtain the approval of the Honours Coordinator at the end of their third year.

Entry Requirements

Students must have achieved a Distinction average or better in the Bachelor of Mathematics Advanced, and need to submit an application through UniAdvice.

Course Requirements

A student must complete 48 cp to be eligible for the award of Honours. This is made up of a research project (37.5%) and coursework (62.5%).

Five coursework topics must be chosen, subject to approval from the Honours Coordinator. Normally these topics are comprised of four 400-level subjects from those on offer in the Mathematics Schedule and one 300-level subject.

A candidate will complete a substantial research project in an area of interest under the close supervision of one or more members of the mathematics/statistics staff.

Grade of Honours

The overall grade of Honours is determined by Method 1 (as described in the General Course Rules).

Honours Guide and Code of Practice – Honours

The Honours Guide provides detailed information for mathematics and statistics students. Students should also refer to the general University Code of Practice - Honours.

Enrolment

Full-time students enrol in one 24 credit point subject each session (eg enrol in MATH409 in both Autumn and Spring). Part-time students enrol in the 12 credit point equivalent each session for 4 sessions.

Subjects		Session	Credit Points
MATH409	Mathematics Advanced (Honours)	Autumn/Spring	24
STAT409	Statistics Advanced (Honours)	Autumn/Spring	24
MATH410	Mathematics Advanced (Honours) part-time	Autumn/Spring	12
STAT410	Statistics Advanced (Honours) part-time	Autumn/Spring	12

Other Information

Further information is available at http://coursefinder.uow.edu.au/ or email: informatics_enquiries@uow.edu.au

Bachelor of Mathematics Honours

Testamur Title:	Bachelor of Mathematics Honours
Abbreviation:	BMathHons
My University:	Mathematics, Maths, Statistics
Duration:	1 year full-time or part-time equivalent
Total Credit Points:	48
Delivery Mode:	Face-to-face
Starting Session(s):	Autumn/Spring
Location:	Wollongong
UOW Course Code:	761
UAC Code:	NA
CRICOS Code:	001569F

Overview

Honours is a fourth year of study added on to the end of an undergraduate degree. It is a more challenging program that includes a research project. Students who wish to enter the Honours program should obtain the approval of the Honours Coordinator at the end of their third year.

Entry Requirements

Students must have achieved a Credit average or better in the Bachelor of Mathematics (or equivalent degree at another institution) and submit an application through UniAdvice.

Course Requirements

A student must complete 48 credit points to be eligible for the award of Honours. A candidate must select 7 topics (a candidate may select 8 or more topics with approval from the Honours Coordinator) from those on offer at the 400 level in Mathematics and Statistics and complete a Project.

The coursework topics are usually sessional, and a candidate will normally take 4 topics in one session, 3 in the other. With the approval of the Honours Coordinator, up to 2 of these topics may be replaced by 300 level Mathematics and Statistics subjects that may be considered appropriate to complement a particular candidate's previous undergraduate studies.

A candidate will complete a Project in an area of interest under the close supervision of one or more members of staff in the discipline.

Grade of Honours

The overall grade of Honours is determined by Method 1 (as described in the General Course Rules).

Honours Guide and Code of Practice – Honours

Honours Guide provides detailed information for SMAS students. Students should also refer to the general University Code of Practice - Honours.

Enrolment

Full-time students enrol in one 24 credit point subject each session. Part-time students enrol in the 12 credit point equivalent each session.

Subjects		Session	Credit Points
MATH402	Mathematics 4 (Honours)	Autumn/Spring	24
STAT402	Statistics 4 (Honours)	Autumn/Spring	24
MATH403	Mathematics 4 (Honours) part-time	Autumn/Spring	12
STAT403	Statistics 4 (Honours) part-time	Autumn/Spring	12

Other Information

Further information is available at http://coursefinder.uow.edu.au/ or email: informatics_enquiries@uow.edu.au

Bachelor of Mathematics and Finance

Testamur Title:	Bachelor of Mathematics and Finance
Abbreviation:	BMathFin
My University:	Informatics
Duration:	4 years full-time or part-time equivalent
Total Credit Points:	192
Delivery Mode:	On campus (Face-to-face)
Starting Session(s):	Autumn/Spring
Location:	Wollongong
UOW Course Code:	767
UAC Code:	756503
CRICOS Code:	016107B

Overview

The Bachelor of Mathematics and Finance is a degree that provides graduates with a firm foundation in both mathematics and finance.

The degree covers the basics of corporate finance, financial institutions and investments, and allows students to specialise through the choice of elective subjects.

Entry Requirements / Assumed Knowledge

Approximate ATAR: 85

Assumed Knowledge: Any two units of English plus HSC Mathematics (not General Mathematics).

Recommended Studies: HSC Mathematics Extension 1

For entry requirements for students 21 and over or international students, please refer to the relevant prospectus.

Course Requirements

Students who enrol in Bachelor of Mathematics and Finance shall satisfactorily complete at least 192 credit points of prescribed subjects, together with the requirements prescribed for the program.

Of the 192 credit points:

- the subjects listed in the Recommended Program are compulsory unless explicitly stated otherwise;
- no more than 66 credit points shall be for 100-level subjects;

For the non-Honours strand, at least 60 credit points shall be for 300- and/or 400-level subjects; including

- at least 24 credit points of MATH/STAT/INFO* subjects and
- at least 24 credit points of ACCY/FIN/ECON subjects;

For the Honours strand,

- 12 credit points shall be for the project INFO401 or INFO402 and
- at least 54 additional credit points shall be for 300- and/or 400-level subjects; the 54 additional credit points shall include at least:
  - 18 credit points of MATH/STAT/INFO* subjects,
  - 18 credit points of ACCY/FIN/ECON subjects,
  - 18 credit points of 400-level subjects, and
- at least one 400-level 6 credit point MATH, STAT or INFO* subject other than MATH407.

**Refers to INFO subjects in the List of Electives.*

Areas of Major Study

All Bachelor of Mathematics and Finance students wishing to qualify for one of the major studies must satisfy all the Course Rules specified above. To qualify for a major, additional requirements must be met, which are detailed below together with suggested programs of study. The possible majors are:

Quantitative Corporate Finance and Investments

This major targets those students interested in careers in the tools, analysis and making of corporate and business financial decision-making from a quantitative perspective. These decision processes may be short-term or long-term. Long-term decisions typically deal with the choice and type of corporate investments, sources of equity or debt funding and financial risk management. Short-term decisions mainly deal with working capital management of short-term assets and liabilities. There are several professional bodies covering corporate treasurers and analysts.

Mathematical Economics

The aim of this major is to provide students with a grounding in the necessary skills for the application of mathematical methods, concepts and reasoning to economic theory and problem solving in both micro-economics and macro-economics. The mathematical foundation includes econometrics, financial and linear modelling and calculus, differential equations, statistics and associated topics.

Risk Management and Insurance

This major is intended for students interested in financial risk management and the actuarial profession. Risk management is now recognised as an essential part of strategic objectives at both personal, corporate and government levels. A strong background in mathematics and statistics which this specialisation provides is essential to a career in corporate and banking risk management such as market, credit and operational risk. The profession covers a wide range of activities including the assessing, quantifying, monitoring and mitigating of financial risk exposures for projects, companies and financial institutions. It also monitors compliance with relevant financial regulations. In particular, actuaries are professionals with strong mathematical backgrounds who deal with the financial impact of risk and uncertainty. In Australia, the Institute of Actuaries of Australia is the relevant professional body.

Financial Planning

This major is particularly applicable to those who wish to pursue a career within the financial services industry by gaining professional qualifications in the areas of providing financial planning and financial advice to clients. The areas of service provision are very wide including investment and asset portfolio construction and advice, superannuation, retirement and estate planning and associated services. In Australia, the Financial Planning Association of Australia is the relevant professional body.

Quantitative and Computational Trading

On successful completion of this major, students will have a solid foundation in mathematical finance and the specialist practical skills necessary to be successful as a quantitative trader. Students will acquire mathematical, statistical, financial and computer skills to understand, implement and develop computer-driven trading strategies and be able to make informed investment decisions and evaluate portfolio risks.

Students are encouraged to look at these majors and discuss the choice of subjects with their Course Coordinator.

Course Program

The following program of study is recommended to satisfy the requirements in minimum time. The subjects listed are compulsory unless otherwise stated.

Subjects		**Session**	**Credit Points**
Year 1			
ACCY111	Accounting Fundamentals in Society	Autumn/Spring	6
ACCY112	Accounting in Organisations	Autumn/Spring	6
ECON111	Introductory Microeconomics	Autumn/Spring	6
MATH187	Mathematics 1: Algebra and Differential Calculus	Autumn	6
MATH188	Mathematics 2: Series and Integral Calculus	Spring	6
MATH111	Applied Mathematical Modelling 1	Spring	6
STAT131	Understanding Variation and Uncertainty#	Autumn	6
Plus either			
ISIT111	Programming Concepts	Autumn/Spring	6
or			
CSCI114	Procedural Programming	Autumn/Spring	6
# Not compulsory, but highly recommended. Students may select an alternative subject from the List of Electives or enrol in a compulsory subject from a later year of the program			
Year 2			
FIN 222	Corporate Finance	Autumn/Spring	6
ECON101	Macroeconomic Essentials for Business	Autumn/Spring	6
MATH201	Multivariate and Vector Calculus	Autumn	6
MATH202	Differential Equations 2	Spring	6
FIN 223	Investment Analysis	Spring	6
STAT231	Probability and Random Variables	Autumn	6
STAT232	Estimation and Hypothesis Testing	Spring	6
Plus			
Subject chosen from List of Electives			6
Year 3			
FIN 322	Advanced Corporate Finance	Spring	6
FIN 323	Portfolio Analysis	Autumn	6
ECON331	Financial Economics	Spring	6
MATH203	Linear Algebra	Autumn	6
MATH317	Financial Calculus	Autumn	6
STAT332	Linear and Generalised Linear Models	Spring	6
Plus			
Subjects chosen from List of Electives			12
Year 4 (Non Honours)			
Subjects chosen from List of Electives			48
Year 4 (Honours)			
Entry to this program is restricted to candidates who satisfy the prerequisite to INFO401 or INFO402			
MATH407	Research Methods	Autumn	6
INFO401	Mathematics and Finance Honours Project (see Note 4)	Annual	12
or			
INFO402	Mathematics and Economics Honours Project (see Note 4)	Annual	12
Plus			
Subjects chosen from List of Electives			30

Note 4: Enrolment in INFO401 and INFO402 is restricted to those candidates who have a WAM greater than or equal to 67.5 on satisfactory completion of 144 credit points of the course.			
List of Electives			
Any MATH, STAT, FIN or ECON subject plus the subjects below.			
ACCY200	Financial Accounting IIA	Autumn/Spring	6
ACCY201	Financial Accounting IIB	Spring	6
ACCY228	Tax Planning	Spring	6
MATH407	Research Methods	Autumn	6
CSCI103	Algorithms and Problem Solving	Autumn/Spring	6
CSCI124	Applied Programming	Autumn/Spring	6
CSCI204	Object and Generic Programming in C++	Autumn/Spring	6
CSCI235	Databases	Spring	6
IACT201	Professional Practice and Ethics	Autumn	6
INFO411	Data Mining and Knowledge Discovery	Autumn	6
INFO412	Mathematics for Cryptography	Autumn	6
ISIT112	Database	Spring	6
LAW 101	Law, Business and Society	Autumn	6
MARK101	Marketing Principles	Autumn/Spring	6
MGMT110	Introduction to Management	Autumn/Spring	6
MGMT208	Introduction to Management for Professionals A	Autumn	6

Honours

Students who enrol in the Honours program must satisfactorily complete the requirements listed in Year 4 (Honours) of the Course Program above. The classes of Honours awarded are defined in the General Course Rules Section 8. The Honours grade will be calculated in accordance with Method 2.

Professional Recognition

The Bachelor of Mathematics and Finance is accredited by the Australian Mathematical Society.

Completion of this degree provides 'points' towards membership of Financial Services Institute of Australasia (FINSIA). (Their membership system allocates points based on a person's qualifications and industry experience. See their website for more details.)

The Bachelor of Mathematics and Finance major "Financial Planning" has been placed on the Australian Securities and Investment Commission's (ASIC) training register. This means that students completing this major will satisfy Tier 1 of ASIC's training requirements relevant to a range of advisory activities. Such accreditation is very important for those wishing to pursue quantitative careers in the financial services industry.

Students who complete the "Risk Management and Insurance" major and who wish to pursue a professional actuarial qualification are eligible for entry to the Master of Actuarial Studies (1.5 years) at the University of New South Wales (minimum credit average 65% grade), the Master of Actuarial Practice (1.5 years) at Macquarie University (minimum GPA of 3), and the Master of Actuarial Statistics (1 year) or Master of Actuarial Studies (2 year) programs at the Australian National University (minimum 65% grade in last two years of study). Students may also qualify for exemptions in these courses and should contact program directors about the level of professional qualification offered in each Masters degree.

Other Information

Further information is available at http://coursefinder.uow.edu.au/ or email: informatics_enquiries@uow.edu.au

Major in Quantitative and Computational Trading

Course Program

Subjects		Session	Credit Points
100-Level			
ACCY111	Accounting Fundamentals in Society	Autumn	6
MATH187	Mathematics 1: Algebra and Differential Calculus	Autumn	6
MATH188	Mathematics 2: Series and Integral Calculus	Spring	6
ECON111	Introductory Microeconomics	Spring	6
ACCY112	Accounting in Organisations	Spring	6

CSCI103	Algorithms and Problem Solving	Autumn/Spring	6
CSCI114	Procedural Programming	Autumn/Spring	6
CSCI124	Applied Programming	Autumn/Spring	6
200-Level			
FIN222	Corporate Finance	Autumn/Spring	6
MATH203	Linear Algebra	Autumn	6
MATH201	Multivariate & Vector Calculus	Autumn	6
STAT231	Probability & Random Variables	Autumn	6
MATH202	Differential Equations 2	Spring	6
FIN223	Investment Analysis	Spring	6
CSCI204	Object and Generic Programming in C++	Autumn/Spring	6
STAT232	Estimation & Hypothesis Testing	Spring	6
300-Level			
FIN323	Portfolio Analysis	Autumn	6
FIN322	Advanced Corporate Finance	Spring	6
MATH317	Financial Calculus	Autumn	6
STAT304	Applied Probability & Financial Risk	Autumn	6
CSCI212	Interacting Systems	Autumn	6
CSCI222	Systems Development	Autumn/Spring	6
STAT332	Linear & Generalised Linear Models	Spring	6
ECON331	Financial Economics	Spring	6
STAT373	Special Topics in Probability and Statistics 3	Spring	6
MATH371	Special Topics in Industrial and Applied Mathematics 3	Spring	6
MATH372	Special Topics in Mathematical Analysis 3	Autumn/Spring	6
400-Level			
INFO411	Data Mining and Knowledge Discovery	Autumn	6
Honours Strand			
INFO401	Mathematics & Finance Honours Project	Annual	12
MATH407	Research Methods	Autumn	6
Plus 6 credit points of electives.			
Non-Honours Strand			
Plus 24 credit points of electives.			

Other Information

Further information is available at http://coursefinder.uow.edu.au/ or email: informatics_enquiries@uow.edu.au

Major in Mathematical Economics

The major study has the additional requirements that the following subjects be completed from the elective list: ECON205, ECON215, ECON240, ECON322, ECON327 and MATH302.

Course Program

Subjects		Session	Credit Points
Year 1			
ACCY111	Accounting Fundamentals in Society	Autumn	6
ECON101	Macroeconomic Essentials for Business	Autumn	6
MATH187	Mathematics 1: Algebra and Differential Calculus	Autumn	6
ACCY112	Accounting in Organisations	Spring	6
ECON111	Introductory Microeconomics	Spring	6
MATH111	Applied Mathematical Modelling 1	Spring	6
MATH188	Mathematics 2: Series and Integral Calculus	Spring	6
Plus either			6
ISIT111	Programming Concepts	Autumn	6

or			
CSCI114	Procedural Programming	Autumn	6
Year 2			
ECON205	Macroeconomic Theory and Policy	Autumn	6
ECON215	Microeconomic Theory and Policy	Spring	6
MATH201	Multivariate and Vector Calculus	Autumn	6
MATH202	Differential Equations 2	Spring	6
FIN222	Corporate Finance	Autumn	6
STAT231	Probability & Random Variables	Autumn	6
FIN223	Investment Analysis	Spring	6
STAT232	Estimation & Hypothesis Testing	Spring	6
Year 3			
MATH317	Financial Calculus	Autumn	6
MATH203	Linear Algebra	Autumn	6
FIN323	Portfolio Analysis	Autumn	6
ECON327	Advanced Econometrics	Spring	6
FIN322	Advanced Corporate Finance	Spring	6
STAT332	Linear & Generalised Linear Models	Spring	6
ECON240	Financial Modelling	Spring	6
Plus 6 credit points from the list of Bachelor of Mathematics and Finance electives			6
Year 4 (Non Honours)			
ECON331	Financial Economics	Spring	6
ECON322*	Mathematical Economics	Autumn	6
MATH302	Differential Equations 3	Autumn	6
Plus			
30 credit points from List of Electives			30
Year 4 (Honours)			
ECON331	Financial Economics	Spring	6
MATH302	Differential Equations 3	Autumn	6
MATH407	Research Methods	Autumn	6
INFO402	Mathematics and Economics Honours Project	Annual	12
ECON322*	Mathematical Economics	Autumn	6
Plus			
12 credit points from the List of Electives			12

**when enrolling in ECON322, request waiver of prerequisite on the basis of statistics subjects completed.*

Other Information

Further information is available at http://coursefinder.uow.edu.au/ or email: informatics_enquiries@uow.edu.au

Major in Risk Management and Insurance

The major study has the additional requirements that the following subjects be completed from the elective list: STAT131, STAT304, STAT333, ECON205, FIN320 and FIN328.

For the non-Honours program, MATH305 and STAT335 must also be completed.

Course Program

Subjects		Session	Credit Points
100-Level			
ACCY111	Accounting Fundamentals in Society	Autumn	6
MATH187	Mathematics 1: Algebra and Differential Calculus	Autumn	6
STAT131	Understanding Variation and Uncertainty	Autumn	6
MATH188	Mathematics 2: Series and Integral Calculus	Spring	6

ACCY112	Accounting in Organisations	Spring	6
ECON111	Introductory Microeconomics	Spring	6
MATH111	Applied Mathematical Modelling 1	Spring	6
ISIT111	Programming Concepts	Autumn	6
or			
CSCI114	Procedural Programming	Autumn	6
200-Level			
FIN222	Corporate Finance	Autumn	6
ECON101	Macroeconomic Essentials for Business	Autumn	6
MATH201	Multivariate & Vector Calculus	Autumn	6
STAT231	Probability & Random Variables	Autumn	6
ECON205	Macroeconomic Theory & Policy	Spring	6
FIN223	Investment Analysis	Spring	6
MATH202	Differential Equations 2	Spring	6
STAT232	Estimation & Hypothesis Testing	Spring	6
300-Level			
FIN323	Portfolio Analysis	Autumn	6
MATH203	Linear Algebra	Autumn	6
MATH317	Financial Calculus	Autumn	6
STAT304	Applied Probability & Financial Risk	Autumn	6
FIN320	Risk and Insurance	Spring	6
FIN322	Advanced Corporate Finance	Spring	6
MATH305	Partial Differential Equations	Spring	6
STAT332	Linear & Generalised Linear Models	Spring	6
400-Level (Non Honours)			
ECON331	Financial Economics	Spring	6
FIN328	Retirement and Estate Planning	Autumn	6
STAT335	Sample Surveys & Experimental Design	Autumn	6
STAT333	Statistical Inference	Spring	6
Plus 24 credit points of electives.			
400-Level (Honours)			
MATH407	Research Methods	Autumn	6
FIN328	Retirement and Estate Planning	Autumn	6
ECON331	Financial Economics	Spring	6
STAT333	Statistical Inference	Spring	6
INFO401	Mathematics & Finance Honours Project	Annual	12
Plus 12 credit points of electives.			

Other Information

Further information is available at http://coursefinder.uow.edu.au/ or email: informatics_enquiries@uow.edu.au

Major in Quantitative Corporate Finance and Investment

The major study has the additional requirements that the following subjects be completed from the elective list: CSCI114, CSCI103, CSCI124, MATH305, MATH317 and STAT304.

For the Honours program, STAT471, MATH472 AND FIN423 must also be completed.

For the non-Honours program, MATH321, FIN320 and FIN351 must also be completed.

Recommended program

Subjects		Session	Credit Points
100-Level			
ACCY111	Accounting Fundamentals in Society	Autumn	6
MATH187	Mathematics 1: Algebra and Differential Calculus	Autumn	6

ECON101	Macroeconomic Essentials for Business	Autumn	6
CSCI114	Procedural Programming	Autumn	6
ACCY112	Accounting in Organisations	Spring	6
ECON111	Introductory Microeconomics	Spring	6
MATH188	Mathematics 2: Series and Integral Calculus	Spring	6
MATH111	Applied Mathematical Modelling 1	Spring	6
200-Level			
CSCI103	Algorithms and Problem Solving	Autumn	6
FIN 222	Corporate Finance	Autumn	6
MATH201	Multivariate & Vector Calculus	Autumn	6
STAT231	Probability & Random Variables	Autumn	6
FIN 223	Investment Analysis	Spring	6
MATH202	Differential Equations 2	Spring	6
STAT232	Estimation & Hypothesis Testing	Spring	6
CSCI124	Applied Programming	Spring	6
300-Level			
FIN 323	Portfolio Analysis	Autumn	6
MATH203	Linear Algebra	Autumn	6
MATH317	Financial Calculus	Autumn	6
STAT304	Applied Probability and Financial Risk	Autumn	6
FIN 351	International Finance	Spring	6
FIN 322	Advanced Corporate Finance	Spring	6
STAT332	Linear & Generalised Linear Models	Spring	6
MATH305	Partial Differential Equations	Spring	6
400-Level (Non Honours)			
ECON331	Financial Economics	Spring	6
FIN 320	Risk and Insurance	Spring	6
MATH321	Numerical Analysis	Spring	6
Plus 30 credit points of electives.			30
400-Level (Honours)			
MATH407	Research Methods	Autumn	6
STAT471	Honours Topics in Statistics A	Autumn	6
MATH472	Honours Topics in Mathematics B	Spring	6
FIN 423	Portfolio Management	Spring	6
INFO401	Mathematics & Finance Honours Project	Annual	12
Plus 12 credit points of electives.			

Other Information

Further information is available at http://coursefinder.uow.edu.au/ or email: informatics_enquiries@uow.edu.au

Bachelor of Mathematics and Finance (Dean's Scholar)

Testamur Titles of Degree:	Bachelor of Mathematics and Finance (Dean's Scholar)
Abbreviations:	BMathFin(Dean's Schol)
My University:	Informatics
Delivery Mode:	On campus (Face-to-face)
Starting Session(s):	Autumn
Location:	Wollongong
UOW Course Code:	1804 - BMathFin(Dean's Scholar)
UAC Codes:	756520
CRICOS Codes:	Same as normal degree program

Overview

The Dean's Scholar degree offers a challenging and enriched educational experience for high-achieving students who want to perform above the level normally expected. The Degree also encourages students to continue their studies through the completion of Honours and research degrees. A limited number of students from across the Faculty are admitted to the program each year, selected from new students with a base rank ATAR of at least 93 or from current students enrolled in an Informatics degree. Current Informatics students who have achieved a Weighted Average Mark (WAM) of 80 at the end of one year of full-time study within the Faculty, may apply to transfer into the Dean's Scholars program.

Dean's Scholars will complete all requirements for their respective degrees and, where possible, may be permitted to take an accelerated program after their first session. Dean's Scholars will receive special privileges and the programs are a distinction easily recognisable to future employers, giving you an edge in competitive employment situations. Dean's Scholars are encouraged to contribute to the scholarly life of the Faculty through events in the Faculty's postgraduate program.

Dean's Scholars will receive individual mentoring and the following privileges:

- $500.00 per annum book allowance (issued as $250 per semester)
- Extended library access
- Free print quota (up to 250 pages per session maximum)
- Free SECTE laboratory kits each session
- Access to accelerated program (where possible)
- Access to an academic mentor – a member of academic staff who advises you on matters concerning your degree
- Opportunity for summer internship (equivalent to the summer scholarships)
- Alignment of the major or honours thesis project with a research project in the assigned research centre.
- Opportunity to improve public speaking skills through 6 monthly membership to UOW Toastmasters program.

Entry Requirements / Assumed Knowledge

ATAR: The Dean's Scholars programs in the listed degrees will be available to students with a base ATAR of above 93, with a limited intake across the Faculty per annum.

Current students (in non-Dean's Scholar degrees listed) are eligible to apply to transfer to the Dean's Scholars program providing they perform to the standard of a WAM of 80 for a full-time load over two (2) sessions. This also applies to students who are not commencing immediately after completing year 12, including those aged 21 years and over or international students. Transfers will only be approved for students who have completed no more than half of their degree (including credit transfers).

Applications

To apply for the Dean's Scholars programs, new students should include the relevant degree as one of your UAC preferences (see the UAC guide for the appropriate code). New and current students also need to complete and submit the following application forms by the closing dates (students who apply may be contacted by the University prior to admission):

Applications for new students (click here for application form) close on 30 September and for current students wishing to transfer (click here for application) close on 31 December and 30 June.

Course Requirements/Eligibility

Course programs for the Dean's Scholar degrees are identical to the current non-Dean's Scholar degrees offered by the Faculty – see relevant Handbook entries.

Bachelor of Mathematics and Finance

Continuation in the Dean's Scholar degrees will normally be dependent on the student achieving a WAM of at least 75 in each year of study. Students who do not meet the required average will be transferred to the equivalent non-Dean's Scholar degree.

Please note that the Dean's Scholars Program is not offered to part-time students and is only available to International Students who are eligible to apply through UAC (for new students), or who have completed one year of full-time study at UOW (for current students). The program is not offered for double degrees and is not a scholarship.

Other Information

Further information is available at http://coursefinder.uow.edu.au/ or email: informatics_enquiries@uow.edu.au

Bachelor of Mathematics Education

Testamur Title:	Bachelor of Mathematics Education
Abbreviation:	BMathEd
My University:	Education, Secondary, Mathematics, Teaching
Duration:	4 years full-time or part-time equivalent
Total Credit Points:	192
Delivery Mode:	On campus
Starting Session(s):	Autumn
Location:	Wollongong
UOW Course Code:	886
UAC Code:	755102
CRICOS Code:	051340B

Overview

The Bachelor of Mathematics Education course provides pre-service educational training for secondary mathematics teachers. The degree focuses on developing teachers who can teach well: who have sound practical teaching skills, knowledge of mathematics to the level of a degree major, and the ability to develop as professional teachers through reflection and action. The degree includes study of mathematics in a range of areas to provide a full mathematics major that can be utilised in both teaching and other community settings. The degree applies an innovative approach to provide students with training in both mathematics and teaching in an integrated fashion.

Students enrolled in this degree will study the following areas:

- Discipline Studies in Mathematics
- Teaching & Learning in Mathematics
- Curriculum & Pedagogy
- Foundation Studies in Education

The degree integrates university and classroom experience throughout the course, using on-campus, on-site (schools and elsewhere) and on-line learning environments.

Entry Requirements / Assumed Knowledge

Assumed knowledge: Any two units of English and Mathematics (not General Mathematics).

Recommended knowledge: HSC Mathematics Extension 1.

The NSW Institute of Teachers (NSWIT) requirements for employment as secondary teachers in NSW schools are: minimum Band 4 in English (Advanced), English (Standard) or English as a Second Language. Students who do not satisfy these requirements must successfully complete *EDLL101* in lieu of one elective prior to graduation.

Course Requirements

Professional Experiences

The course involves placement in schools as part of the Professional Experience component. Professional experiences usually occur in Illawarra, Shoalhaven, Southern Highlands and Southern Sydney schools. Opportunities to undertake a professional experience in Western NSW or in countries such as China, Fiji, Malaysia and Thailand may also be available.

Prohibited Employment Legislation

Under the Child Protection (Prohibited Employment) Act 1998, all students enrolled in this degree are required to complete a Prohibited Employment Declaration before undertaking any professional experience that involves children or young people.

Preservice teachers who participate in internship programs in NSW schools will be required to undergo a Working with Children Check.

Literacy Requirements

To satisfy the outcomes of all professional experiences students will require highly developed written and spoken English literacy skills. Students may be required to complete private tuition or courses in English literacy to develop their spoken and written English skills to a level of competency that will enable them to meet professional experience outcomes. These outcomes are required to satisfactorily pass this course.

Course Program

The Bachelor of Mathematics Education course is run in collaboration with the School of Mathematics and Statistics. The following program details the subjects to be studied, but the order of subjects may change from year to year. Co-and pre-requisite requirements must still be observed.

Subjects		Session	Credit Points
Year 1			
EDPD105	Professional Community 1: The Learning Environment	Autumn	6
MATH187	Mathematics 1: Algebra and Differential Calculus	Autumn	6
ISIT111 Programming Concepts OR **CSCI114 Procedural Programming		Autumn	6
STAT131	Understanding Variation and Certainty	Autumn	6
EDFE101	Education Foundations I: Learning & Development	Spring	6
MATH188	Mathematics 2: Series and Integral Calculus	Spring	6
MATH121	Discrete Mathematics	Spring	6
General schedule elective OR **MATH111 Applied Mathematical Modelling 1		Spring	6
Year 2			
EDLE301	Learners with Exceptional Needs	Autumn	6
EDCM201	Classroom Management Creating Positive Learning Environments	Autumn	6
MATH201	Multivariate and Vector Calculus	Autumn	6
MATH203	Linear Algebra	Autumn	6
EDFE301	Education Foundations 3: Sociology & Cultural Studies	Spring	6
EDPD204	Professional Community 2: Mathematics Teaching	Spring	6
MATH202	Differential Equations 2	Spring	6
MATH111 Applied Mathematical Modelling 1 OR **MATH204 Complex Variables and Group Theory		Spring	6
Year 3			
EDPD304	Professional Community 3: Mathematics Teaching	Autumn	6
STAT231	Probability and Random Variables	Autumn	6
**Two 6cp electives*		Autumn	12
EDAE302	Aboriginal Education	Spring	6
STAT232	Estimation and Hypothesis Testing	Spring	6
MATH204 Complex Variables and Group Theory AND *6cp elective, OR **Two 6cp electives*		Spring	12
Year 4			
EDHP401	Issues in Health and Physical Activity	Autumn	6
Plus: Three 6cp electives*		Autumn	18
EDLA402	Understanding Literacy Needs of Adolescents	Spring	6
EDPD404	Professional Community 4: Mathematics Teaching	Spring	12
EDPD405	Critical Approaches to Curriculum and Pedagogy	Spring	6

**At least five of these electives must be MATH subjects at 300 Level or higher. One of these electives may be substituted by MATH222. The remaining 2 electives may be selected from the general schedule.*

***Students must seek advice from Program Director before selecting this subject.*

Professional Recognition

The Bachelor of Mathematics Education is recognised as a teaching credential in most Australian states and territories, as well as the UK, Asia and Canada.

Other Information

Further information is available at:

UOW Coursefinder: http://coursefinder.uow.edu.au/

Education email: ssc@uow.edu.au

Bachelor of Mathematics Education (Dean's Scholar)

Testamur Title:	Bachelor of Mathematics Education (Dean's Scholar)
Abbreviation:	BMathEd(Dean'sSchol)
My University:	Education, Secondary, Mathematics, Teaching
Duration:	4 years full-time or part-time equivalent
Total Credit Points:	192
Delivery Mode:	On campus
Starting Session(s):	Autumn
Location:	Wollongong
UOW Course Code:	1822
UAC Code:	755202
CRICOS Code:	069475F

Overview

This degree provides an enriched educational experience for motivated, high achieving students who are interested in pursuing a career in the field of mathematics education. The purpose of the Dean's Scholar program is to enhance students' professional knowledge and engagement with the research culture of our Faculty, and build partnerships and contribute to the local community. Dean's scholars will benefit from mentoring, text book allowance, extended library privileges, designated study space, and have special opportunities to attend workshops and seminars. This advice is in addition to the Overview given for the Bachelor of Mathematics Education degree.

Entry Requirements / Assumed Knowledge

Selection is based on ATAR and a successful Dean's Scholar application. Applicants must also satisfy the entry requirements for the Bachelor of Mathematics Education.

For further information on the application and selection process refer to: http://www.uow.edu.au/educ/courses/deansscholar/index.html

Students currently enrolled in a degree at UOW may apply to transfer to the Dean's Scholar program provided they have completed 48 credit points of study at 100 level and have achieved a WAM of 85%.

Course Requirements

Dean's Scholars must fulfill the same course requirements as listed for the Bachelor of Mathematics Education.

Other Information

Further information is available at:

UOW Coursefinder: http://coursefinder.uow.edu.au/

Education email: ssc@uow.edu.au

Bachelor of Mathematics - Bachelor of Laws

Testamur Title:	Bachelor of Mathematics - Bachelor of Laws
Abbreviation:	BMath-LLB
My University:	Applied statistics, Mathematics, Law
Duration:	5.5 years full-time or part-time equivalent
Total Credit Points:	288*
Delivery Mode:	On-campus
Starting Session(s):	Autumn
Location:	Wollongong
UOW Course Code:	774
UAC Code:	751206
CRICOS Code:	005069E

**This is a minimum figure and may vary depending on major.*

Overview

Students commencing University study directly from school may enrol in a double degree course with the Bachelor of Laws. Study in another academic discipline allows students to recognise how law functions in social, economic, technical, environmental and scientific contexts. The Bachelor of Mathematics – Bachelor of Laws offers opportunities for students with and aptitude for, and an interest in, mathematics.

For the first year of the double degree, students enrol in subjects as prescribed in the table below. The first year of the LLB must be completed full time, except where approval is given on equity grounds. In the following four years of the degree, students enrol in subjects from the Law and Mathematics schedules.

Entry Requirements / Assumed Knowledge

For Law:

Assumed knowledge: Any two units of English. Recommended Studies: English Advanced.

For Informatics:

For the Bachelor of Mathematics: Refer to the relevant discipline for entry requirements.

Credit Transfer

Students may apply for credit transfer for relevant subjects completed at approved tertiary institutions. Refer to http://www.uow.edu.au/about/policy/UOW058649.html.

Course Requirements

Students who enrol in the Bachelor of Mathematics - Bachelor of Laws, must complete each the following:

a) all compulsory Law subjects as set out in the relevant Course Program;

b) elective subjects to the value of 40 credit points from the Bachelor of Laws Elective Law Schedule;

c) subjects to the value of at least 108 credit points from the Mathematics Course Schedule or the General Schedule, including a major study in Mathematics;

Note: Students must also satisfy the requirements prescribed for the Bachelor of Mathematics degree.

Honours

To be eligible for the award of Bachelor of Laws (Honours), a candidate must complete the elective LLB313 Legal Research Project as part of the above Course Requirements. The Honours grade will be calculated in accordance with Method 4. Refer to the University's General Course Rules (8.37), for information on the methods of calculating Honours.

As an alternative to the WAM-based Honours system, eligible students may complete an additional year of study towards the award of a Bachelor of Laws Honours by Research degree or the Bachelor of Laws Joint Honours by Research degree.

In order to be eligible for the Bachelor of Laws Honours by Research degree (an 'end-on' full year honours), students must have completed all LLB degree requirements with a WAM calculated by Method 4 of 70% or more. To be eligible for the award of Bachelor of Laws Honours by Research, a candidate must complete LLB448 Research Honours in Law in addition to the above Course Requirements. The Honours grade will be calculated in accordance with Method 1. Refer to the University's General Course Rules (8.37), for information on the methods of calculating Honours. See the Bachelor of Laws Honours by Research degree entry for further details.

In order to be eligible for the Bachelor of Laws Joint Honours by Research degree (an 'end-on' full year honours), students must have completed all requirements for their double degree with a WAM calculated by Method 4 in the University's General Course Rules (8.37) of 70% or more* in their LLB subjects and overall in order to be eligible to apply. Entry must be approved by the Associate Dean, in consultation with the LLB Honours Coordinator and the relevant authority in the other discipline. The Associate Dean shall not approve entry into this course unless the LLB Honours Coordinator and the relevant authority in the other discipline have agreed, in consultation with the student, on the program of study that will form the basis of the course curriculum for the degree. See the Bachelor of Laws Joint Honours by Research degree for further details.

** The other discipline may specify other minimum entry requirements.*

Course Program

Subjects (by year)		Session	Credit Points
First Year			
LLB 100	Foundations of Law A	Autumn	8
LLB 110	Legal Research and Writing	Autumn	4
LLB 120	Law of Contract A	Autumn	8
LLB 130	Criminal Law and Process A	Autumn	8
LLB 150	Communication Skills	Autumn	2
LLB 140	Advocacy Skills	Spring	2

LLB 160	Foundations of Law B	Spring	8
LLB 170	Law of Contracts B	Spring	8
LLB 180	Criminal Law and Process B	Spring	8
LLB 197	Lawyers and Australian Society	Spring	6
Second Year			
LLB 220	Property and Trusts A	Autumn	8
LLB 230	Public Law A	Autumn	8
Subjects from Mathematics and Applied Statistics schedule		Autumn	
LLB 270	Property and Trusts B	Spring	8
LLB 280	Public Law B	Spring	8
Subjects from Mathematics and Applied Statistics schedule		Spring	
Third Year			
LLB 240	Law of Torts	Autumn	8
LLB 260	Dispute Management Skills	Autumn	2
Subjects from Mathematics and Applied Statistics schedule		Autumn	
LLB 250	Drafting Skills	Spring	2
LLB 290	Legal Theory	Spring	8
LLB 397	Legal Internship	Autumn/Spring	2
Subjects from Mathematics and Applied Statistics schedule		Spring	
Fourth Year			
LLB 300	Remedies and Procedure	Autumn	8
LLB 302	Law of Business Organisations	Autumn	8
Subjects from Mathematics and Applied Statistics schedule		Autumn	
LLB 301	Evidence	Spring	8
2 LLB Electives		Spring	16
Subjects from Mathematics and Applied Statistics schedule		Spring	
Fifth Year			
2 LLB Electives		Autumn	16
Subjects from Mathematics and Applied Statistics schedule		Autumn	
1 LLB Elective		Spring	8
Subjects from Mathematics and Applied Statistics schedule		Spring	

Majors

Majors are NOT available in the Bachelor of Laws course. Refer to the Mathematics Schedule for majors available in the Bachelor of Mathematics course.

Electives

Students must successfully complete elective subjects to the value of 40 credit points from the Bachelor of Laws Elective Law Schedule – see Bachelor of Laws (Graduate Entry).

Other Information

Further information is available at http://coursefinder.uow.edu.au/ or email: Law: law-enquiries@uow.edu.au; Mathematics: informatics_studenq@uow.edu.au

Bachelor of Medical and Health Sciences
Bachelor of Medical and Health Sciences Honours

Testamur Title:	Bachelor of Medical and Health Sciences
	Bachelor of Medical and Health Sciences Honours
Abbreviation:	BMedHlthSc
	BMedHlthSc (Hons)
My University:	Medical, Health Science
Duration:	3 years full-time or part-time equivalent
Total Credit Points:	144
	48 (Honours)
Delivery Mode:	On-campus
Starting Session(s):	Autumn
Location:	Wollongong
UOW Course Code:	1830
	1831 (Hons)
UAC Code:	757630
CRICOS Code:	068533J
	068534G (Hons)

Overview

The Bachelor of Medical and Health Sciences is a 3 year flexible program designed specifically for students who have a passion to study the scientific basis of human structure, function and health. The course is built upon core subjects in first year that provide foundation science knowledge in human anatomy, physiology and health. As the degree progresses, there are opportunities for students to customise their program of study to include a wide range of biomedical and behavioural subjects related to the human body and health. This diversity and flexibility makes the Bachelor of Medical and Health Sciences an ideal foundation qualification for a wide range of careers or further study in the medical and health sciences, including higher degree research and postgraduate studies in medicine and allied health professions.

Entry Requirements / Assumed Knowledge

Domestic school leavers are assumed to have completed any 2 units of English, plus 4 units of Science and/or Maths. Chemistry is recommended. Students who have not completed prior senior studies in Biology and/or Chemistry in the HSC are strongly recommended to enrol in bridging courses offered in February each year.

International students are required to have achieved an overall IELTS score of 6.5, with a minimum of 6.0 in all bands of reading, writing, speaking and listening.

Course Requirements

The Bachelor of Medical and Health Sciences degree requires the successful completion of 144 credit points of subjects in accordance with the course structure and recommended subject progression table below. The course should not contain any more than 60 credit points at Level 100. Students may select elective subjects that contribute to the development of a recognised study "minor", for example the Minor Studies in *Introduction to Public Health (26 credit points; see Bachelor Public Health course entry UOW course code 1833), Indigenous Health Studies (see Bachelor of Health Science Indigenous Studies course entry), or Psychology (see Bachelor of Psychology course entry).*

Subject Code	Subject Name	Session	Credit Points
Year 1			
CHEM101	Chemistry 1A: Introductory Physical & General Chemistry	Autumn	6
PSYC101	Introduction to Behavioural Science	Autumn	6
SHS 111	Introduction to Anatomy and Physiology I	Autumn	6
SHS 130	Public Health - Current Issues and Their Determinants	Autumn	6
BIOL103	Molecules, Cells and Organisms	Spring	6
CHEM102	Chemistry 1B: Structure and Reactivity of Molecules for Life	Spring	6
SHS 112	Introduction to Anatomy & Physiology II	Spring	6

Select one 6 credit point elective which can be any subject approved by the Course Coordinator where the student will be accepted by the Subject Coordinator; recommended subjects are:		Spring	6
ECON101	Macroeconomic Essentials for Business	Spring	6
EESC102	Earth Environments and Resources	Spring	6
EESC104	The Human Environment: Problems and Change	Spring	6
INDS150	Introduction to Indigenous Australia	Spring	6
PHYS155	Introduction to Biomedical Physics	Spring	6
SHS 150	Fundamental Concepts in Food and Nutrition	Spring	6
Year 2			
BIOL213	Principles of Biochemistry	Autumn	6
SHS 211	Control Mechanisms Physiology	Autumn	6
Select two 6 credit point subjects approved by the Course Coordinator where the student will be accepted by the Subject Coordinator; Recommended Autumn subjects are:		Autumn	12
CHEM212	Organic Chemistry II	Autumn	6
NMIH240	Current Services in Indigenous Health	Autumn	6
SHS210	Histology	Autumn	6
SHS222	Foundations of Biomechanics	Autumn	6
SHS230	Contemporary Public Health Issues	Autumn	6
SHS231	Health Promotion	Autumn	6
STS219	How Science Works: Theories, Methods, Practices in the Sciences	Autumn	6
NMIH243	Comparative Indigenous Health Issues	Autumn	6
BIOL214	The Biochemistry of Energy and Metabolism	Spring	6
STAT251	Fundamentals of Biostatistics	Spring	6
Select two **6 credit point subjects approved by the Course Coordinator where the student will be accepted by the Subject Coordinator; Recommended Spring subjects are:**		Spring	12
BIOL215	Introductory Genetics	Spring	6
SHS 212	Introduction to Pathophysiology	Spring	6
SHS 220	Musculoskeletal Functional Anatomy	Spring	6
SHS 221	Exercise Physiology	Spring	6
SHS 251	Introduction to Epidemiology	Spring	6
Year 3			
SHS 311	Fundamentals of Neuroscience	Autumn	8
Select two 8 credit point subjects approved by the Course Coordinator where the student will be accepted by the Subject Coordinator; Recommended Autumn subjects are:		Autumn	16
BIOL320	Molecular Cell Biology	Autumn	8
CHEM350	Principles of Pharmacology	Autumn	8
SHS 300	Research Topics	Autumn	8
SHS 321	Advanced Exercise Physiology	Autumn	8
SHS 351	Nutrients and Metabolism	Autumn	8
Select three 8 credit point subjects approved by the Course Coordinator where the student will be accepted by the Subject Coordinator; Recommended Spring subjects are:		Spring	24
BIOL321	Infection and Immunity	Spring	8
CHEM320	Bioinformatics: From Genome to Structure	Spring	8
PHIL380	Bioethics	Spring	8
SHS 310	Regional Anatomy	Spring	8
SHS 312	Advanced Topics in Pathophysiology	Spring	8
SHS 313	Cardiorespiratory Physiology	Spring	8

SHS 330	Health Promotion Competencies	Spring	8
SHS 331	Social Determinants of Indigenous Health	Spring	8

Honours

High achieving students are eligible to apply for entry into the Bachelor of Medical and Health Sciences Honours, which is designed as an additional fourth year of study to provide students with skills to demonstrate excellence in research with a clear understanding of the research question. Entry into the Bachelor of Medical and Health Sciences Honours requires the student to have attained at least a credit average in subjects undertaken during their undergraduate degree. The School of Health Sciences Honours Coordinator and prospective supervisor will determine whether a student's 300-level subjects are appropriate for entry into the Honours program. In addition, admission to the Bachelor of Medical and Health Sciences Honours will be dependent upon the availability of an appropriate supervisor, who must agree to supervise the student prior to admission.

Contact Information

For further information please contact your Course Advisor at http://www.uow.edu.au/health/hbs_central/UOW024550.html

Bachelor of Medical and Health Sciences Advanced Honours

Testamur Title:	Bachelor of Medical and Health Sciences Advanced Honours
Abbreviation:	BMedHlthScAdv(Hons)
My University:	Medical, Health Science
Duration:	4 years full-time or 8 years part-time
Total Credit Points:	192
Delivery Mode:	On-campus
Starting Session(s):	Autumn
Location:	Wollongong
UOW Course Code:	1832
UAC Code:	757631
CRICOS Code:	069350G

Overview

The Bachelor of Medical and Health Sciences Advanced is a 4 year flexible program designed specifically for high-achieving students who have a passion to study the scientific basis of human structure, function and health. The course is built upon core subjects in first year that provide foundation knowledge in human anatomy, physiology and health. As the degree progresses, there are increasing opportunities for students to customise their program of study to include a wide range of biomedical and behavioural subjects related to the human body and health.

This Advanced program provides all students with opportunities to develop their research knowledge and skills throughout their degree and the chance to participate in a variety of research enrichment activities with options to gain hands-on experience in the diverse range of research laboratories located within the School of Health Sciences. In the final year, all students undertake a substantial research project, via SHS400 Honours the one-year research thesis subject. This diversity and flexibility makes the Bachelor of Medical and Health Sciences Advanced Honours an ideal foundation qualification for a wide range of careers or further study in the medical and health sciences, including higher degree research (PhD) and postgraduate coursework studies in medicine and the allied health professions.

Entry Requirements / Assumed Knowledge

Domestic school leavers are assumed to have completed any 2 units of English plus 4 units of Science and/or Maths. Chemistry is highly recommended. Students who have not completed prior senior studies in Biology and/or Chemistry in the HSC are strongly recommended to enrol in bridging courses offered in February each year.

In addition to applying through UAC, students must submit an application form to the School of Health Sciences. Entry into this highly competitive program will be based on application, interview and ATAR.

International students are required to have achieved an overall IELTS score of 6.5, with a minimum level of 6.0 in all bands of reading, writing, speaking and listening.

Course Requirements

The Bachelor of Medical and Health Sciences Advanced requires the successful completion of 192 credit points of subjects in accordance with the course structure and recommended subject progression table below. The course should not contain any more than 60 credit points at Level 100. Students may select elective subjects that contribute to the development of a recognised study "minor", for example the Minor Studies in Introduction to Public Health (26 credit points; see Bachelor Public Health course entry UOW course code 1833), Indigenous

Health Studies (see Bachelor of Health Science Indigenous Studies course entry), or Psychology (see Bachelor of Psychology course entry).

Students must have a distinction average in each session of study as an enrolment requirement for course progression. Students who do not maintain a distinction average in each session will be required to transfer into the Bachelor of Medical and Health Sciences. In the final year of the course, SHS400 does not have graded assessment in Autumn session. The final Honours grade will be calculated in accordance with Method 1, for further information refer to General Course Rules Section 8.

Subject Code	Subject Name	Session	Credit Points
Year 1			
CHEM101	Chemistry 1A: Introductory Physical & General Chemistry	Autumn	6
PSYC101	Introduction to Behavioural Science	Autumn	6
SHS 111	Introduction to Anatomy and Physiology I	Autumn	6
MSHA100	Current Issues in Medical & Health Sciences	Autumn	6
BIOL103	Molecules, Cells and Organisms	Spring	6
CHEM102	Chemistry 1B: Structure and Reactivity of Molecules for Life	Spring	6
SHS 112	Introduction to Anatomy & Physiology II	Spring	6
Select one 6 credit point elective which can be any subject approved by the Course Coordinator where the student will be accepted by the Subject Coordinator; recommended Spring subjects are:		Spring	6
ECON101	Macroeconomic Essentials for Business	Spring	6
EESC102	Earth Environments and Resources	Spring	6
EESC104	The Human Environment: Problems and Change	Spring	6
INDS150	Introduction to Indigenous Australia	Spring	6
PHYS155	Introduction to Biomedical Physics	Spring	6
SHS 150	Fundamental Concepts in Food and Nutrition	Spring	6
Year 2			
BIOL213	Principles of Biochemistry	Autumn	6
SHS 211	Control Mechanisms Physiology	Autumn	6
MHSA200	Research realities in Medical & Health Sciences	Autumn	6
Select one **6 credit point subject approved by the Course Coordinator where the student will be accepted by the Subject Coordinator; recommended Autumn subjects are:**		Autumn	6
CHEM212	Organic Chemistry II	Autumn	6
NMIH240	Current Services in Indigenous Health	Autumn	6
SHS210	Histology	Autumn	6
SHS222	Foundations of Biomechanics	Autumn	6
SHS230	Contemporary Public Health Issues	Autumn	6
SHS231	Health Promotion	Autumn	6
NMIH243	Comparative Indigenous Health Issues	Autumn	6
STS219	How Science Works: Theories, Methods Practices in the Sciences	Spring	8
BIOL214	The Biochemistry of Energy and Metabolism	Spring	6
STAT251	Fundamentals of Biostatistics	Spring	6
Select two **6 credit point subjects approved by the Course Coordinator where the student will be accepted by the Subject Coordinator; recommended Spring subjects are:**		Spring	12
BIOL215	Introductory Genetics	Spring	6
SHS 212	Introduction to Pathophysiology	Spring	6
SHS 220	Musculoskeletal Functional Anatomy	Spring	6
SHS 221	Exercise Physiology	Spring	6
SHS 251	Introduction to Epidemiology	Spring	6
Year 3			

SHS 311	Fundamentals of Neuroscience	Autumn	8
SHS300	Research Topics	Autumn	8
Select one 8 credit point subjects approved by the Course Coordinator where the student will be accepted by the Subject Coordinator; recommended Autumn subjects are:		Autumn	8
BIOL320	Molecular Cell Biology	Autumn	8
CHEM350	Principles of Pharmacology	Autumn	8
SHS321	Advanced Exercise Physiology	Autumn	8
SHS351	Nutrients and Metabolism	Autumn	8
Select three 8 credit point subjects approved by the Course Coordinator where the student will be accepted by the Subject Coordinator; recommended Spring subjects are:		Spring	24
BIOL321	Infection and Immunity	Spring	8
CHEM320	Bioinformatics: From Genome to Structure	Spring	8
PHIL380	Bioethics	Spring	8
SHS310	Regional Anatomy	Spring	8
SHS312	Advanced Topics in Pathophysiology	Spring	8
SHS313	Cardiorespiratory Physiology	Spring	8
SHS330	Health Promotion Competencies	Spring	8
SHS331	Social Determinants of Indigenous Health	Spring	8
Year 4			
SHS400	**Honours**	Annual	48

Further Information

For further information please contact your Course Advisor at http://www.uow.edu.au/health/hbs_central/UOW024550.html

Other Information

Further information is available at http://coursefinder.uow.edu.au/

Bachelor of Medical and Health Sciences - TAFE Diploma of Laboratory Technology

Testamur Title:	Bachelor of Medical and Health Sciences
Abbreviation:	BMedHlthSc
My University:	Medical, Health Science
Duration:	4 years full-time (including one year full-time at TAFE)
Total Credit Points:	144
Delivery Mode:	On-campus
Starting Session(s):	Autumn
Location:	Wollongong and Ultimo TAFE
UOW Course Code:	1830
UAC Code:	757641
CRICOS Code:	068533J

Overview

The Bachelor of Medical and Health Sciences/TAFE Diploma of Laboratory Techniques is a 4 year flexible program designed specifically for students who have a passion to study the scientific basis of human structure, function and health. The course is built upon core subjects in the first year, which provide foundation knowledge in the sciences underpinning human anatomy, physiology and health. As the degree progresses, there are increasing opportunities for students to customise their program of study to include a wide range of biomedical and behavioural subjects related to the human body and health.

In their third year of study students undertake their learning at Ultimo TAFE. This diversity and flexibility makes the Bachelor of Medical and Health Sciences degree an ideal qualification as a basis for wide range of careers or further study in the medical and health sciences, including higher degree research and postgraduate studies in medicine and

allied health professions. It also provides opportunities to for improved vocational outcomes and the development of practical skills through simultaneous enrolment in the university degree and the TAFE diploma.

Entry Requirements / Assumed Knowledge

Domestic school leavers are assumed to have completed any 2 units of English, plus 4 units of Science and/or Maths. Chemistry is recommended. Students who have not completed prior senior studies in Biology and/or Chemistry in the HSC are strongly recommended to enrol in bridging courses offered in February each year.

International students are required to have achieved an overall IELTS score of 6.5, with a minimum of 6.0 in all bands of reading, writing, speaking and listening.

Course Requirements

The Bachelor of Medical and Health Sciences/TAFE Diploma of Laboratory Techniques degree requires the successful completion of 144 credit points of subjects at UOW plus the units specified for the TAFE component in accordance with the course structure and recommended subject progression table below. The course should not contain any more than 60 credit points at Level 100. Students may select elective subjects that contribute to the development of a recognised study "minor", for example the Minor Studies in Introduction to Public Health (26 credit points; see Bachelor Public Health course entry UOW course code 1833), Indigenous Health Studies (see Bachelor of Health Science Indigenous Studies course entry), or Psychology (see Bachelor of Psychology course entry).

Subject Code	Subject Name	Session	Credit Points
Year 1			
CHEM101	Chemistry 1A: Introductory Physical & General Chemistry	Autumn	6
PSYC101	Introduction to Behavioural Science	Autumn	6
SHS 111	Introduction to Anatomy and Physiology I	Autumn	6
SHS 130	Public Health - Current Issues and Their Determinants	Autumn	6
BIOL103	Molecules, Cells and Organisms	Spring	6
CHEM102	Chemistry 1B: Structure and Reactivity of Molecules for Life	Spring	6
SHS 112	Introduction to Anatomy & Physiology II	Spring	6
Select one 6 credit point elective which can be any subject approved by the Course Coordinator where the student will be accepted by the Subject Coordinator; recommended Spring subjects are:		Spring	6
ECON101	Macroeconomic Essentials for Business	Spring	6
EESC102	Earth Environments and Resources	Spring	6
EESC104	The Human Environment: Problems and Change	Spring	6
INDS150	Introduction to Indigenous Australia	Spring	6
PHYS155	Introduction to Biomedical Physics	Spring	6
SHS 150	Fundamental Concepts in Food and Nutrition	Spring	6
Year 2			
BIOL213	Principles of Biochemistry	Autumn	6
SHS 211	Control Mechanisms Physiology	Autumn	6
Select two 6 credit point subjects approved by the Course Coordinator where the student will be accepted by the Subject Coordinator; recommended Autumn subjects are:		Autumn	12
CHEM212	Organic Chemistry II	Autumn	6
NMIH240	Current Services in Indigenous Health	Autumn	6
SHS210	Histology	Autumn	6
SHS222	Foundations of Biomechanics	Autumn	6
SHS230	Contemporary Public Health Issues	Autumn	6
SHS231	Health Promotion	Autumn	6
NMIH243	Comparative Indigenous Health Issues	Autumn	6
STS219	How Science Works: Theories, Methods, Practices in the Sciences	Spring	8
BIOL214	The Biochemistry of Energy and Metabolism	Spring	6
STAT251	Fundamentals of Biostatistics	Spring	6
Select two **6 credit point subjects approved by the Course Coordinator where the student will be accepted by the Subject Coordinator; recommended Spring subjects are:**		Spring	12
BIOL215	Introductory Genetics	Spring	6
SHS 212	Introduction to Pathophysiology	Spring	6
SHS 220	Musculoskeletal Functional Anatomy	Spring	6
SHS 221	Exercise Physiology	Spring	6
SHS 251	Introduction to Epidemiology	Spring	6
Year 3 – TAFE studies – Units from the Laboratory Operations Training Package (MSL09)			
MSL915001A	Provide information to customers		
MSL925001A	Analyse data and report results		
MSL975001A	Perform microbiological tests		
MSL975002A	Perform haematological tests		
MSL975003A	Perform histological tests		
MSL975004A	Perform chemical pathology tests		
MSL975006A	Perform immunohaematological tests		
MSL975014A	Perform molecular biology tests and procedures		
Year 4			
SHS 311	Fundamentals of Neuroscience	Autumn	8
Select two 8 credit point subjects approved by the Course Coordinator where the student will be accepted by the Subject Coordinator; recommended Autumn subjects are:		Autumn	16
BIOL320	Molecular Cell Biology	Autumn	8
CHEM350	Principles of Pharmacology	Autumn	8
SHS 300	Research Topics	Autumn	8
SHS 321	Advanced Exercise Physiology	Autumn	8
SHS 351	Nutrients and Metabolism	Autumn	8
Select three 8 credit point subjects approved by the Course Coordinator where the student will be accepted by the Subject Coordinator; recommended Spring subjects are:		Spring	24
BIOL321	Infection and Immunity	Spring	8
CHEM320	Bioinformatics: From Genome to Structure	Spring	8
PHIL380	Bioethics	Spring	8
SHS 310	Regional Anatomy	Spring	8
SHS 312	Advanced Topics in Pathophysiology	Spring	8
SHS 313	Cardiorespiratory Physiology	Spring	8
SHS 330	Health Promotion Competencies	Spring	8
SHS 331	Social Determinants of Indigenous Health	Spring	8

Contact Information

For further information please contact your Course Advisor at http://www.uow.edu.au/health/hbs_central/UOW024550.html

Bachelor of Medical and Radiation Physics

Testamur Title:	Bachelor of Medical and Radiation Physics
Abbreviation:	BMedRadPhys
My University:	Radiation Physics, Nuclear Medicine, Radiation Oncology Medical Physics, Radiation Detector, Radiation Dosimetry Instrumentation Physics
Duration:	Three years full-time or part-time equivalent
Total Credit Points:	144
Delivery Mode:	On campus (Face-to-face)
Starting Session(s):	Autumn/Spring
Location:	Wollongong
UOW Course Code:	847
UAC Code:	757616
CRICOS Code:	052461G

Overview

The Bachelor of Medical and Radiation Physics degree is designed to produce graduates with a strong background in physics with the specialist skills in Medical Radiation Physics necessary to find employment in hospitals, research or industry.

Students will gain knowledge in areas relating to radiation physics, nuclear medicine, radiation oncology medical physics, radiation detector and radiation dosimetry instrumentation physics. Graduates working in the area require both a theoretical background and practical skills in physics, with an emphasis on advanced knowledge and practice in specialist areas applicable to medical physics.

Professional medical physicists from major hospitals in the State will deliver key lectures and practical work as well as co-supervising thesis work. Students will find that they will move easily into employment and/or postgraduate work in this specialised area.

Entry Requirements/Assumed Knowledge

The approximate ATAR required for entry is 85. Assumed knowledge: Any two units of English plus Physics and Mathematics. Recommended studies: English Advanced, Chemistry and HSC Mathematics Ext. 1. For International students the English language entry criteria will be as indicated on the University Website: www.uow.edu.au/future/interantional/apply/english/index.html.

Course Requirements

All students must complete the required number of credit points (144) and satisfy all course requirements for the degree - refer to course structure below. The Bachelor of Medical and Radiation Physics normally takes three years to complete. All students must take particular notice of the Course Rules regarding minimum rate of progress.

The formal contact hours, methods of teaching and learning and forms of assessment vary from subject to subject. Details will be provided to students at the commencement of each subject by the Subject Coordinator. Students should attend all classes including lectures, tutorials and laboratory classes.

Course Program

Subject		Session	Credit Points
Year 1			
SHS 111	Introduction to Anatomy and Physiology I	Autumn	6
MATH187	Mathematics 1: Algebra and Differential Calculus	Autumn	6
PHYS141	Fundamentals Physics A	Autumn	6
SHS 112	Introduction to Anatomy and Physiology II	Spring	6
MATH188	Mathematics 2: Series and Integral Calculus	Spring	6
PHYS142	Fundamentals Physics B	Spring	6
plus	two electives (6 credit points each)		12
Year 2			
MATH201	Multivariate and Vector Calculus	Autumn	6
MATH203	Linear Algebra	Autumn	6
PHYS205	Advanced Modern Physics	Autumn	6
PHYS235	Mechanics and Thermodynamics	Autumn	6
MATH202	Differential Equations 2	Spring	6
PHYS215	Vibrations, Waves and Optics	Spring	6
PHYS225	Electromagnetism and Optoelectronics	Spring	6
PHYS255	Radiation Physics	Spring	6
Year 3			
PHYS305	Quantum Mechanics	Autumn	6
PHYS325	Electromagnetism	Autumn	6
PHYS365	Detection of Radiation: Neutrons, Electrons and X-Rays	Autumn	6
PHYS366	Physics of Radiotherapy	Autumn	6
PHYS375	Nuclear Physics	Spring	6
PHYS385	Statistical Mechanics	Spring	6
PHYS396	Electronic Materials	Spring	6
plus	one elective		6

Professional Recognition

The Bachelor of Medical and Radiation Physics degree conforms to the requirements for membership of the Australian Institute of Physics.

Further Studies Options

Graduates can apply for entry to the Master of Science – Research or a PhD.

Career Opportunities

Opportunities exist as medical physicists, researchers, occupational health and safety work and in radiation research and development.

Other Information

Further information is available at http://coursefinder.uow.edu.au/ or email: engineering@uow.edu.au

Bachelor of Medical and Radiation Physics Advanced

Testamur Title:	Bachelor of Medical and Radiation Physics Advanced
Abbreviation:	BMedRadPhysAdv
My University:	Radiation Physics, Nuclear Medicine, Radiation Oncology Medical Physics, Radiation Detector, Radiation Dosimetry Instrumentation Physics, Advanced
Duration:	Four years full-time or part-time equivalent
Total Credit Points:	192
Delivery Mode:	On campus (Face-to-face)
Starting Session(s):	Autumn/Spring
Location:	Wollongong
UOW Course Code:	784
UAC Code:	757616
CRICOS Code:	032584F

Overview / Course Aims

The Bachelor of Medical and Radiation Physics Advanced (Honours) degree is designed to produce graduates with a strong background in physics and with the specialist skills in Medical Radiation Physics necessary to find employment in hospitals, research or industry.

Students will gain knowledge in areas relating to radiation physics, nuclear medicine, radiation oncology medical physics, radiation detector and radiation dosimetry instrumentation physics. Graduates working in the area require both a theoretical background and practical skills in physics, with an emphasis on advanced knowledge and practice in specialist areas applicable to medical physics.

Professional medical physicists from major hospitals in the State will deliver key lectures and practical work as well as co-supervising thesis work. Students will find that they will move easily into employment and/or postgraduate work in this specialised area.

Entry Requirements/Assumed Knowledge

The approximate ATAR entry requirement for the Bachelor of Medical and Radiation Physics Advanced is 95. Assumed knowledge: An two units of English plus Physics and Mathematics. Recommended Studies: English

Advanced, Chemistry and Mathematics Ext. 1. For International students the English language entry criteria will be as indicated on the University Website: www.uow.edu.au/future/interantional/apply/english/index.html

Course Requirements

The normal full-time load for a Bachelor of Medical and Radiation Physics Advanced is required to complete 192 credit points. All students must complete the required number of credit points and satisfy all course requirements for a degree before graduation - refer to course structures below.

The Bachelor of Medical radiation Physics Advanced normally takes four years to complete. All students must take notice of the Course Rules regarding minimum rate of progress.

In their final year, each student must prepare a project or thesis on a research topic under the supervision of an academic staff member. The research project is (24 credit points). Other subjects to compete in year four are listed in the course program.

Students must maintain a Weighted Average Mark of 80 to stay in the course.

The formal contact hours, methods of teaching and learning and forms of assessment vary from subject to subject. Explicit details will be provided to students at the commencement of each subject by the subject coordinator.

Honours

This four-year degree will be awarded at either Pass or Honours level, depending on the student's performance throughout the degree. The Honours grade will be calculated in accordance with Method 3. For further information refer to the General Course Rules.

Course Program

Subject		Session	Credit Points
Year 1			
SHS 111	Introduction to Anatomy and Physiology I	Autumn	6
MATH187	Mathematics 1: Algebra and Differential Calculus	Autumn	6
PHYS141	Fundamentals Physics A	Autumn	6
SHS 112	Introduction to Anatomy and Physiology II	Spring	6
MATH188	Mathematics 2: Series and Integral Calculus	Spring	6
PHYS142	Fundamentals Physics B	Spring	6
plus	two electives (6 credit points each)		12
Year 2			
MATH201	Multivariate and Vector Calculus	Autumn	6
MATH203	Linear Algebra	Autumn	6
PHYS205	Advanced Modern Physics	Autumn	6
PHYS235	Mechanics and Thermodynamics	Autumn	6
MATH202	Differential Equations 2	Spring	6
PHYS215	Vibrations, Waves and Optics	Spring	6
PHYS225	Electromagnetism and Optoelectronics	Spring	6
PHYS255	Radiation Physics	Spring	6
Year 3			
PHYS305	Quantum Mechanics	Autumn	6
PHYS325	Electromagnetism	Autumn	6
PHYS365	Detection of Radiation: Neutrons, Electrons and X-Rays	Autumn	6
PHYS366	Physics of Radiotherapy	Autumn	6
PHYS375	Nuclear Physics	Spring	6
PHYS385	Statistical Mechanics	Spring	6
PHYS396	Electronic Materials	Spring	6
plus	one elective		6
Year 4			
PHYS451	Nuclear Medicine	Spring	8
PHYS452	Medical Imaging	Autumn	8
PHYS453	Radiobiology and Radiation Protection	Spring	8
PHYS457	Research Project	Annual	24

Professional Recognition

The Bachelor of Medical and Radiation Physics Advanced (Honours) degree conforms to the requirements for membership of the Australian Institute of Physics and Australasian College of Physical Scientists and Engineers in Medicine.

Further Studies Options

Graduates can apply for entry to the Master of Science – Research or a PhD.

Career Opportunities

Opportunities exist as medical physicists, researchers, occupational health and safety work and in radiation research and development.

Other Information

Further information is available at http://coursefinder.uow.edu.au/ or email: engineering@uow.edu.au

Bachelor of Medical Biotechnology
Bachelor of Medical Biotechnology Advanced

Testamur Title:	Bachelor of Medical Biotechnology, Bachelor of Medical Biotechnology Advanced
Abbreviation:	BMedBiotech, BMedBiotechAdv
My University:	Science, Biotechnology, Cellular Biology, Molecular Biology, Genetics, Immunology, Microbiology, Bioinformatics, Biochemistry, Medical Biotechnology, Medicine, Advanced
Duration:	4 years full-time or part-time equivalent
Total Credit Points:	192
Delivery Mode:	On campus (Face-to-face)
Starting Session(s):	Autumn
Location:	Wollongong
UOW Course Code:	1837, 1841
UAC Code:	757611, 757617
CRICOS Code:	068720F, 068721E

Overview

Biotechnology is the application of exciting advances in molecular and cell biology to medicine, agriculture, and the environment. Through modern technologies, such as genetic engineering, biotechnology is shaping diverse aspects of medicine (cancer, vaccine development, therapy and diagnosis of genetic diseases), food production (transgenic plants) and industry (bioremediation). Biotechnology encompasses the rapidly evolving fields of monoclonal antibody technology, proteomics and genetic engineering. A new generation of pharmaceuticals, vaccines, hormones and anti-inflammatory agents is being developed using these technologies.

The degree is an interdisciplinary program featuring:

- A major in cellular and molecular biology, including genetics, immunology and bioinformatics;
- A major strand of chemistry;
- Skills in "state-of-the-art" nucleic acid, protein and monoclonal antibody technologies;
- An optional strand in human anatomy and physiology;
- Other relevant areas such as ethics and management;
- The flexibility in first year to explore other options;
- Specialised training in "cutting-edge" technologies in the fourth year;
- Your own research project (fourth year Honours).

This degree represents an excellent foundation for students considering postgraduate studies in medicine, medical research or other health areas. Many of our past graduates have been successful in obtaining entry into these postgraduate degrees.

Entry Requirements

Bachelor of Medical Biotechnology (1837)

Australian Tertiary Admission Rank (ATAR) of 85 (or equivalent). The ATAR is reviewed each year.

Bachelor of Medical Biotechnology Advanced (1841)

Australian Tertiary Admission Rank (ATAR) of 95 (or equivalent). The ATAR is reviewed each year.

Assumed Knowledge

Four units of Science (including Biology or Chemistry) or four units comprising Science and Mathematics. Students who have not completed Biology and/or Chemistry at the HSC are strongly recommended to enrol in bridging courses offered in February each year.

Course Requirements

Students who have not completed HSC Mathematics at Band 4 or higher (or equivalent) are required to complete a mathematics subject (MATH151 or equivalent) normally in the first year.

Students may only count 60 credit points of 100-level subjects towards the degree.

Students must complete a minimum of 32 credit points of 300-level subjects.

Students must have a grade of Pass (not Pass Supplementary) or higher in at least 24 credit points of 300-level core subjects which form part of a Science major.

Bachelor of Medical Biotechnology (1837)

This is a prescribed program of study comprising core and optional subjects as set out below.

Progression Requirements

Satisfactory performance must be achieved (normally a Weighted Average Mark (WAM) of 70% or greater in 300-level Biological Sciences, Chemistry and Health Sciences subjects) for entry into the fourth year of the Bachelor of Medical Biotechnology degree. Students with a WAM below 70% in 300-level subjects may only progress into the fourth year of the Bachelor of Medical Biotechnology with the approval of the Medical Biotechnology Coordinator. Students who do not gain entry into the fourth year of the Bachelor of Medical Biotechnology degree will normally be required to transfer into the Bachelor of Science (Medical Biotechnology) degree.

Bachelor of Medical Biotechnology Advanced (1841)

Students who are eligible for this degree fulfil all of the same requirements as Bachelor of Medical Biotechnology candidates but are also eligible for additional benefits and challenges.

Progression Requirements

To maintain a place in an Advanced degree, students are normally required to achieve a Weighted Average Mark (WAM) of at least 75%. The performance of each student will be reviewed initially by the Associate Dean after the completion of 72 credit points. Students not meeting the minimum progression requirements will be required to transfer into the Bachelor of Medical Biotechnology or Bachelor of Science degree.

For further information refer to the entry for the Bachelor of Science Advanced (741A) and consult the Degree Coordinator.

Course Program

Subjects		Session	Credit Points
First Year			
BIOL105	Functional Biology of Animals and Plants	Autumn	6
CHEM101	Chemistry 1A:Introductory Physical and General Chemistry	Autumn	6
MATH151	General Mathematics 1A (if required)	Autumn	6
BIOL103	Molecules, Cells and Organisms	Spring	6
CHEM102	Chemistry 1B: Structure and Reactivity of Molecules for Life	Spring	6
Plus other elective subjects to give a total credit point value of 48, at least 6 credit points of which should be one of the following:			
BIOL104	Evolution, Biodiversity and Environment	Autumn	6
SHS 111	Introduction to Anatomy and Physiology I	Autumn	6
STS 100	Social Aspects of Science and Technology #	Autumn	6
PHYS155	Introduction to Biomedical Physics	Spring	6
SHS 112	Introduction to Anatomy and Physiology II	Spring	6
# STS 100 is compulsory for those students taking an approved course of study which does not include STS 251 (in 2nd year).			

Second Year			
BIOL213	Principles of Biochemistry	Autumn	6
CHEM212	Organic Chemistry	Autumn	6
BIOL214	The Biochemistry of Energy and Metabolism	Spring	6
BIOL215	Introductory Genetics	Spring	6
CHEM214	Analytical and Environmental Chemistry	Spring	6
STAT252	Statistics for the Natural Sciences	Spring	6
Plus two of the following subjects:			
BIOL240	Biodiversity of Marine and Freshwater Organisms	Autumn	6
MGMT208	Introduction to Management for Professionals	Autumn	6
SHS 211	Control Mechanisms Physiology	Autumn	6
STS 251*	Social Aspects of Genetics and Biotechnology	Autumn	6
** STS 251 is compulsory for students who have not taken STS 100 in 1st year.*			
BIOL241	Biodiversity of Terrestrial Organisms	Spring	6
Third Year			
Core			
BIOL303	Biotechnology: Applied Cell and Molecular Biology	Autumn	8
BIOL320	Molecular Cell Biology	Autumn	8
BIOL321	Infection and Immunity	Spring	8
CHEM320	Bioinformatics: From Genome to Structure	Spring	8
Options			
Plus one Autumn Session subject chosen from the following:			
BIOL332	Ecological and Evolutionary Physiology	Autumn	8
BIOL392	Advanced Biology	Autumn, Spring or Summer	8
CHEM350	Principles of Pharmacology	Autumn	8
SHS 311^	Fundamentals of Neuroscience	Autumn	8
^Subject to approval from the Subject Coordinator			
Plus one Spring Session subject chosen from the following:			
BIOL392	Advanced Biology	Autumn, Spring or Summer	8
CHEM321	Organic Synthesis and Reactivity	Spring	8
PHIL380	Bioethics	Spring	8
SHS 313	Cardiorespiratory Physiology	Spring	8
Or other subjects approved by the Coordinator			
Fourth Year			
BIOL420	Biotechnology Honours	Annual	48

Honours

The Honours grade for the degrees of Bachelor of Medical Biotechnology Honours and Bachelor of Medical Biotechnology Advanced Honours will be calculated in accordance with Method 1 defined in the General Course Rules Section 8.

Professional Recognition

Graduates qualify to apply for membership of the Australian Institute of Biology, the Australian Society of Microbiology and the Australian Biotechnology Society.

Further Information

Further information is available at http://coursefinder.uow.edu.au/ or email: science-enquiries@uow.edu.au

Bachelor of Medical Mathematics
Bachelor of Medical Mathematics Honours

Testamur Title:	Bachelor of Medical Mathematics
	Bachelor of Medical Mathematics Honours
Abbreviation:	BMedMath
	BMedMath(Hons)
My University:	Mathematics, Statistics, Maths, Science
Duration:	3 years full-time or part-time equivalent (BMedMath)
	1 year full-time or part-time equivalent (BMedMath (Hons))
Total Credit Points:	144 (BMedMath)
	48 (BMedMath (Hons))
Delivery Mode:	On campus
Starting Session(s):	Autumn
Location:	Wollongong
UOW Course Code:	1850 (BMedMath)
	1851 (BMedMath (Hons))
UAC Code:	756530 (BMedMath)
CRICOS Code:	072790B (BMedMath)
	072791A (BMedMath (Hons))

Overview

The Bachelor of Medical Mathematics is a degree that provides graduates with a knowledge of mathematics and statistics required for advanced modelling and analysis applications in medical sciences, including basic background in physiology, chemistry and biology.

Entry Requirements / Assumed Knowledge

Approximate ATAR: 85

Assumed Knowledge: Any two units of English plus HSC Mathematics (not General Mathematics).

Recommended Studies: HSC Mathematics Extension 1, HSC Chemistry.

For entry requirements for students 21 and over or for international students, please refer to the relevant prospectus.

Course Requirements

Students who enrol in Bachelor of Medical Mathematics shall satisfactorily complete at least 144 credit points of prescribed subjects plus two electives, in accordance with the table below.

Course Program

The following program of study is recommended to satisfy the requirements in minimum time. The subjects listed are compulsory unless otherwise stated.

Course Program

Subjects		Session	Credit Points
Year 1			
CHEM101	Chemistry IA: Introductory Physical and General Chemistry	Autumn	6
PSYC101	Introduction to Behavioural Science	Autumn	6
MATH187	Mathematics 1: Algebra and Differential Calculus	Autumn	6
SHS 111	Introduction to Anatomy and Physiology I	Autumn	6
CHEM102	Chemistry 1B: Structure and Reactivity of Molecules for Life	Spring	6
BIOL103	Molecules, Cells and Organisms	Spring	6
MATH188	Mathematics 2: Series and Integral Calculus	Spring	6
PHYS155	Introduction to Biomedical Physics	Spring	6
Year 2			
MATH201	Multivariate and Vector Calculus	Autumn	6
MATH203	Linear Algebra	Autumn	6
BIOL213	Principles of Biochemistry	Autumn	6
STAT231	Probability and Random Variables	Autumn	6
MATH202	Differential Equations 2	Spring	6
MATH212	Applied Mathematical Modelling 2	Spring	6
BIOL215	Introductory Genetics	Spring	6
STAT232	Estimation and Hypothesis Testing	Spring	6
Year 3			
MATH302	Differential Equations 3	Autumn	6
MATH329	Medical Mathematical and Applications	Autumn	6
STAT335	Sample Surveys and Experimental Design	Autumn	6
plus	elective	Autumn	6
MATH305	Partial Differential Equations	Spring	6
MATH321	Numerical Analysis	Spring	6
STAT332	Linear and Generalised Linear Models	Spring	6
plus	elective	Spring	6

Electives

The following subjects are approved for inclusion in the Bachelor of Medical Mathematics degree.

Subjects		Session	Credit Points
MATH222	Continuous Mathematics	Autumn	6
MATH204	Complex Variables and Group Theory	Spring	6
STAT333	Statistical Inference	Spring	6
MATH345	Mathematics Project B	Autumn/ Spring	6
and any MATH, STAT, BIOL or CHEM subject at 300 level, and any subject from the General schedule.			

Accelerated Program

Students who meet the entry requirements for the Bachelor of Mathematics (Advanced), currently requiring an ATAR of 90 and a high performance in Mathematics Extension 2, will be considered for an accelerated form of the above program. This involves permission to replace MATH187 and MATH188 by MATH110 Advanced Mathematics, and the opportunity to enrol in any of the project subjects MATH235 Mathematics Project A, STAT235 Statistics Project A, MATH345 Mathematics Project B and STAT345 Statistics Project.

Honours

A fourth year of study, Honours, is available to students who have achieved a Credit average or better in the Bachelor of Medical Mathematics. It is a more challenging program that includes a research project. Students who wish to enter the Honours program should obtain the approval of the Honours Coordinator at the end of their third year.

The Honours grade will be calculated in accordance with Method 1. For further information refer to General Course Rules Section 8. More details of the Honours program are available from the discipline website.

Other Information

Further information is available at http://coursefinder.uow.edu.au/ or email: informatics_enquiries@uow.edu.au

Bachelor of Medical Mathematics (Dean's Scholar)

Testamur Titles of Degree:	Bachelor of Medical Mathematics (Dean's Scholar)
Abbreviations:	BMedMath(Dean's Schol)
My University:	Informatics
Delivery Mode:	On campus (Face-to-face)
Starting Session(s):	Autumn
Location:	Wollongong
UOW Course Code:	1855 – BMedMath(Dean's Scholar)
UAC Codes:	756535
CRICOS Codes:	Same as normal degree program

Overview

The Dean's Scholar degree offers a challenging and enriched educational experience for high-achieving students who want to perform above the level normally expected. The Degree also encourages students to continue their studies through the completion of Honours and research degrees. A limited number of students from across the Faculty are admitted to the program each year, selected from new students with a base rank ATAR of at least 93 or from current students enrolled in an Informatics degree. Current Informatics students who have achieved a Weighted Average Mark (WAM) of 80 at the end of one year of full-time study within the Faculty, may apply to transfer into the Dean's Scholars program.

Dean's Scholars will complete all requirements for their respective degrees and, where possible, may be permitted to take an accelerated program after their first session. Dean's Scholars will receive special privileges and the programs are a distinction easily recognisable to future employers, giving you an edge in competitive employment situations. Dean's Scholars are encouraged to contribute to the scholarly life of the Faculty through events in the Faculty's postgraduate program.

Dean's Scholars will receive individual mentoring and the following privileges:

- $500.00 per annum book allowance (issued as $250 per semester)
- Extended library access
- Free print quota (up to 250 pages per session maximum)
- Free SECTE laboratory kits each session
- Access to accelerated program (where possible)
- Access to an academic mentor – a member of academic staff who advises you on matters concerning your degree
- Opportunity for summer internship (equivalent to the summer scholarships)
- Alignment of the major or honours thesis project with a research project in the assigned research centre.
- Opportunity to improve public speaking skills through 6 monthly membership to UOW Toastmasters program.

Entry Requirements / Assumed Knowledge

ATAR: The Dean's Scholars programs in the listed degrees will be available to students with a base ATAR of above 93, with a limited intake across the Faculty per annum.

Current students (in non-Dean's Scholar degrees listed) are eligible to apply to transfer to the Dean's Scholars program providing they perform to the standard of a WAM of 80 for a full-time load over two (2) sessions. This also applies to students who are not commencing immediately after completing year 12, including those aged 21 years and over or international students. Transfers will only be approved for students who have completed no more than half of their degree (including credit transfers).

Applications

To apply for the Dean's Scholars programs, new students should include the relevant degree as one of your UAC preferences (see the UAC guide for the appropriate code). New and current students also need to complete and submit the following application forms by the closing dates (students who apply may be contacted by the University prior to admission):

Applications for new students (click here for application form) close on 30 September and for current students wishing to transfer (click here for application) close on 31 December and 30 June.

Course Requirements/Eligibility

Course programs for the Dean's Scholar degrees are identical to the current non-Dean's Scholar degrees offered by the Faculty – see relevant Handbook entries.

Bachelor of Medical Mathematics

Continuation in the Dean's Scholar degrees will normally be dependent on the student achieving a WAM of at least 75 in each year of study. Students who do not meet the required average will be transferred to the equivalent non-Dean's Scholar degree.

Please note that the Dean's Scholars Program is not offered to part-time students and is only available to International Students who are eligible to apply through UAC (for new students), or who have completed one year of full-time study at UOW (for current students). The program is not offered for double degrees and is not a scholarship.

Other Information

Further information is available at http://coursefinder.uow.edu.au/ or email: informatics_enquiries@uow.edu.au

Bachelor of Medicinal Chemistry
Bachelor of Medicinal Chemistry Advanced

Testamur Title:	Bachelor of Medicinal Chemistry, Bachelor of Medicinal Chemistry Advanced
Abbreviation:	BMedChem, BMedChemAdv
My University:	Science, Medicinal, Chemistry, Medicine
Duration:	4 years full-time or part-time equivalent
Total Credit Points:	192
Delivery Mode:	On campus (Face-to-face)
Starting Session(s):	Autumn
Location:	Wollongong
UOW Course Code:	755, 755_2
UAC Code:	757613, 757619
CRICOS Code:	016113D 071455C

Overview

The Bachelor of Medicinal Chemistry is a specialist four year Honours degree which provides students with outstanding training opportunities in modern techniques of chemical science applied to medicine. This includes specialised courses in drug discovery and design, using rational, computer-aided and bioprospecting approaches. It also gives students the training in physiology, pharmacology and other areas needed to understand the effects of disease states on the human body and the role of drugs and other ways of chemical intervention. Students not admitted directly into the program may gain admission via the Bachelor of Science program subject to satisfactory performance in first year, prerequisite considerations, and approval of the Dean.

The fourth year Honours program gives students exposure to advanced medicinal chemistry laboratory techniques, research experience and training in advanced medicinal chemistry applications.

This degree represents an excellent foundation for students considering postgraduate studies in medicine or other health areas. Many of our past graduates have been successful in obtaining entry into these postgraduate degrees.

Entry Requirements

Bachelor of Medicinal Chemistry (755)

Australian Tertiary Admission Rank (ATAR) of 85 (or equivalent). The ATAR is reviewed each year.

Bachelor of Medicinal Chemistry Advanced (755_2)

Australian Tertiary Admission Rank (ATAR) of 95 (or equivalent). The ATAR is reviewed each year.

Assumed Knowledge

Chemistry and Mathematics. Students who have not completed Biology and/or Chemistry at the HSC are strongly recommended to enrol in bridging courses offered in February each year.

Course Requirements

Students who have not completed HSC Mathematics at Band 4 or higher (or equivalent) are required to complete a mathematics subject (MATH151 or equivalent) normally in the first year.

Students may only count 60 credit points of 100-level subjects towards the degree.

Students must complete a minimum of 32 credit points of 300-level subjects.

Students must have a grade of Pass (not Pass Supplementary) or higher in at least 24 credit points of 300-level core subjects which form part of a Science major.

Bachelor of Medicinal Chemistry (755)

This is a prescribed program of study comprising core and optional subjects as set out below.

Progression Requirements

Satisfactory performance must be achieved (normally a Weighted Average Mark (WAM) of 70% or greater in 300-level subjects) for entry into the fourth year of the Bachelor of Medicinal Chemistry degree. Students with a WAM below 70% in 300-level subjects may only progress into the fourth year of the Bachelor of Medicinal Chemistry with the approval of the Medicinal Chemistry Coordinator. Students who do not gain entry into the fourth year of the Bachelor of Medicinal Chemistry degree will normally be required to transfer into the Bachelor of Science (Medicinal Chemistry) degree.

Bachelor of Medicinal Chemistry Advanced (755_2)

Students who are eligible for this degree fulfil all the same requirements as Bachelor of Medicinal Chemistry candidates but are also eligible for additional benefits and challenges.

Progression Requirements

To maintain a place in an Advanced degree, students are normally required to achieve a Weighted Average Mark (WAM) of at least 75%. The performance of each student will be reviewed initially by the Associate Dean after the completion of 72 credit points. Students not meeting the minimum progression requirements will be required to transfer into the Bachelor of Medicinal Chemistry or Bachelor of Science degree.

For further information refer to the Bachelor of Science Advanced (741A) and consult the Degree Coordinator.

Course Program

Subjects		Session	Credit Points
First Year			
Autumn Session			
CHEM101	Chemistry 1A: Introductory Physical and General Chemistry	Autumn	6
SHS 111	Introduction to Anatomy and Physiology I	Autumn	6
Plus two of the following subjects in Autumn Session:			
BIOL104	Evolution, Biodiversity and Environment	Autumn	6
BIOL105	Functional Biology of Animals and Plants	Autumn	6
MATH141	Foundations of Engineering Mathematics*	Autumn	6
or			
MATH151	General Mathematics 1A (if required)*	Autumn	6
or			
MATH187	Mathematics 1: Algebra and Differential Calculus*	Autumn	6
** The Mathematics subject to study is dependent on the level of Mathematics already achieved by the student (HSC or equivalent).*			
SHS 110	Human Growth, Nutrition and Exercise	Autumn	6
PHYS141	Fundamentals of Physics A	Autumn	6
Spring Session			
BIOL103	Molecules, Cells and Organisms	Spring	6
CHEM102	Chemistry 1B: Structure and Reactivity of Molecules for Life	Spring	6
SHS 112	Introduction to Anatomy and Physiology II	Spring	6
STAT252	Statistics for the Natural Sciences	Spring	6
Second Year			
BIOL213	Principles of Biochemistry	Autumn	6
CHEM211	Inorganic Chemistry II	Autumn	6
CHEM212	Organic Chemistry II	Autumn	6
SHS 211	Control Mechanisms Physiology	Autumn	6
BIOL214	The Biochemistry of Energy and Metabolism	Spring	6
BIOL215	Introductory Genetics	Spring	6
CHEM213	Molecular Structure, Reactivity and Change	Spring	6
CHEM214	Analytical and Environmental Chemistry	Spring	6
Third Year			
Autumn Session			
CHEM350	Principles of Pharmacology	Autumn	8
CHEM364	Molecular Structure and Spectroscopy	Autumn	8
Plus one of the following two subjects in Autumn Session:			
BIOL320	Molecular Cell Biology	Autumn	8
BIOL303	Biotechnology: Applied Cell and Molecular Biology	Autumn	8
Spring Session			
CHEM320	Bioinformatics: From Genome to Structure	Spring	8
CHEM321	Organic Synthesis & Reactivity	Spring	8
CHEM330	Medicinal Chemistry	Spring	8
Fourth Year			
CHEM440	Selected Topics in Medicinal Chemistry	Annual	16
CHEM460	Medicinal Chemistry Project	Annual	32

Honours

The Degree of Bachelor of Medicinal Chemistry Honours is awarded for performance in third and fourth year subjects, based on a Weighted Average Mark (WAM) formula in accordance with Method 3 as defined in the General Course Rules Section 8.

Professional Recognition

This degree structure is designed to meet the qualifying standards of the Royal Australian Chemical Institute, and students meeting the course requirements will be eligible for corporate membership as Chartered Chemists.

Further Information

Further information is available at http://coursefinder.uow.edu.au/ or email: science-enquiries@uow.edu.au

Bachelor of Medicine Bachelor of Surgery

Testamur Title:	Bachelor of Medicine Bachelor of Surgery
Abbreviation:	MBBS
My University:	Medicine, Surgery
Duration:	4 years full-time
Total Credit Points:	192
Delivery Mode:	On-campus
Starting Session(s):	Autumn
Location:	Wollongong
	Shoalhaven
UOW Course Code:	888
UAC Code:	N/A
CRICOS Code:	054941G

Overview

Medicine is an exciting and challenging profession. The University of Wollongong Bachelor of Medicine Bachelor of Surgery aims to produce knowledgeable, caring and competent graduates, well prepared to practice medicine under supervision as interns and subsequently to commence postgraduate vocational training in any area of medicine. The course also aims to impart knowledge, attitudes and skills that will enable graduates to practise ethical and scientifically-based health care with a high level of skill and social responsibility, and continue to develop their

knowledge and skills throughout their career. The Graduate School of Medicine is committed to producing excellent medical practitioners who are committed to work in regional, rural and remote communities.

Entry Requirements / Assumed Knowledge

To qualify for admission to the University of Wollongong - Bachelor of Medicine Bachelor of Surgery applicants must hold a Bachelor's degree in any discipline from a recognised institution completed no more than 10 years prior to course commencement, and must have completed the Graduate Australian Medical Schools Admission Test (GAMSAT). Further information on applying for admission, including information on the necessary portfolio for admission, is available from UniAdvice.

The English language entry criteria will be as indicated on the University website: www.uow.edu.au/prospective/international/english/index.html

In order to attend clinical placements, students are required to have a Criminal Record Check and complete a Prohibited Employment Declaration. Students are also required to comply with NSW Health Department Circular 'Occupational Screening and Vaccination Against Infectious Diseases', available on the NSW Health Department website. Students who do not meet these requirements will not be able to attend clinical placements and therefore will not be able to enrol in the course. Students should read the information found in the Additional Information section.

Medical students are registered with the National Medical Board, and subject to the provisions of that body in relation to issues affecting fitness to practice. Further information can be found at http://www.medicalboard.gov.au

Course Requirements

Bachelor of Medicine Bachelor of Surgery requires the successful completion of 192 credit points of subjects in accordance with the table below.

The program takes four years to complete and is divided into 4 phases which each contain an integrated program of coursework and clinical experience.

Course Program

Subject Code	Subject Name	Session	Credit Points
Year 1			
MEDI601	Medicine 1 (phase 1 session 1)	Autumn	24
MEDI601	Medicine 1 (phase 1 session 2)	Spring	24
Year 2			
MEDI601	Medicine 1 (phase 1 session 3)	Autumn	24
MEDI602	Medicine 2 (phase 2 session 1)	Spring	24
Year 3			
MEDI602	Medicine 2 (phase 2 session 2)	Autumn	24
MEDI603	Medicine 3 (phase 3 session 1)	Spring	24
Year 4			
MEDI603	Medicine 3 (phase 3 session 2)	Autumn	24
MEDI604	Medicine 4 (phase 4 session 1)	Spring	24

Each Phase must be completed satisfactorily before students may progress to the next Phase. Grades for each Phase will be declared at the end of the phase.

Bachelor of Medicine Bachelor of Surgery is a prescribed course with specific course rules regarding course progression including minimum rate of progress. Students are advised to refer to the University Course Rules for further information.

Note: That the MBBS program works on extended Academic year, generally commencing in late January, early February and concluding early December.

Professional Recognition

Upon completion of a University of Wollongong Bachelor of Medicine Bachelor of Surgery, graduates will have an extensive range of career options. Graduates may undertake work in private or public health, research, aid organizations, the defence forces, or a combination of these areas. There are many specialties available to graduates after completion of the University of Wollongong Bachelor of Medicine Bachelor of Surgery, including:

Accident and emergency, anaesthesia, dermatology, general practice, geriatric medicine, intensive care, medical administration, internal medicine, obstetrics and gynaecology, occupational medicine, ophthalmology, paediatrics, oncology, cardiology, neurology, pathology, histopathology, microbiology, psychiatry, public health medicine, radiology, rehabilitation medicine, sexual health, sports medicine or surgery.

After completion of the MBBS degree, Australian graduates are required to complete an intern year in an Australian hospital as a prerequisite to full medical registration. These internships may not be available to graduates who are not Australian citizens. Further information can be found at http://www.imet.health.nsw.gov.au/www/472/1001127/displayarticle/1005500.html

Further Information

Further information is available at http://coursefinder.uow.edu.au/ or email: Graduate School of Medicine gsm_info@uow.edu.au or Phone: +61 2 4221 5925

Additional Information

National Criminal Record Check

NSW Ministry of Health requires all students undertaking clinical placement as part of a health related course to undergo a National Criminal Record Check. The criminal record check must be obtained before a student can attend any clinical placement in a health facility. Students will be provided advice at enrolment and orientation on the process to be followed to obtain a suitable criminal record check, this includes either a National Police Certificate or a Federal Police Certificate If a student's criminal record check indicates convictions it will not necessarily exclude them from a clinical placement. Each situation will be individually assessed confidentially via a risk assessment process with NSW Ministry of Health. In addition to this, overseas students are required to obtain a Police Certificate translated in English from their home country or complete a statutory declaration.

Note that there is a cost associated with obtaining a Criminal Record Check. It is the responsibility of the student to meet this cost. All information related to this can be located on http://www.police.nsw.gov.au/about_us/structure/specialist_operations/forensic_services/criminal_records_section

Child protection legislation enacted in July 2000 requires each student to complete and sign a Prohibited Employment Declaration for each clinical placement. The relevant forms will be provided to you as needed.

For further information on Criminal Record Checks visit Student Clearances for Clinical Placements - NSW Department of Health.

Vaccinisation against Specific Infectious Diseases

NSW Health also requires students undertaking clinical placement in health facilities to be compliant with certain vaccinations to ensure the safety of both students and patients. This information will be provided at enrolment and orientation.

For further information on compliance with Infectious Diseases requirements please visit http://www.health.nsw.gov.au/publichealth/immunisation/ohs/.

Fee Information

For tuition fee information please see the following:

Domestic - www.uow.edu.au/student/finances/index.html

International - www.uow.edu.au/future/international/apply/fees/

Bachelor of Medicine Bachelor of Surgery Honours

Testamur Title:	Bachelor of Medicine Bachelor of Surgery Honours
Abbreviation:	MBBS (Hons)
My University:	Medicine, Surgery
Duration:	1 year full-time
Total Credit Points:	48
Delivery Mode:	On-campus
Starting Session(s):	GSM Summer or Autumn
Location:	Wollongong
	Shoalhaven
UOW Course Code:	889
UAC Code:	N/A
CRICOS Code:	

Overview

The Honours programme in the Graduate School of Medicine is designed to provide students with skills to demonstrate excellence in ethical research, integrated with a clear understanding of a specific research question in relation to current knowledge. The degree programme fosters abilities and skills in: research ethics; identifying and refining a research question; planning, designing and conducting a research project; using and refining research methods; collecting, analysing and evaluating data; synthesising and integrating results with relevant ideas, concepts and existing knowledge; communicating ideas and findings.

The Honours year, is a stand-alone Honours programme at the conclusion of an MBBS. In addition to undertaking an Honours Project, students will be expected to spend the equivalent of one day a week in a clinical setting.

The Honours year is targeted towards people who:

- wish to pursue an add-on Honours year at the completion of the MBBS
- have a passion and interest in research and the ambition to pursue a higher research degree
- wish to pursue academic medicine as a career option

Entry Requirements / Assumed Knowledge

To qualify for admission to the University of Wollongong - Bachelor of Medicine Bachelor of Surgery (Hons) applicants must hold a Bachelor of Medicine Bachelor of Surgery (MBBS) or equivalent. It is essential for candidates to demonstrate a high level of academic performance, as determined by the Graduate School of Medicine. This will include performance in written examinations and Research & Critical Analysis assessment tasks.

In addition, international students must demonstrate English language minimum requirements:

IELTS Score – minimum overall: 7, Reading: 6.5, Writing: 6.5, Speaking: 6.5, Listening: 6.5

The English language entry criteria will be as indicated on the University website: www.uow.edu.au/prospective/international/english/index.html

Note: Honours students will only be taken where an approved supervisor and project is available.

Formal enrolment in the GSM Honours programme is completed through SOLS upon the receipt of a formal University of Wollongong offer. For assistance with enrolment see http://www.uow.edu.au/student/enrolment/UoW008285.html or the Honours Coordinator.

The Honours programme has been structured to match the timing of Australian and North American internship/training programmes. Students who proceed with the December – June option will be able to commence Australian internships in midyear (noting that some but not all Local Health Districts take midyear interns). Students pursuing training opportunities in North America will be able to commence at the beginning of that programme which is midyear.

Students electing to undertake the Honours programme in March – December, in line with current NSW Health Policy, will be eligible to commence NSW internships in the following year.

In order to attend clinical placements, students are required to have a Criminal Record Check and complete a Prohibited Employment Declaration. Students are also required to comply with NSW Health Department Circular 'Occupational Screening and Vaccination against Infectious Diseases', available on the NSW Health Department website. Students who do not meet these requirements will not be able to attend clinical placements and therefore will not be able to enrol in the course. Students should read the information found in the Additional Information section.

Medical students are registered with the National Medical Board, and subject to the provisions of that body in relation to issues affecting fitness to practice. Further information can be found at http://www.medicalboard.gov.au

Course Requirements

Bachelor of Medicine Bachelor of Surgery (Hons) requires the successful completion of 48 credit points of subjects in accordance with the table below.

The programme takes one full-time year to complete.

Course Program

Subject Code	Subject Name	Session	Credit Points
Year 1			
MEDI606	Special topics in Medicine	Annual	48

Professional Recognition

Upon completion of a University of Wollongong Bachelor of Medicine Bachelor of Surgery, graduates will have an extensive range of career options. Graduates may undertake work in private or public health, research, aid organizations, the defence forces, or a combination of these areas. There are many specialties available to graduates after completion of the University of Wollongong Bachelor of Medicine Bachelor of Surgery, including:

Accident and emergency, anaesthesia, dermatology, general practice, geriatric medicine, intensive care, medical administration, internal medicine, obstetrics and gynaecology, occupational medicine, ophthalmology, paediatrics, oncology, cardiology, neurology, pathology, histopathology, microbiology, psychiatry, public health medicine, radiology, rehabilitation medicine, sexual health, sports medicine or surgery.

The honours programme adds value to the basic MBBS degree, substantially broadening the skills-base, and sets the graduate apart from the bulk of students who have completed a bachelor's degree only, providing enhanced career and employment prospects.

Completion of the honours research programme to a high standard, and especially success in publication of the research, may increase the opportunity for selection into specialist training programmes and increase choice for postgraduate clinical placements.

Honours also represents the most direct path for students to gain entry into a doctoral level higher degree research programme (PhD). Achievement of 1st Class honours will make the graduate competitive for an Australian or University Postgraduate Research Award (scholarship) providing financial assistance to complete a doctorate.

After completion of the MBBS degree, Australian graduates are required to complete an intern year in an Australian hospital as a prerequisite to full medical registration. This requirement can be completed before or after undertaking the honours programme. These internships may not be available to graduates who are not Australian citizens. Further information can be found at

http://www.imet.health.nsw.gov.au/www/472/1001127/displayarticle/1005500.html

Further Information

Further information is available at http://coursefinder.uow.edu.au/ or email: Graduate School of Medicine: gsm_info@uow.edu.au or Phone: +61 2 4221 5925

Additional Information

National Criminal Record Check

NSW Ministry of Health requires all students undertaking clinical placement as part of a health related course to undergo a National Criminal Record Check. The criminal record check must be obtained before a student can attend any clinical placement in a health facility. Students will be provided advice at enrolment and orientation on the process to be followed to obtain a suitable criminal record check, this includes either a National Police Certificate or a Federal Police Certificate If a student's criminal record check indicates convictions it will not necessarily exclude them from a clinical placement. Each situation will be individually assessed confidentially via a risk assessment

process with NSW Ministry of Health. In addition to this, overseas students are required to obtain a Police Certificate translated in English from their home country or complete a statutory declaration.

Note that there is a cost associated with obtaining a Criminal Record Check. It is the responsibility of the student to meet this cost. All information related to this can be located on http://www.police.nsw.gov.au/about_us/structure/specialist_operations/forensic_services/criminal_records_section

Child protection legislation enacted in July 2000 requires each student to complete and sign a Prohibited Employment Declaration for each clinical placement. The relevant forms will be provided to you as needed.

For further information on Criminal Record Checks visit Student Clearances for Clinical Placements - NSW Department of Health.

Vaccinisation against Specific Infectious Diseases

NSW Health also requires students undertaking clinical placement in health facilities to be compliant with certain vaccinations to ensure the safety of both students and patients. This information will be provided at enrolment and orientation.

For further information on compliance with Infectious Diseases requirements please visit http://www.health.nsw.gov.au/publichealth/immunisation/ohs/.

Fee Information

For tuition fee information please see the following:

Domestic - www.uow.edu.au/student/finances/index.html

International - www.uow.edu.au/future/international/apply/fees/

Bachelor of Nanotechnology
Bachelor of Nanotechnology Advanced

Testamur Title:	Bachelor of Nanotechnology, Bachelor of Nanotechnology Advanced
Abbreviation:	BNanotech, BNanotechAdv
My University:	Science, Nanotechnology, Chemistry, Materials Engineering
Duration:	4 years
Total Credit Points:	192
Delivery Mode:	On campus (Face-to-face)
Starting Session(s):	Autumn
Location:	Wollongong
UOW Course Code:	846, 846_2
UAC Code:	757625, 757626
CRICOS Code:	051709G, 052459A

Overview

The Bachelor of Nanotechnology is an interdisciplinary degree which is jointly offered by the Faculties of Engineering and Science. The degree targets the emerging field of nano-materials, molecular machines and nano-science.

The course draws on major research strengths at UOW including: the Intelligent Polymer Research Institute, the Institute for Superconducting and Electronic Materials, the BlueScope Steel Metallurgy Centre and the ARC Centre of Excellence for Electromaterials Science. One of the main aims is to produce high quality graduates to feed into postgraduate programs within UOW research units.

This course has a materials chemistry focus with possible elective subjects in physics, engineering (e.g. mechatronics) and biology. There are a total of five elective subjects giving students scope to match the course to their interests whilst retaining a core focus on molecular design and characterization of materials at the nano-dimension. The course includes four specially designed subjects that are mainly research oriented and combine lectures, laboratory and project work. This gives students from first year onwards a taste of where leading research in nanotechnology is heading.

Entry Requirements

Bachelor of Nanotechnology (846)

Australian Tertiary Admission Rank (ATAR) of 85 (or equivalent). The ATAR is reviewed each year.

Bachelor of Nanotechnology Advanced (846_2)

Australian Tertiary Admission Rank (ATAR) of 95 (or equivalent). The ATAR is reviewed each year.

Assumed Knowledge

HSC Chemistry, HSC Physics and HSC Mathematics. It is an advantage for students to have studied HSC Mathematics Extension 1. Students who have not completed Chemistry and Physics at the HSC are strongly recommended to enrol in bridging courses offered in February each year.

Course Requirements

Students who have not completed HSC Mathematics at Band 4 or higher (or equivalent) are required to complete a mathematics subject (MATH151 or equivalent) normally in the first year. This will extend the time required to complete the course.

Students may only count 60 credit points of 100-level subjects towards the degree.

Students must complete a minimum of 32 credit points of 300-level subjects.

Students must have a grade of Pass (not Pass Supplementary) or higher in at least 24 credit points of 300-level core subjects which form part of a Science major.

Bachelor of Nanotechnology (846)

This is a prescribed program of study comprising core and optional subjects as set out below.

Progression Requirements

Satisfactory performance must be achieved (normally a Weighted Average Mark (WAM) of 70% or greater in 300-level subjects) for entry into the fourth year of the Bachelor of Nanotechnology degree. Students with a WAM below 70% in 300-level subjects may only progress into the fourth year of the Bachelor of Nanotechnology with the approval of the Nanotechnology Coordinator. Students who do not gain entry into the fourth year of the Bachelor of Nanotechnology degree will normally be required to transfer into the Bachelor of Science (Nanotechnology) degree.

Bachelor of Nanotechnology Advanced (846_2)

Students who are eligible for this degree fulfil all the same requirements as Bachelor of Nanotechnology candidates but are also eligible for additional benefits and challenges.

Progression Requirements

To maintain a place in an Advanced degree, students are normally required to achieve a Weighted Average Mark (WAM) of at least 75%. The performance of each student will be reviewed initially by the Associate Dean after the completion of 72 credit points. Students not meeting the minimum progression requirements will be required to transfer into the Bachelor of Nanotechnology or Bachelor of Science degree.

For further information refer to the Bachelor of Science Advanced (741A) and consult the Degree Coordinator.

Course Program

Subjects		Session	Credit Points
First Year			
CHEM101	Chemistry 1A: Introductory Physical and General Chemistry	Autumn	6
ENGG153	Engineering Materials	Autumn	6
PHYS141	Fundamentals of Physics A	Autumn	6
Plus select ONE of the following Mathematics subjects in Autumn session:			
MATH141	Foundations of Engineering Mathematics	Autumn	6
or			
MATH187	Mathematics 1: Algebra and Differential Calculus	Autumn	6
CHEM102	Chemistry 1B: Structure and Reactivity of Molecules for Life	Spring	6
NANO101	Current Perspectives in Nanotechnology	Spring	6
PHYS142	Fundamentals of Physics B	Spring	6
Plus select ONE of the following Mathematics subjects in Spring session:			
MATH142	Essentials of Engineering Mathematics	Spring	6
or			
MATH188	Mathematics 2: Series and Integral Calculus	Spring	6

Second Year			
Core			
CHEM211	Inorganic Chemistry II	Autumn	6
MATE201	Structure of Materials	Autumn	6
PHYS205	Advanced Modern Physics	Autumn	6
CHEM212	Organic Chemistry II	Autumn	6
or			
MATE202	Thermodynamics and Phase Equilibria	Autumn	6
CHEM213	Molecular Structure, Reactivity and Change	Spring	6
NANO201	Research Topics in Nanotechnology	Spring	6
Select TWO electives to total 48 credit points at Second Year:			
NOTE: Subjects are grouped into streams to guide students on possible combinations within an area of interest. Students are NOT required to choose electives from the same streams in Second Year and Third Year.			
Materials Chemistry Stream			
CHEM214	Analytical and Environmental Chemistry	Spring	6
MATE204	Mechanical Behaviour of Materials	Spring	6
Physics Stream			
MATH212	Applied Mathematical Modelling	Spring	6
PHYS215	Vibrations, Waves and Optics	Spring	6
Mechatronics Stream			
ENGG152	Engineering Mechanics	Spring	6
ENGG154	Engineering Design and Innovation	Spring	6
Other subject options			
BIOL103	Molecules, Cells and Organisms	Spring	6
STAT252	Statistics for the Natural Sciences	Spring	6
Third Year			
Core			
CHEM364	Molecular Structure and Spectroscopy	Autumn	8
NANO301	Research Project in Nanomaterials	Autumn	8
CHEM301	Advanced Materials and Nanotechnology	Spring	8
MATE302	Polymeric Materials	Spring	6
Select any THREE electives from the following subjects:			
Note: Subjects are grouped into streams to guide students on possible combinations within an area of interest. Students are NOT required to select electives from a single stream.			
Materials Chemistry Stream			
CHEM314	Instrumental Analysis	Autumn	8
MATE301	Engineering Alloys	Autumn	6
MATE306	Fracture, Failure and Degradation	Autumn	6
MATE381	Experimental Methods and Computing	Autumn	6
CHEM320	Bioinformatics: From Genome to Structure	Spring	8
CHEM321	Organic Synthesis and Reactivity	Spring	8
Physics Stream			
PHYS305	Quantum Mechanics	Autumn	6
PHYS363	Advanced Photonics	Spring	6
PHYS396	Electronic Materials	Spring	6
Mechatronics Stream			
ENGG251	Mechanics of Solids	Autumn	6
MECH215	Fundamentals of Machine Component Design	Spring	6
Other subject options			
BIOL213	Principles of Biochemistry	Autumn	6
BIOL214	The Biochemistry of Energy and Metabolism	Spring	6

Fourth Year			
MATE411	Advanced Materials and Processing	Autumn	6
MATE303	Ceramics, Glasses and Refractories	Spring	6
MATE412	Electronic Materials	Spring	6
NANO401	Major Project Thesis in Nanotechnology	Annual	24
Plus one elective from the General Schedule			6

Honours

The degree of Bachelor of Nanotechnology Honours and Bachelor of Nanotechnology Advanced Honours are awarded for performance in third and fourth year subjects, based on a Weighted Average Mark (WAM) formula in accordance with Method 3 in the General Course Rules Section 8.

Professional Recognition

Students may choose options enabling them to graduate and be eligible for accreditation with the Royal Australian Chemical Institute (RACI).

Further Information

Further information is available at http://coursefinder.uow.edu.au/ or email: science-enquiries@uow.edu.au

Bachelor of Nursing
Bachelor of Nursing Honours

Testamur Title:	Bachelor of Nursing
	Bachelor of Nursing Honours
Abbreviation:	BNursing
	BNursing (Hons)
My University:	Nursing
Duration:	3 years full-time
	1 additional year full-time (Honours)
Total Credit Points:	144
	48 as an additional year (Honours)
Delivery Mode:	On-campus
Starting Session(s):	Autumn
Location:	Wollongong, Bega, Shoalhaven and Southern Sydney
UOW Course Code:	863
	862 (Hons)
UAC Code:	757101 (Wollongong)
	757102 (Bega)
	757103 (Shoalhaven)
	757104 (Southern Sydney)
CRICOS Code:	003330B
	012095M (Hons)

Overview

The Bachelor of Nursing is a first level award. Aims include sound knowledge for safe and competent practice; appropriate affective and psychomotor skills in providing holistic patient care; reflective nursing practice skills in a variety of settings; drawing on relevant principles of the biosciences and social and behavioural sciences; effective interpersonal and group communication skills; effective and collaborative functioning as a professional member of the health care team; effective and sensitive practice within a multicultural environment; responsibility for the continuing development of self and profession; and high level skills in organisation and allocation of priorities in clinical and practice activities.

Entry Requirements / Assumed Knowledge

International students are required to have achieved an overall IELTS score of 6.5, with a minimum level of 6.5 in all bands of reading, writing, speaking and listening.

Alternative pathways exist for mature age domestic students.

Credit

Enrolled Nurses with a TAFE Advanced Certificate or Diploma of Nursing receive 12 credit points of credit toward Year 1.

Enrolled Nurses who have completed an appropriate TAFE bridging course can enter into Year 2 of the course.

Course Requirements

The Bachelor of Nursing requires the successful completion of 144 credit points of subjects in accordance with the table below.

In order to attend clinical placements, students must meet NSW Health Department requirements in regard to Criminal Record Checks and Infectious Disease. Students who do not meet these requirements will not be able to attend clinical practicum and therefore will not be able to continue in the Bachelor of Nursing for Overseas Qualified Nurses. For further information on Criminal Record Checks and Infectious Diseases please see visit Student Clearances for Clinical Placements - NSW Department of Health.

This is a prescribed course designed for persons seeking registration with the Nursing and Midwifery Board of Australia in which:

Year 1 of the course introduces Principles of Nursing Care;

Year 2 of the course focuses on Principles of Episodic Care; and

Year 3 of the course is concerned with Principles of Chronic and Complex Care.

Subject Code	Subject Name	Session	Credit Points
Year 1			
NMIH101	Effective Communication in Health Care Relationships	Autumn	6
NMIH102	Patterns of Knowing in Nursing	Autumn	6
NMIH103	Art & Science of Nursing A	Autumn	6
NMIH104	Art & Science of Nursing B*	Autumn	6
NMIH105	Primary Health Care Nursing	Spring	6
NMIH106	Essentials of Care A	Spring	6
NMIH107	Essentials of Care B*	Spring	6
NMIH108	Introduction to Health Behaviour Changes	Spring	6
Year 2			
NMIH201	Principles of Episodic Care	Autumn	6
NMIH202	Developing Nursing Practice 1*	Autumn	6
NMIH203	Family Centred Nursing	Autumn	6
NMIH204	Reflection and Practice	Autumn	6
NMIH205	Cultural Competencies in Health Care Practice	Spring	6
NMIH206	Therapeutics in Nursing	Spring	6
NMIH207	Developing Nursing Practice 2*	Spring	6
NMIH208	Mental Health Nursing 1*	Spring	6
Year 3			
NMIH301	Nursing Care of People with Chronic Conditions*	Autumn	6
NMIH302	Mental health Nursing 2*	Autumn	6
NMIH303	Therapeutic Use of Self	Autumn	6
NMIH304	Evidence Appreciation and Application in Health Care Practice	Autumn	6
NMIH305	Nursing Care of People with Complex Conditions	Spring	6
NMIH306	Challenges of Ageing	Spring	6
NMIH307	Leadership in Health Care Practice	Spring	6
NMIH308	Transition to Professional Practice*	Spring	6

** denotes clinical subjects*

Candidates should note that pre- and co-requisites apply to many subjects in the course. Satisfactory completion of all Year 2 nursing theory and practice subjects is a pre-requisite to enrolment in Year 3 nursing theory and practice subjects. The reason for these prescriptions is that the School of Nursing, Midwifery and Indigenous Health has a legal responsibility to ensure that candidates meet nursing theory and practice requirements at each level of the course.

Due to the necessary inclusion of clinical practicum, the length of each session of the course varies from the normal 13 week session. Throughout the 3 year course, students will be required to attend 20 weeks off-campus clinical placements in a variety of settings and different area health services.

In order to attend clinical placements, students must meet NSW Health Department requirements in regard to Criminal Record Checks and Infectious Disease. Students who do not meet these requirements will not be able to attend clinical practicum and therefore will not be able to continue in the Bachelor of Nursing. For further information on Criminal Record Checks and Infectious Diseases please see the Additional Information section.

Honours

The Bachelor of Nursing (Honours) provides exceptional nursing students with the opportunity to extend their knowledge and skills beyond the beginning level. There is an increasing need for graduates to develop more advanced and extensive knowledge in the discipline than can be attained in a pass degree. This need can be achieved by qualified candidates who have attained a level of scholarship at credit level or above in 300-level Nursing subjects, undertaking advanced coursework and research. The Honours grade will be calculated in accordance with Method 1. For further information refer to General Course Rules Section 8.

Professional Recognition

Graduates are eligible to apply to register with the Australian Health Practitioner Regulation Agency (AHPRA) through the Nursing and Midwifery Board of Australia (NMBA). Registration with the Australian Health Professionals Registration Authority will require an International English Language Testing System (IELTS) score of 7.0, with a minimum score of 7.0 in all four test categories: Reading, Writing, Speaking, and Listening. Results must have been obtained no more than 2 years prior to applying for registration. Therefore graduates will be required to take a further IELTS test even if the required results were demonstrated prior to enrolment in the BNursing (OSQualNurs). Visit www.nursingmidwiferyboard.gov.au/ for further information.

Graduates may gain registration in a number of other countries.

Contact Information

For further information please contact your Course Advisor at http://www.uow.edu.au/health/hbs_central/UOW024550.html.

Other Information

Further information is available at http://coursefinder.uow.edu.au/

Additional Information

National Criminal Record Check

NSW Ministry of Health requires all students undertaking clinical placement as part of a health related course to undergo a National Criminal Record Check. The criminal record check must be obtained before a student can attend any clinical placement in a health facility. Students will be provided advice at enrolment and orientation on the process to be followed to obtain a suitable criminal record check, this includes either a National Police Certificate or a Federal Police Certificate If a student's criminal record check indicates convictions it will not necessarily exclude them from a clinical placement. Each situation will be individually assessed confidentially via a risk assessment process with NSW Ministry of Health. In addition to this, overseas students are required to obtain a Police Certificate translated in English from their home country or complete a statutory declaration.

Note that there is a cost associated with obtaining a Criminal Record Check. It is the responsibility of the student to meet this cost. All information related to this can be located on http://www.police.nsw.gov.au/about_us/structure/specialist_operations/forensic_services/criminal_records_section

Child protection legislation enacted in July 2000 requires each student to complete and sign a Prohibited Employment Declaration for each clinical placement. The relevant forms will be provided to you as needed.

For further information on Criminal Record Checks visit Student Clearances for Clinical Placements - NSW Department of Health.

Vaccinisation against Specific Infectious Diseases

NSW Health also requires students undertaking clinical placement in health facilities to be compliant with certain vaccinations to ensure the safety of both students and patients. This information will be provided at enrolment and orientation.

For further information on compliance with Infectious Diseases requirements please visit http://www.health.nsw.gov.au/publichealth/immunisation/ohs/.

Fee Information

For tuition fee information please see the following:

Domestic - www.uow.edu.au/student/finances/index.html

International - www.uow.edu.au/future/international/apply/fees/

Bachelor of Nursing Advanced

Testamur Title:	Bachelor of Nursing Advanced
Abbreviation:	BNursAdv
My University:	Nursing, Management and Leadership, Mental Health
Duration:	4 years full-time
Total Credit Points:	192
Delivery Mode:	On-campus, Flexible
Starting Session(s):	Autumn
Location:	Wollongong, Bega, Shoalhaven and Southern Sydney
UOW Course Code:	1835
UAC Code:	757110
CRICOS Code:	068538D

Overview

The Bachelor of Nursing Advanced is designed for higher ability students who are the potential future leaders in nursing and leads to eligibility to register as a Nurse in Australia.

Entry Requirements / Assumed Knowledge

International students are required to have achieved an overall IELTS score of 6.5, with a minimum level of 6.5 in all bands of reading and writing, speaking and listening.

Higher levels of English language proficiency are required for registration with the Australian Health Practitioner Regulation Agency (AHPRA) through the Nursing and Midwifery Board of Australia after graduation and results must have been obtained no more than 2 years prior to applying for registration. Therefore graduates will be required to take a further IELTS test even if the required results were demonstrated prior to enrolment in the Bachelor of Nursing Advanced. For further information visit www.nursingmidwiferyboard.gov.au.

Course Requirements

The Bachelor of Nursing requires the successful completion of 192 credit points of subjects in accordance with the table below.

In order to attend clinical placements, students must meet NSW Health Department requirements in regard to Criminal Record Checks and Infectious Disease. Students who do not meet these requirements will not be able to attend clinical practicum and therefore will not be able to continue in the Bachelor of Nursing for Overseas Qualified Nurses. For further information on Criminal Record Checks and Infectious Diseases please see visit Student Clearances for Clinical Placements - NSW Department of Health.

This is a prescribed course designed for persons seeking registration with the Nursing and Midwifery Board of Australia, in which:

Year 1 of the course introduces principles of nursing practice

Year 2 of the course focuses on principles of episodic care

Year 3 and 4 of the course is concerned with principles of chronic and complex care

Subject Code	Subject Name	Session	Credit Points
Year 1 Common Core			
NMIH101	Effective Communication in Health Care Relationships	Autumn	6
NMIH102	Patterns of Knowing in Nursing	Autumn	6
NMIH103	Art & Science of Nursing A	Autumn	6
NMIH104	Art & Science of Nursing B*	Autumn	6
NMIH105	Primary Health Care Nursing	Spring	6
NMIH106	Essentials of Care A	Spring	6
NMIH107	Essentials of Care B*	Spring	6
NMIH108	Introduction to Health Behaviour Changes	Spring	6
Year 2 Common Core			
NMIH201	Principles of Episodic Care	Autumn	6
NMIH202	Developing Nursing Practice 1*	Autumn	6
NMIH203	Family Centred Nursing	Autumn	6
NMIH204	Reflection and Practice	Autumn	6
NMIH205	Cultural Competencies in Health Care Practice	Spring	6
NMIH206	Therapeutics in Nursing	Spring	6
NMIH207	Developing Nursing Practice 2*	Spring	6
NMIH208	Mental Health Nursing 1*	Spring	6
Year 3 Common Core			
NMIH301	Nursing Care of People with Chronic Conditions*	Autumn	6
NMIH302	Mental health Nursing 2*	Autumn	6
NMIH303	Therapeutic Use of Self	Autumn	6
NMIH304	Evidence Appreciation and Application in Health Care Practice	Autumn	6
NMIH315	Practice Development and Person Centred Nursing	Spring	6
NMIH320	Clinical Practice 1	Spring	6
Year 3 Management and Leadership Major			
NMIH316	Innovation in Clinical Practice	Spring	6
NMIH318	Contemporary Leadership Perspectives	Spring	6
Year 3 Mental Health Major			
NMIH312	Therapeutic Intervention in Mental Health	Spring	6
NMIH314	Mental Health Nursing and the Older Person	Spring	6
Year 4 Common Core			
NMIH317	Nursing Care of People with Complex Conditions	Not available in 2013	6
NMIH319	Contemporary Research in Practice	Not available in 2013	12
NMIH321	Clinical Practice 2	Not available in 2013	6
NMIH305	Nursing Care of People with Complex Conditions	Spring	6
NMIH306	Challenges of Ageing	Spring	6
NMIH307	Leadership in Health Care Practice	Spring	6
NMIH308	Transition to Professional Practice*	Spring	6

** denotes clinical subjects*

Candidates should note that pre- and co-requisites apply to many subjects in the course. Satisfactory completion of all Year 2 nursing theory and practice subjects is a pre-requisite to enrolment in Year 3 nursing theory and practice subjects. The reason for these prescriptions is that the School of Nursing, Midwifery and Indigenous Health has a legal responsibility to ensure that candidates meet nursing theory and practice requirements at each level of the course.

Due to the necessary inclusion of clinical practicum, the length of each session of the course varies from the normal 13 week session. Throughout the 4 year course, students will be required to attend 28 weeks off-campus clinical placements in a variety of settings and different area health services.

In order to attend clinical placements, students must meet NSW Health Department requirements in regard to Criminal Record Checks and Infectious Disease. Students who do not meet these requirements will not be able to attend clinical practicum and therefore will not be able to continue in the Bachelor of Nursing Advanced. For further information on Criminal Record Checks and Infectious Diseases please see the Additional Information section.

Professional Recognition

Graduates are eligible to apply to register with the Australian Health Practitioner Regulation Agency (AHPRA) through the Nursing and Midwifery Board of Australia (NMBA). Registration with the Australian Health Professionals Registration Authority will require an International English Language Testing System (IELTS) score of 7.0, with a minimum score of 7.0 in all four test categories: Reading, Writing, Speaking, and Listening. Results must have been obtained no more than 2 years prior to applying for registration. Therefore graduates will be required to take a

further IELTS test even if the required results were demonstrated prior to enrolment in the BNursing (OSQualNurs). Visit www.nursingmidwiferyboard.gov.au/ for further information.

Graduates may gain registration in a number of other countries.

Contact Information

For further information please contact your Course Advisor at http://www.uow.edu.au/health/hbs_central/UOW024550.html

Other Information

Further information is available at http://coursefinder.uow.edu.au/.

Additional Information

National Criminal Record Check

NSW Ministry of Health requires all students undertaking clinical placement as part of a health related course to undergo a National Criminal Record Check. The criminal record check must be obtained before a student can attend any clinical placement in a health facility. Students will be provided advice at enrolment and orientation on the process to be followed to obtain a suitable criminal record check, this includes either a National Police Certificate or a Federal Police Certificate If a student's criminal record check indicates convictions it will not necessarily exclude them from a clinical placement. Each situation will be individually assessed confidentially via a risk assessment process with NSW Ministry of Health. In addition to this, overseas students are required to obtain a Police Certificate translated in English from their home country or complete a statutory declaration.

Note that there is a cost associated with obtaining a Criminal Record Check. It is the responsibility of the student to meet this cost. All information related to this can be located on http://www.police.nsw.gov.au/about_us/structure/specialist_operations/forensic_services/criminal_records_section

Child protection legislation enacted in July 2000 requires each student to complete and sign a Prohibited Employment Declaration for each clinical placement. The relevant forms will be provided to you as needed.

For further information on Criminal Record Checks visit Student Clearances for Clinical Placements - NSW Department of Health.

Vaccinisation against Specific Infectious Diseases

NSW Health also requires students undertaking clinical placement in health facilities to be compliant with certain vaccinations to ensure the safety of both students and patients. This information will be provided at enrolment and orientation.

For further information on compliance with Infectious Diseases requirements please visit http://www.health.nsw.gov.au/publichealth/immunisation/ohs/.

Fee Information

For tuition fee information please see the following:

Domestic - www.uow.edu.au/student/finances/index.html

International - www.uow.edu.au/future/international/apply/fees/

Bachelor of Nursing (Conversion)

Testamur Title:	Bachelor of Nursing (Conversion)
Abbreviation:	BNursing(Conversion)
My University:	Nursing
Duration:	6 months – 1.5 years full-time or part-time equivalent*
Total Credit Points:	24 (Diploma or equivalent) or 72 (Certificate or equivalent)
Delivery Mode:	On Campus
Starting Session(s):	Autumn, Spring
Location:	Wollongong, Hong Kong
UOW Course Code:	860
UAC Code:	N/A
CRICOS Code:	012094A

**The length of the degree is dependent upon entry qualifications*

NB – This qualification does not lead to eligibility to apply for registration as a nurse in Australia.

Overview

The Bachelor of Nursing (Conversion) provides hospital trained nurses or diplomats with the opportunity to upgrade to degree level. Students will demonstrate an increased understanding of the nature of nursing; evaluate and apply concepts drawn from nursing theory and research to professional practice; offer leadership to less experienced members of the nursing profession; demonstrate an increased awareness of the effects of cultural, social, economic, legal and ethical influences on the development of the nursing profession; demonstrate increased ability in critical reflection and research; display a readiness and ability to participate in positive changes; and demonstrate competencies that will enable health professionals to accept responsibility for a more complex level of client management.

Entry Requirements / Assumed Knowledge

Candidates must be Registered Nurses to enrol in this course, must be eligible for registration in Australia or their home country, and have obtained their initial qualification after 1972. Applicants who obtained their initial qualification before 1972 who do not hold equivalent nursing qualifications are still eligible to apply following successful completion of the Special Tertiary Admissions Test, or the fulfilment of other entry paths such as the University Access Program.

International students are required to have achieved an overall IELTS score of 6.5, with a minimum level of 6.0 in all bands of reading and writing, speaking and listening.

Students should consult the information about Criminal Records Checks and Infectious Diseases in the Additional Information Section.

Credit Arrangements

For Certificated Registered Nurses: credit of up to 24 credit points may be approved for candidates with post certificate qualifications and experience, but each candidate must satisfy each of the following requirements:

1. at least 6 credit points will be for 100-level subjects, and must include NMIH101;
2. at least 12 credit points will be for 200-level subjects;
3. at least 24 credit points will be for 300-level subjects, and must include NMIH304.

Course Requirements for Certificated Registered Nurses

The number of candidates admitted to the course will be limited and applicants must be approved by the Head of the School of Nursing, Midwifery and Indigenous Health. Registered nurses with certificate(s) are required to satisfactorily complete subjects with a value of at least 72 credit points, including those in the table below. Students may also choose a limited number of credit points from the General Schedule at the discretion of the School.

Subject Code	Subject Name	Session	Credit Points
NMIH101	Effective Communication in Health Care Relationships	Autumn	6
NMIH102	Patterns of Knowing in Nursing	Autumn	6
NMIH105	Primary Health Care Nursing	Spring	6
NMIH108	Introduction to Health Behaviour Change	Spring	6
NMIH203	Family Centred Nursing	Autumn	6
NMIH204	Reflection and Practice	Autumn	6
NMIH205	Cultural Competence in Health Care Practice	Spring	6
NMIH206	Therapeutics in Nursing	Spring	6
NMIH303	Therapeutic Use of Self	Autumn	6
NMIH304	Evidence Appreciation and Application in Health Care Practice	Autumn	6
NMIH306	Challenges of Ageing	Spring	6
NMIH307	Leadership in Health Care Practice	Spring	6
NMIH328	Management in Nursing	Spring	6

Course Requirements for Registered Nurses who hold a Diploma of Nursing (or equivalent)

The number of candidates admitted to the course will be limited and applicants must be approved by the Head of the School of Nursing, Midwifery and Indigenous Health. Registered nurses with a Diploma of Nursing, or equivalent, are required to satisfactorily complete subjects with a value of at least 24 credit points, of which at least 12 credit points shall be for 300-level subjects.

Subject Code	Subject Name	Session	Credit Points
NMIH203	Family Centred Nursing	Autumn	6
NMIH204	Reflection and Practice	Autumn	6

NMIH205	Cultural Competence in Health Care Practice	Spring	6
NMIH206	Therapeutics in Nursing	Spring	6
NMIH303	Therapeutic Use of Self	Autumn	6
NMIH309	Special Topic in Nursing 3	Autumn	6
NMIH331	Research for Registered Nurses	Autumn	6
NMIH306	Challenges of Ageing	Spring	6
NMIH307	Leadership in Health Care Practice	Spring	6
NMIH325	Community Development Nursing: Theory and Practice	Spring	6
NMIH328	Management in Nursing	Spring	6

Students may also choose a limited number of credit points from the General Schedule at the discretion of the School.

Honours

The Bachelor of Nursing (Honours) provides exceptional nursing students with the opportunity to extend their knowledge and skills beyond the beginning level. There is an increasing need for graduates to develop more advanced and extensive knowledge in the discipline than can be attained in a pass degree. This need can be achieved by qualified candidates who have attained a level of scholarship at credit level or above in 300-level Nursing subjects, undertaking advanced coursework and research.

Professional Recognition

Graduates may apply for higher positions in management and other specialised areas within the discipline of nursing.

Contact Information

For further information please contact your Course Advisor at http://www.uow.edu.au/health/hbs_central/UOW024550.html

Other Information

Other information is available at http://coursefinder.uow.edu.au/

Additional Information

National Criminal Record Check

NSW Ministry of Health requires all students undertaking clinical placement as part of a health related course to undergo a National Criminal Record Check. The criminal record check must be obtained before a student can attend any clinical placement in a health facility. Students will be provided advice at enrolment and orientation on the process to be followed to obtain a suitable criminal record check, this includes either a National Police Certificate or a Federal Police Certificate If a student's criminal record check indicates convictions it will not necessarily exclude them from a clinical placement. Each situation will be individually assessed confidentially via a risk assessment process with NSW Ministry of Health. In addition to this, overseas students are required to obtain a Police Certificate translated in English from their home country or complete a statutory declaration.

Note that there is a cost associated with obtaining a Criminal Record Check. It is the responsibility of the student to meet this cost. All information related to this can be located on http://www.police.nsw.gov.au/about_us/structure/specialist_operations/forensic_services/criminal_records_section

Child protection legislation enacted in July 2000 requires each student to complete and sign a Prohibited Employment Declaration for each clinical placement. The relevant forms will be provided to you as needed.

For further information on Criminal Record Checks visit Student Clearances for Clinical Placements - NSW Department of Health.

Vaccinisation against Specific Infectious Diseases

NSW Health also requires students undertaking clinical placement in health facilities to be compliant with certain vaccinations to ensure the safety of both students and patients. This information will be provided at enrolment and orientation.

For further information on compliance with Infectious Diseases requirements please visit http://www.health.nsw.gov.au/publichealth/immunisation/ohs/.

Fee Information

For tuition fee information please see the following:

Domestic - www.uow.edu.au/student/finances/index.html

International - www.uow.edu.au/future/international/apply/fees/

Bachelor of Nursing for Overseas Qualified Nurses

Testamur Title:	Bachelor of Nursing for Overseas Qualified Nurses
Abbreviation:	BNurs(OSQualNurs)
My University:	Nursing
Duration:	2 years full-time
Total Credit Points:	96
Delivery Mode:	On-campus
Starting Session(s):	Autumn
Location:	Wollongong
UOW Course Code:	1836
UAC Code:	N/A
CRICOS Code:	068539C

Overview

The Bachelor of Nursing for Overseas Qualified Nurses course has been designed for Nurses who have been educated and are registered outside of Australia to undertake a programme of study that leads to registration as a Nurse in Australia.

This two year full-time course is designed to comprehensively prepare graduates for professional nursing practice.

Entry Requirements / Assumed Knowledge

Applicants must be registered as a professional nurse in their home country, and must have either gained their professional nursing qualification within the last 10 years OR have practised as a registered nurse for three of the last ten years. The qualification leading to nursing registration must be at least two years (full time or equivalent) in length and at a post-secondary level.

Applicants are also required to attend a three-week orientation module commencing in late January/early February and pass all assessment activities therein as a condition of entry to the Bachelor of Nursing (Overseas Qualified Nurses). Those who do not pass the assessment will be offered a place in the three-year Bachelor of Nursing.

International students are required to have achieved an IELTS score of 6.5 with a minimum level of 6.5 in all bands, reading, writing, listening and speaking prior to the commencement of the orientation module.

Higher levels of English language proficiency are required for registration with the Australian Health Practitioner Regulation Agency (AHPRA) through the Nursing and Midwifery Board of Australia after graduation and results must have been obtained no more than 2 years prior to applying for registration. Therefore graduates will be required to take a further IELTS test even if the required results were demonstrated prior to enrolment in the BNursing (OSQualNurs). Visit http://www.nursingmidwiferyboard.gov.au/ for further information.

Course Requirements

The Bachelor of Nursing for Overseas Qualified Nurses requires the successful completion of 96 credit points of subjects in accordance with the table below.

In order to attend clinical placements, students must meet NSW Health Department requirements in regard to Criminal Record Checks and Infectious Disease. Students who do not meet these requirements will not be able to attend clinical practicum and therefore will not be able to continue in the Bachelor of Nursing for Overseas Qualified Nurses. For further information on Criminal Record Checks and Infectious Diseases please see visit Student Clearances for Clinical Placements - NSW Department of Health.

Subject Code	Subject Name	Session	Credit Points
Year 1			
NMIH101	Effective Communication in Health Care Relationships	Autumn	6
NMIH102	Patterns of Knowing in Nursing	Autumn	6
NMIH201	Principles of Episodic Care	Autumn	6
NMIH202	Developing Nursing Practice 1	Autumn	6
NMIH205	Cultural Competencies in Health Care Practice	Spring	6
NMIH206	Therapeutics in Nursing	Spring	6
NMIH207	Developing Nursing Practice 2	Spring	6
NMIH208	Mental Health Nursing 1	Spring	6
Year 2			
NMIH203	Family Centred Nursing	Autumn	6

NMIH204	Reflection and Practice	Autumn	6
NMIH304	Evidence Appreciation and Application in Health Care Practice	Autumn	6
NMIH322	Nursing Care of People with Chronic and Complex Conditions	Autumn	6
NMIH323	Primary and Community Health Care Nursing	Spring	6
NMIH306	Challenges of Ageing	Spring	6
NMIH307	Leadership in Health Care Practice	Spring	6
NMIH308	Transition to Professional Practice	Spring	6

Orientation Module

The Orientation module will ensure that the students have the pre-requisite knowledge and skills for clinical practise, nursing process and safety content in Year 1 to include: medication, infection control, CPR, manual handling, medical terminology and colloquial language within the Australian context. This will be via a programme of simulation and workshops that will include a series of challenges that will be structured and assessed. The orientation for 2013 intake is scheduled for 10th February 2013.

Professional Recognition

Graduates are eligible to apply to register with the Australian Health Practitioner Regulation Agency (AHPRA) through the Nursing and Midwifery Board of Australia (NMBA). Registration with the Australian Health Professionals Registration Authority will require an International English Language Testing System (IELTS) score of 7.0, with a minimum score of 7.0 in all four test categories: Reading, Writing, Speaking, and Listening. Results must have been obtained no more than 2 years prior to applying for registration. Therefore graduates will be required to take a further IELTS test even if the required results were demonstrated prior to enrolment in the BNursing (OSQualNurs). Visit www.nursingmidwiferyboard.gov.au/ for further information.

Contact Information

For further information please contact your Course Advisor at: http://www.uow.edu.au/health/hbs_central/UOW024550.html

Bachelor of Nutrition and Dietetics

Testamur Title:	Bachelor of Nutrition and Dietetics
Abbreviation:	BNutrDiet
My University:	Nutrition, Dietetics
Duration:	4 years full-time or part-time equivalent
Total Credit Points:	192
Delivery Mode:	On-campus
Starting Session(s):	Autumn
Location:	Wollongong
UOW Course Code:	865
UAC Code:	757647
CRICOS Code:	026811F

Overview

The Bachelor of Nutrition and Dietetics (BND) includes coursework, work-based learning in and development of research knowledge and skill. The aim of the course is to develop the knowledge and skills required by dietitians/nutritionists to work in a variety of community and public health settings, in food industry, private practice, hospitals, and other tertiary health care facilities.

Entry Requirements / Assumed Knowledge

Domestic school leavers are assumed to have completed any two units of English, plus four units of Science and/or Maths. It is strongly recommended that 2 units of Year 12 Chemistry are taken. Students who do not have Yr 12 Chemistry are strongly advised to take the Chemistry Bridging Course offered at UOW in February each year prior to commencing studies.

International students are required to have achieved an overall IELTS score of 6.5, with a minimum level of 6.5 in all bands of reading and writing, speaking and listening.

Course Requirements

The Bachelor of Nutrition and Dietetics requires the successful completion of 192 credit points of subjects in accordance with the course structure and recommended subject progression table below.

Students must achieve a minimum of a credit average across the first two years of their program to be permitted to continue into the third and fourth years of this degree. Students who fail to achieve this grade will be transferred to the BSc (Nutrition) degree.

This course includes a compulsory clinical placement component. All students will need to comply with the relevant occupational screening policy and vaccination requirements before placement. NSW Health can provide details of necessary vaccinations. In order to enrol in professional practice subjects, all UOW BND students must provide a completed National Criminal Record Check and a Prohibited Employment Declaration Form. For further information, refer to the Additional Information section.

Subject Code	Subject Name	Session	Credit Points
Year 1			
CHEM101	Chemistry 1A	Autumn	6
PSYC101	Introduction to Behavioural Science	Autumn	6
Or			
SOC 103	Introduction to Sociology	Autumn	6
SHS 110	Human Growth, Nutrition and Exercise	Autumn	6
SHS 111	Anatomy and Physiology I	Autumn	6
BIOL103	Molecules, Cells and Organisms	Spring	6
CHEM102	Chemistry 1B	Spring	6
SHS 112	Anatomy and Physiology II	Spring	6
SHS 150	Fundamental Concepts in Food and Nutrition	Spring	6
Year 2			
BIOL213	Principles of Biochemistry	Autumn	6
CHEM215	Food Chemistry	Autumn	6
SHS 211	Human Physiology II: Control Mechanisms	Autumn	6
SHS 231	Health Promotion	Autumn	6
STAT251	Fundamentals of Biostatistics	Spring	6
BIOL214	The Biochemistry of Energy and Metabolism	Spring	6
SHS 250	Measurement and Assessment of Diet and Activity	Spring	6
Plus 6cp chosen from:			
PSYC116	Psychology of Physical Activity and Health	Spring	6
SHS 212	Introduction to Pathophysiology	Spring	6
SHS 355	Nutrition and Food Innovation II	Spring	6
Or other approved subjects			
Year 3			
SHS 351	Nutrients and Metabolism	Autumn	8
DIET450	Dietetics 1	Autumn	8
SHS 353	Community and Public Health Nutrition	Autumn	8
DIET451	Dietetics 2	Spring	8
DIET452	Communication in Health Care Practice	Spring	8
DIET456	Food Service and Dietetics Management	Spring	8
Year 4			
DIET454	Practical Studies in Nutrition and Dietetics	Annual	24
DIET459	Research Project in Nutrition and Dietetics	Annual	24

Articulation with other UOW Courses

Students in the Bachelor of Science (Nutrition) who achieved a distinction average in 96 credit points (equivalent full time two years enrolment) of their course may apply to transfer into the Bachelor of Nutrition & Dietetics. Entry is competitive, applicants are ranked on the basis of academic merit by a selection panel once a year, a recommendation is made by the Course Coordinator and approved by the Head of school. Any course transfer offer is subject to availability of places – there will be limited places each year.

Course transfer applications from other UOW courses may be considered in exceptional circumstances, but only where the course is a relevant science-based degree and the student has a minimum of distinction grade average performance. These applications are competitively ranked. Ranking occurs once a year by a selection panel, a recommendation is then made by the Course Coordinator to the Head of School for a course transfer offer.

Students in the BND may apply for course transfer to the BSc(Nutrition) if they do not wish to complete the professional components of the BND or the four year equivalent full time BND program. Specified academic credit from the BND to the BSc(Nutrition) will be considered on a case-by-case basis; unspecified credit will be awarded for BSc(Nutrition) elective subjects. The BSc (Nutrition) course is not equivalent to the BND for professional recognition.

Students in the BND who intend applying for course transfer into other eligible UOW courses should obtain academic advice to inform their subject selections.

Honours

High achieving students will be eligible to apply for entry into the Bachelor of Nutrition and Dietetics (Honours). Entry into Honours requires the student to have attained at least a credit average in subjects undertaken during their undergraduate degree. For further information, please contact the Course Coordinator. The Honours grade will be calculated in accordance with the University of Wollongong Method 3. For further information refer to General Course Rules Section 8

Professional Recognition

The Bachelor of Nutrition and Dietetics program has full accreditation with the Dietitians Association of Australia (DAA), making all graduates eligible for the credential of Accredited Practising Dietitian (APD) and Accredited Nutritionist (AN). Graduates can also apply for membership to the Nutrition Society of Australia (see NSA website).

Contact Information

For further information please contact your Course Advisor at http://www.uow.edu.au/health/hbs_central/UOW024550.html

Other Information

Other information is available at http://coursefinder.uow.edu.au/

Additional Information

National Criminal Record Check

NSW Ministry of Health requires all students undertaking clinical placement as part of a health related course to undergo a National Criminal Record Check. The criminal record check must be obtained before a student can attend any clinical placement in a health facility. Students will be provided advice at enrolment and orientation on the process to be followed to obtain a suitable criminal record check, this includes either a National Police Certificate or a Federal Police Certificate If a student's criminal record check indicates convictions it will not necessarily exclude them from a clinical placement. Each situation will be individually assessed confidentially via a risk assessment process with NSW Ministry of Health. In addition to this, overseas students are required to obtain a Police Certificate translated in English from their home country or complete a statutory declaration.

Note that there is a cost associated with obtaining a Criminal Record Check. It is the responsibility of the student to meet this cost. All information related to this can be located on http://www.police.nsw.gov.au/about_us/structure/specialist_operations/forensic_services/criminal_records_section

Child protection legislation enacted in July 2000 requires each student to complete and sign a Prohibited Employment Declaration for each clinical placement. The relevant forms will be provided to you as needed.

For further information on Criminal Record Checks visit Student Clearances for Clinical Placements - NSW Department of Health.

Vaccinisation against Specific Infectious Diseases

NSW Health also requires students undertaking clinical placement in health facilities to be compliant with certain vaccinations to ensure the safety of both students and patients. This information will be provided at enrolment and orientation.

For further information on compliance with Infectious Diseases requirements please visit http://www.health.nsw.gov.au/publichealth/immunisation/ohs/.

Fee Information

For tuition fee information please see the following:

Domestic -	www.uow.edu.au/student/finances/index.html
International -	www.uow.edu.au/future/international/apply/fees/

Bachelor of Performance

Testamur Title:	Bachelor of Performance
Abbreviation:	BPerf
My University:	Creative Arts, Theatre, Drama, Acting, Performance
Duration:	3 years full-time or part-time equivalent
Total Credit Points:	144
Delivery Mode:	On campus
Starting Session(s):	Autumn
Location:	Wollongong
UOW Course Code:	1849
UAC Codes:	Acting and Performance-making 754800
	Technical Theatre 754810
CRICOS Code:	072568G

Overview

The Bachelor of Performance is an intensive, specialist course that develops students as self-reliant, highly-skilled performing artists through a strong, practice-based program. Students can choose to specialise in either Acting (interpretive performance) or Performance-making (generative, devised performance) or Technical Theatre (encompassing stage management, technical/production management and operation and creative practice in sound, lighting and audio-visual design).

Entry Requirements

Applicants must be prepared to demonstrate their ability to meet the criteria for a proposed major as determined by an audition or interview. Please refer to the Faculty website for details: http://www.uow.edu.au/crearts/futureundergrad/.

The Bachelor of Performance is an intensive, practice-based course. Students must maintain a high standard of both academic and practical ability to remain in the course.

Students who complete the first year of the Bachelor of Creative Arts (Theatre) to a high performance standard, may be permitted to transfer into the Bachelor of Performance.

Credit Arrangements

The Faculty offers credit transfers to students who have successfully completed relevant courses at accredited universities and colleges. Students seeking credit transfer are advised to contact the Faculty or UniAdvice for further details and refer to the General Course Rules.

Course Requirements

Prior to commencing the Bachelor of Performance degree, students must elect to study either the Acting and Performance-making major or Technical Theatre major. Please refer to the course requirements outlined in the Acting and Performance-making Major Study and Technical Theatre Major Study entries in this Handbook.

Note: No more than 60 credit points at 100 level can be counted towards the Bachelor of Performance degree. Students must achieve a clear pass in the core 300 level subjects to be eligible to graduate with a Bachelor of Performance.

Other Information

The Faculty may impose quotas on subjects as required to ensure optimal class sizes.

Further information is available at:

UOW Coursefinder	http://coursefinder.uow.edu.au/
Creative Arts Email	fca-enquiries@uow.edu.au
Creative Arts Website	http://www.uow.edu.au/crearts/

Major Studies - Acting and Performance-Making

Students that are enrolled in the Major Study - Acting and Performance-Making take common subjects in the first two sessions of the course. Following this, students will be streamed into either Acting or Performance-making. Students who fail to meet the required performance standard for either stream will transfer to the Bachelor of Creative Arts (Theatre).

The Acting major is almost entirely prescribed, with the only elective options being 12credit points in first year.

The Performance-making major is more flexible and students are required to take 30 credit points of elective subjects.

While Directing for Theatre is not specified in the Bachelor of Performance, students may be given the option to pursue directing as part of the Performance-making major. The option to study direction is by invitation only.

Program of Study for the Acting Major

Subjects		Session	Credit points
100 level			
CACS101	Contemporary Creative Practice	Autumn	6
CAPF101	Performance Skills 1: Acting, Movement, Singing, Voice	Autumn	6
CAPF111	Stagecraft 1	Autumn	6
CACS102	Critical Frameworks in Creative Practice	Spring	6
CAPF102	Performance Skills 2: Acting, Movement, Singing, Voice	Spring	6
CAPF112	Stagecraft 2	Spring	6
Plus 12cp of electives at 100, 200 or 300 level			
200 level			
CAPF201	Performance Skills 3: Acting, Movement, Singing, Voice	Autumn	6
CAPF211	Performance Production 1	Autumn	6
CAPF215	Scenework 1 - Engaging with Text	Autumn	6
CAPF231	Contemporary Theatre and Text	Autumn	6
CAPF202	Performance Skills 4 - Acting, Movement, Singing, Voice	Spring	6
CAPF212	Performance Production 2	Spring	6
CAPF216	Scenework 2 - Form and Genre	Spring	6
CAPF232	Contemporary Australian Theatre and its Context	Spring	6
300 Level			
CAPF301	Performance Skills 5 - Acting, Movement, Singing, Voice	Autumn	6
CAPF311	Performance Production 3	Autumn	6
CAPF315	Scenework 3	Autumn	6
CAPF316	Scenework 4 - Graduate Showcase	Spring	6
CAPF390	Major Performance Production	Spring	12
CACS301	Professional Practice	Spring Summer	6
Plus:			
CAPF331	Theory and Practice of Theatre and Performance in the 20th and 21st Century	Autumn	6
or			
CAPF333	Political Dramaturgy	Spring	6

Program of Study for the Performance-Making Major

Subjects		Session	Credit points
100 level			
CACS101	Contemporary Creative Practice	Autumn	6
CAPF101	Performance Skills 1: Acting, Movement, Singing, Voice	Autumn	6
CAPF111	Stagecraft 1	Autumn	6
CACS102	Critical Frameworks in Creative Practice	Spring	6
CAPF102	Performance Skills 2: Acting, Movement, Singing, Voice	Spring	6
CAPF112	Stagecraft 2	Spring	6
200 level			
CAPF215	Scenework 1 - Engaging with Text	Autumn	6
CAPF221	Theatre Studio: Performance Workshop	Autumn	6
CAPF222	Theatre Studio: Methodologies	Autumn	6
CAPF231	Contemporary Theatre and Text	Autumn	6
CAPF203	Generative Performance Skills 1	Spring	6
CAPF212	Performance Production 2	Spring	6
CAPF232	Contemporary Australian Theatre and its Context	Spring	6
300 level			
CAPF303	Generative Performance Skills 2	Autumn	6
CAPF311	Technical Theatre: Production 3	Autumn	6
CAPF390	Major Performance Production	Spring	12
CACS301	Professional Practice	Spring Summer	6
Plus:			
CAPF331	Theory and Practice of Theatre and Performance in the 20th and 21st Century	Autumn	6
or			
CAPF333	Political Dramaturgy	Spring	6
And:			
30cp of electives of which 6cp must be at 200 or 300 level			

Other Information

Further information is available at http://coursefinder.uow.edu.au/ or email: Creative Arts - fca_enquiries@uow.edu.au

Major Study - Technical Theatre

A major in Technical Theatre encompasses stage management, technical/production management and operation and creative practice in sound, lighting and audio-visual design. It is a program of study that is clearly differentiated from actor training on the one hand, and performance-making (directing, animateuring, devising) on the other. The Technical Theatre major is almost entirely prescribed, with the only 12credit points of elective options available.

Program of Study for the Technical Theatre Major

Subjects		Session	Credit points
100 level			
CACS101	Contemporary Creative Practice	Autumn	6
CAPA111	Technical Production 1	Autumn	6
CAPF111	Stagecraft 1	Autumn	6
CACS102	Critical Frameworks in Creative Practice	Spring	6
CAPA112	Technical Production 2	Spring	6
CAPF112	Stagecraft 2	Spring	6
Plus 12cp of electives at 100, 200 or 300 level			

200 level			
CAPA211	Technical Theatre: Production 1	Autumn	6
CAPA215	Technical Theatre: Design 1	Autumn	6
CAPA221	Technical Theatre: Skills 1	Autumn	6
CAPF 231	Contemporary Theatre and Text	Autumn	6
CAPA212	Technical Theatre: Production 2	Spring	6
CAPA216	Technical Theatre: Design 2	Spring	6
CAPA222	Technical Theatre: Skills 2	Spring	6
CAPF232	Contemporary Australian Theatre and its Context	Spring	6
300 level			
CAPA311	Technical Theatre: Production 3	Autumn	6
CAPA315	Technical Theatre: Design 3	Autumn	6
CAPA321	Technical Theatre: Skills 3	Autumn	6
CAPA316	Technical Theatre: Design 4	Spring	6
CAPA390	Technical Theatre: Major Production	Spring	12
CACS301	Professional Practice	Spring Summer	6
Plus:			
CAPF331	Theory and Practice of Theatre and Performance in the 20th and 21st Century	Spring	6
or			
CAPF333	Political Dramaturgy	Spring	6

Bachelor of Physical and Health Education

Testamur Title:	Bachelor of Physical and Health Education
Abbreviation:	BPhyHlthEd
My University:	Education, Physical Health Education, Secondary, Teaching
Duration:	4 years full-time or part-time equivalent
Total Credit Points:	192
Delivery Mode:	On campus
Starting Session(s)	Autumn
Location:	Wollongong
UOW Course Code:	1810
UAC Code:	755101
CRICOS Code:	062239G

Overview

This course is intended to provide sound academic and professional training for employment as a physical and health education teacher. In NSW, graduates are employed as secondary teachers of Personal Development, Health and Physical Education. The course normally extends over a minimum period of four years and offers studies in Physical Education, Health Education, Curriculum and Pedagogy, Educational Foundations and Movement Science. Students will also study subjects that have a cross-curriculum perspective such as Aboriginal Education, Information and Communication Technology, Learners with Exceptional Needs, Educational Research and Risk and Behaviour Management.

Entry Requirements / Assumed Knowledge

Assumed knowledge: Any two units of English.

The NSW Institute of Teachers (NSWIT) requirements for employment as secondary teachers in NSW schools are: minimum Band 4 in English (Advanced), English (Standard) or English as a Second Language. Students who do not satisfy these requirements must successfully complete *EDLL101* in lieu of one elective prior to graduation.

Recommended studies: Any two units of Personal Development, Health and Physical Education or any two units of Science.

Course Requirements

Professional Experiences

The course involves placement in schools and other educational settings as part of the Professional Experience component. These experiences usually occur in the Illawarra, Shoalhaven, Southern Highlands and Southern Sydney schools. Opportunities to undertake a practical teaching experience in Western NSW or countries such as China, Fiji, Malaysia and Thailand may also be available.

Prohibited Employment Legislation

Under the Child Protection (Prohibited Employment) Act 1998, all students enrolled in this degree are required to complete a Prohibited Employment Declaration before undertaking any professional experience that involves children or young people.

Preservice teachers who participate in internship programs in NSW schools will be required to undergo a Working with Children Check.

Literacy Requirements

To satisfy the outcomes of all professional experiences students will require highly developed written and spoken English literacy skills. Students may be required to complete private tuition or courses in English literacy to develop their spoken and written English skills to a level of competency that will enable them to meet professional experience outcomes. These outcomes are required to satisfactorily pass this course.

Course Program

Subjects		Session	Credit Points
Year 1			
EDIC101	Learning and Teaching with Technology	Autumn	6
EDPH101	About Young People	Autumn	6
EDFE101	Educational Foundations 1: Learning and Development	Autumn	6
EDPS101	Introduction to Anatomy and Physiology	Autumn	6
EDPM101	Foundations of Movement Skill Acquisition	Spring	6
EDPH102	Meanings of Health	Spring	6
EDPP102	Foundations of Teaching and Learning in PDHPE	Spring	6
EDUP234	Exercise Physiology	Spring	6
Year 2			
EDPM201	Performing & Teaching Rhythmic Movement Activities	Autumn	6
EDPH201	Promoting Wellbeing 1	Autumn	6
EDPP201	Quality Teaching & Learning in Physical and Health Education	Autumn	6
EDUP235	Biomechanics for Educators	Autumn	6
EDPM202	Teaching and Learning Net Court, Striking and Target Games	Spring	6
EDPP202	Teachers as Communicators	Spring	6
EDPP302	Risk and Behaviour Management in Physical and Health Education	Spring	6
Plus: Any 6cp elective subject chosen from Elective A from the Bachelor of Physical and Health Education, or any elective from Elective A in the Bachelor of Primary Education (subject to the Primary Director's approval) or any subject from the General Schedule with approval from the Director.			
Year 3			
EDLE301	Learners with Exceptional Needs	Autumn	6
EDPH301	Socio-cultural perspectives on physical activity and physical education	Autumn	6
EDPP301	Curriculum Perspectives in Physical and Health Education	Autumn	6
EDER301	Educational Research	Autumn	6
EDPM301	Teaching and Learning Invasion Games	Spring	6
EDPH302	Promoting Well-being 2	Spring	6
EDAE302	Aboriginal Education	Spring	6

Plus: Any 6cp elective subject chosen from Elective B from the Bachelor of Physical and Health Education, or any elective from Elective A or C in the Bachelor of Primary Education (subject to the Primary Director's approval) or any subject chosen from the General Schedule with approval from the Director.			
Year 4			
EDPM401	Promoting Lifelong Physical Activity	Autumn	6
EDPH401	Application of Health Education in School and Community Settings	Autumn	6
Plus: Any two 6cp elective subjects chosen from Elective C or D from the Bachelor of Physical and Health Education, or any elective from Elective B in the Bachelor of Primary Education (subject to the Primary Director's approval) or any subject chosen from the General Schedule with approval from the Director.			
EDPP402	Leadership, Management and Professional Learning in Physical and Health Education	Spring	12
EDPP403	Internship	Spring	12

Below is a list of electives for the Bachelor of Physical and Health Education for 2nd, 3rd and 4th year. They are offered depending on staffing and sufficient enrolments. Enrolment quotas apply to these subjects. Check with the Program Director for further details.

2nd Year Elective A			
EDER302	Research Project in Education	Spring	6
EDPE202	Health Promotion	Spring	6
EDPE203	Principles and Practices of Coaching	Spring	6
EDPE204	Outdoor Education 1	Spring	6
3rd Year Elective B			
EDER302	Research Project in Education	Spring	6
EDPE202	Health Promotion	Spring	6
EDPE203	Principles and Practices of Coaching	Spring	6
EDPE204	Outdoor Education 1	Spring	6
4th Year Elective C			
EDPE401	Sports Studies 1	Autumn	6
EDPE402	Community Placement	Autumn	6
EDPE403	Intervention Skills for Teachers	Autumn	6
EDPE404	Outdoor Education 2	Autumn	6
4th Year Elective D			
EDPE405	Sports Studies 2	Autumn	6
EDPE402	Community Placement	Autumn	6
EDPE403	Intervention Skills for Teachers	Autumn	6
EDPE404	Outdoor Education 2	Autumn	6
EDPE406	Advanced Exploration of Games and Sports	Autumn	6

Honours

Students who have achieved a high level of academic performance in the first two and a half years of the Bachelor of Physical and Health Education may complete the Bachelor of Physical and Health Education at Honours level. Students admitted to the Bachelor of Physical and Health Education with Honours must enrol in EDPR401 – Honours Thesis (18cp) in lieu of 18cp of electives.

The Honours grade will be calculated in accordance with Method 3. For further information refer to http://www.uow.edu.au/educ/courses/honours.

Professional Recognition

This degree is accredited with the NSW Institute of Teachers and is recognised as a professional teaching qualification in other jurisdictions nationally and internationally. Students seeing work outside NSW are advised to check with potential employers and other teacher registration authorities for local requirements.

Other Information

Further information is available at:

UOW Coursefinder: http://coursefinder.uow.edu.au/

Education email: ssc@uow.edu.au

Bachelor of Physical and Health Education (Dean's Scholar)

Testamur Title:	Bachelor of Physical and Health Education (Dean's Scholar)
Abbreviation:	BPhyHlthEd(Dean'sSchol)
My University:	Education, Physical Health Education, Secondary, Teaching
Duration:	4 years full-time or part-time equivalent
Total Credit Points:	192
Delivery Mode:	On campus
Starting Session(s):	Autumn
Location:	Wollongong
UOW Course Code:	1823
UAC Code:	755201
CRICOS Code:	062239G

Overview

This degree provides an enriched educational experience for motivated, high achieving students who are interested in pursuing a career in the field of education. The purpose of the Dean's Scholar program is to enhance students' professional knowledge and engagement with the research culture of our Faculty, and build partnerships and contribute to the local community. Dean's scholars will benefit from mentoring, text book allowance, extended library privileges, designated study space, and have special opportunities to attend workshops and seminars.

Entry Requirements / Assumed Knowledge

Selection is based on ATAR and a successful Dean's Scholar application. Applicants must also satisfy the entry requirements for the Bachelor of Physical and Health Education Education.

For further information on the application and selection process refer to: http://www.uow.edu.au/educ/courses/deansscholar/index.html

Students currently enrolled in a degree at UOW may apply to transfer to the Dean's Scholar program provided they have completed 48 credit points of study at 100 level and have achieved a WAM of 85%.

Course Requirements

Dean's Scholars must fulfill the same course requirements as listed for the Bachelor of Physical and Health Education.

Honours

Dean's Scholars may choose to complete the Bachelor of Physical and Health Education at Honour level. Students admitted to Honours must enrol in EDPR401 – Honours Thesis (18cp) in lieu of 18cp of electives.

The Honours grade will be calculated in accordance with Method 3. For further information refer to http://www.uow.edu.au/educ/courses/honours.

Other Information

Further information is available at

UOW Coursefinder: http://coursefinder.uow.edu.au/

Education email: ssc@uow.edu.au

Bachelor of Primary Education

Testamur Title:	Bachelor of Primary Education
Abbreviation:	BPrimEd
My University:	Education, Primary, Teaching
Duration:	4 years full-time or part-time equivalent
Total Credit Points:	192
Delivery Mode:	On campus
Starting Session(s):	Autumn
Location:	Wollongong
UOW Course Code:	879
UAC Code:	755112
CRICOS Code:	059750G

Overview

This course aims to develop reflective, professional teachers who can work effectively in a variety of educational settings especially primary schools in both the public and private sectors. Core subjects are drawn from a number of different areas including: Professional Development, Education Foundation Studies, Teaching and Learning with Technology, Studies in the Key Learning Areas, and Elective Studies. Elective choices are available from both within the Faculty and from the schedules of subjects offered by other faculties. Students intending to attempt the degree part-time should consult with the Director of Primary Education at the time of enrolment for advice on progression and timetabling.

Entry Requirements / Assumed Knowledge

Assumed knowledge: Any two units of English. Recommended studies: Any two units of mathematics.

The NSW Institute of Teachers (NSWIT) requirements for employment as primary teachers in NSW schools are: minimum Band 4 in English (Advanced), English (Standard) or English as a Second Language, and Band 4 in General Mathematics, or completion of Mathematics (2 unit). Students who do not satisfy the NSWIT mathematics requirement must successfully complete *EDMM101* in lieu of one elective subject prior to graduation.

Course Requirements

Professional Experiences

The course involves placement in schools as part of the Professional Experience component. Students are provided with opportunities to undertake Professional Experience in local government and non-government primary schools throughout the course.

In conjunction with Professional Experience in local areas there are also opportunities for students to apply for 'out-of-area' Professional Experiences (e.g. in rural NSW) and overseas teaching experiences in countries such as Thailand, Fiji, China and Malaysia.

Prohibited Employment Legislation

Under the Child Protection (Prohibited Employment) Act 1998, all students enrolled in this degree are required to complete a Prohibited Employment Declaration before undertaking any professional experience that involves children or young people.

Preservice teachers who participate in internship programs in NSW schools will be required to undergo a Working with Children Check.

Literacy Requirements

To satisfy the outcomes of all Professional Experiences students will require highly developed written and spoken English literacy skills. Students may be required to complete private tuition or courses in English literacy to develop their spoken and written English skills to a level of competency that will enable them to meet Professional Experience outcomes. These outcomes are required to satisfactorily pass this course.

Course Program

Subjects		Session	Credit Points
Year 1			
EDPD101	Professional Development 1: The Learning Environment	Autumn	6
EDFE101	Educational Foundations 1: Learning & Development	Autumn	6
EDIC101	Teaching and Learning with Technology	Autumn	6
EDLL101	Language and Learning	Autumn	6
EDKL102	Language and Literacy 1: The Early Years	Spring	6
EDKM102	Mathematics Content & Pedagogy 1	Spring	6
EDKS102	K-6 Science and Technology: Curriculum and Pedagogy	Spring	6
EDKH102	Human Society and Its Environment: New Times, New Practices	Spring	6
Year 2			
EDCM201	Classroom Management: Creating Positive Learning Environments	Autumn	6
EDKL201	Language & Literacy 2: Teaching Decoding and Encoding Skills	Autumn	6
EDKP201	PD/HPE Content & Pedagogy	Autumn	6
EDKC201	Creative Arts Education - Music and Dance	Autumn	6
EDPS202	Professional Studies 2	Spring	12
EDKC202	Creative Arts Education – Visual Arts and Drama *	Spring	6
EDFE202	Educational Foundations 2: Social Cognition & Communication in Learning	Spring	6
Year 3			
EDKM301	Mathematics Content & Pedagogy 2	Autumn	6
EDFE301	Educational Foundations 3: Sociology and Cultural Studies	Autumn	6
EDLE301	Learners with Exceptional Needs	Autumn	6
EDER301	Educational Research	Autumn	6
EDKL302	Language & Literacy 3: The Later Primary Years	Spring	6
EDAE302	Aboriginal Education	Spring	6
EDTD302	Teaching for Diversity	Spring	6
Plus: Any 6cp subject chosen from Elective A from the Bachelor of Primary Education, or from 200/300 level subjects in the General Schedule *			
Year 4			
EDPD401	Professional Development 3	Autumn	6
EDSD401	Education for Sustainability	Autumn	6
EDSE401	Education for Social Equity	Annual	6
Plus: Any 6cp subject chosen from Elective B from the Bachelor of Primary Education, or from 200/300/400 level subjects in the General Schedule			
EDPD402	Professional Development 4: Internship	Spring	12
EDIC402	ICT as Cognitive Tools	Spring	6
Plus: Any 6cp subject From Elective C from the Bachelor of Primary Education, or from 200/300/400 level subjects in the General Schedule			

** Students who do not meet the NSWIT mathematics requirement must complete the subject, EDMM101 Mathematics Foundations, in place of EDKC202. EDKC202 will be completed in lieu of Elective A.*

Below is a list of electives for the Bachelor of Primary Education for 3rd and 4th year. They are offered depending on staffing and sufficient enrolments. Minimum enrolment quotas of 15 students apply to these subjects.

3rd Year Elective A

EDEC302	The Psychology of Exceptional Children	Spring	6
EDEE302	Education Psychology: Effective Teaching and Learning	Spring	6
EDEI302	Advanced use of ITC in Education	Spring	6
EDEL302	Children's Literature in the Early Years	Spring	6
EDEM302	Mathematics Elective 1	Spring	6
EDEP302	PDHPE Elective A	Spring	6
EDER302	Research Project in Education 1	Spring	6
EDES302	K-6 Science and Technology Elective 1	Spring	6
EDET302	Programming and Methodology in Second Language Teaching	Spring	6

EDUE324	Gender and Social Justice	Spring	6

4th Year Elective B

EDAW401	Aboriginal Ways and Knowing	Autumn	6
EDEA402	Exploring Creativity Through Visual Arts	Autumn	6
EDEC401	Disability Issues Across the Lifespan	Autumn	6
EDEI401	Web-based Learning	Autumn	6
EDEL401	Children's Literature in the Later Primary Years	Autumn	6
EDEM401	Mathematics Elective 2	Autumn	6
EDEP401	PDHPE Elective B	Autumn	6
EDER401	Research Project in Education 2	Autumn	6
EDES401	Science and Technology –Use of ICT to Support Science and Technology	Autumn	6
EDET401	Teaching Speaking and Listening to Second Language Learners	Autumn	6
EDET402	Teaching English in International Contexts	Autumn	6
EDEY401	Youth, Culture and Education	Autumn	6

4th Year Elective C

EDEA401	Exploring Creativity in Music and Movement	Spring	6
EDEC402	Programming for Individuals with High Support Needs	Spring	6
EDEH402	PDHPE elective - Health Promotion Linking Schools and Community	Spring	6
EDEK401	Teaching Reading and Writing to Second Language Learners	Spring	6
EDEL402	Critical Viewing and Production in Primary Years	Spring	6
EDEM402	Quality Teaching in Mathematics	Spring	6
EDEP402	PDHPE: Coaching and Sports Administration	Spring	6
EDEV402	Innovation: Technology and the Arts	Spring	6
EYEK402	Engaging Koori Kids and their Families	Spring	6
EDRD402	Advanced Teaching of Reading Difficulties	Spring	6

Honours

Students who have achieved a high level of academic performance in the first three years of the degree may complete the fourth year at Honours level.

Students admitted to the Bachelor of Primary Education Honours must enrol in EDRT401 - Thesis (annual – 24cp), EDPD401 Professional Development 3 (6cp), EDAR401 Advanced Research Methods (6cp) and EDPD402 Professional Development 4 – Internship (12cp).

The Honours grade will be calculated in accordance with Method 1. For further information refer to http://www.uow.edu.au/educ/courses/honours.

Professional Recognition

This degree is accredited with the NSW Institute of Teachers and is recognised as a professional teaching qualification in other jurisdictions nationally and internationally. Students seeking work outside NSW are advised to check with potential employers and other teacher registration authorities for local requirements.

Other Information

Further information is available at:

UOW Coursefinder: http://coursefinder.uow.edu.au/

Education email: ssc@uow.edu.au

Bachelor of Primary Education (Dean's Scholar)

Testamur Title:	Bachelor of Primary Education (Dean's Scholar)
Abbreviation:	BPrimEd(Dean'sSchol)
My University:	Education, Primary, Teaching
Duration:	4 years full-time or part-time equivalent
Total Credit Points:	192
Delivery Mode:	On campus
Starting Session(s):	Autumn
Location:	Wollongong
UOW Course Code:	1824
UAC Code:	755212
CRICOS Code:	059750G

Overview

This degree provides an enriched educational experience for motivated, high achieving students who are interested in pursuing a career in the field of education. The purpose of the Dean's Scholar program is to enhance students' professional knowledge and engagement with the research culture of our Faculty, and build partnerships and contribute to the local community. Dean's scholars will benefit from mentoring, text book allowance, extended library privileges, designated study space, and have special opportunities to attend workshops and seminars.

Entry Requirements / Assumed Knowledge

Selection is based on ATAR and a successful Dean's Scholar application. Applicants must also satisfy the entry requirements for the Bachelor of Primary Education.

For further information on the application and selection process refer to: http://www.uow.edu.au/educ/courses/deansscholar/index.html

Students currently enrolled in a degree at UOW may apply to transfer to the Dean's Scholar program provided they have completed 48 credit points of study at 100 level and have achieved a WAM of 85%.

Course Requirements

Dean's Scholars must fulfill the same course requirements as listed for the Bachelor of Primary Education.

Honours

Dean's Scholars may choose to complete the fourth year at Honours level. Students admitted to the Honours program must enrol in EDRT401 Thesis (annual – 24cp), EDPD401 Professional Development 3 (6cp), EDAR401 Advanced Research Methods (6cp) and EDPD402 Professional Development 4 – Internship (12cp).

The Honours grade will be calculated in accordance with Method 1. For further information refer to http://www.uow.edu.au/educ/courses/honours.

Other Information

Further information is available at:

UOW Coursefinder: http://coursefinder.uow.edu.au/

Education email: ssc@uow.edu.au

Bachelor of Psychology

Testamur Title:	Bachelor of Psychology
Abbreviation:	BPsyc
My University:	Psychology, Sociology, Statistics
Duration:	4 years
Total Credit Points:	192
Delivery Mode:	On-campus
Starting Session:	Autumn
Location:	Wollongong
UOW Course Code:	866
UAC Code:	757652
CRICOS Code:	026184F

Overview

Psychology is the scientific study of human behaviour and experience, the physiological, sensory and cognitive processes that underlie it, and the profession that applies this knowledge to practical problems. Psychologists help us to understand who we are and how we think, feel, act and change. They aim to help people function better, and to prevent ill-health and other problems developing. Psychologists' clients include children, adults, couples, families and organisations.

The Bachelor of Psychology offered by the University of Wollongong is a four year undergraduate Honours degree accredited by the Australian Psychology Accreditation Council (APAC). The Bachelor of Psychology is a route to Postgraduate coursework or research degrees in Psychology. It is also a partial qualification for registration as a Psychologist with the Psychology Board of Australia, a post degree supervision period also being required.

Entry Requirements / Assumed Knowledge

Domestic school leavers are assumed to have completed at least 2 units of English at HSC level.

International students are required to have achieved an overall IELTS score of 6.5, with a minimum level of 6.0 in all bands of reading and writing, speaking and listening.

Course Requirements

The Bachelor of Psychology requires the successful completion of 192 credit points of subjects in accordance with the table below.

For students entering at the Bachelor of Psychology at 100-level, continuation in the course requires an average result of at least 70% at the end of 100-level, a cumulative average of at least 70% for 100 and 200-level subjects at the end of 200-level, and a cumulative average of at least 70% for 200 and 300-level subjects at the end of 300-level in the psychology subjects approved for the degree.

Students who do not maintain this level of academic achievement will be required to transfer to the Bachelor of Science (Psychology) or the Bachelor of Arts (Psychology).

100-level to 300-level Course Program

Subject Code	Subject Name	Session	Credit Points
PSYC121	Foundations of Psychology A	Autumn	6
PSYC122	Foundations of Psychology B	Spring	6
PSYC123	Theory, Design and Statistics in Psychology	Spring	6
PSYC234	Biological Psychology and Learning	Autumn	6
PSYC231	Personality	Spring	6
PSYC250	Quantitative Methods in Psychology	Autumn	6
PSYC241	Developmental and Social Psychology	Spring	6
PSYC236	Cognition and Perception	Spring	6
PSYC251	Psychology of Abnormality	Autumn	6
PSYC347	Assessment and Intervention	Autumn	8
PSYC348	History and Metatheory of Psychology	Spring	8
PSYC354	Design and Analysis	Spring	8
Plus 24 credit points of elective subjects at 300-level, including at least one of the following:			
PSYC345	Advanced Topics in Cognition	Autumn	8
PSYC349	Visual Perception	Spring	8
PSYC352	Psychophysiology	Spring	8
And may include:			
PSYC350	Social Behaviour and Individual Differences	Autumn	8
PSYC355	Forensic Psychology	Autumn	8
In addition, a further 42 credit points from 100-, 200- or 300- levels must be taken from the Health and Behavioural Sciences, Science or General Schedules. Students may include PSYC101 Introduction to Behavioural Science as an elective, but no more that 60 credit points in total are to be taken at 100-level.			

400-Level Course Program

Students eligible to progress into 4th year will study in the Honours program. Places within the Honours program are limited; therefore entry will be on a competitive basis. For the purposes of assessing eligibility for entry to the Honours program, we use the weighted average mark (WAM) of the best 11 subjects from successfully completed 200- and 300- level Psychology subjects, including PSYC354 Design and Analysis and PSYC348 History and Metatheory in Psychology (or their equivalent).The Honours grade will be calculated in accordance with Method 1. For further information refer to General Course Rules Section 8.

Bachelor of Psychology students must have completed all 144 credit points outlined in 100-level to 300-level Course Program above, including all required Psychology subjects, before proceeding to 400 level.

Honours

The Honours program is made up of 48 credit points as outlined below:

Subject Code	Subject Name	Session	Credit Points
PSYC410	Honours Empirical Thesis	Annual	24
PSYC407	Theory and Methods	Autumn	8
PSYC408	Psychological Assessment: Principles and Applications	Autumn	8
PSYC409	Psychological Intervention: Principles and Applications	Spring	8

Candidates intending to complete Honours as part-time students will generally do PSYC407, PSYC408 and PSYC409 in the first year, and PSYC410 in the second year.

Professional Recognition

Completion of four years in Psychology is an important first step for registration as a psychologist in Australia.

The Bachelor of Psychology meets this academic qualification requirement and allows for conditional registration as a psychologist in NSW. An additional 2 years of supervised practice is necessary to apply for registration as a professional psychologist with the Psychology Board of Australia. This can be through 2 years supervised practice in the community or a fifth year at University plus 1 year of supervised practice in the community. Accreditation with the Australian Psychological Society, the national professional association, requires 6 years of approved academic study.

Minor Study Areas

- Psychology

Non-psychology students can complete a minor study in Psychology. A minor in Psychology will consist of at least 30 credit points in subjects with the prefix 'PSYC' from the course structure of the Bachelor of Psychology degree, and must include PSYC121, PSYC122, PSYC123 and any two of PSYC231 or PSYC234 or PSYC236 or PSYC241 or PSYC251. Subjects in the minor may not be cross counted towards any other minor or major study.

Minor studies are also offered in:

- Indigenous Health Studies (See Bachelor of Health Science in Indigenous Health Studies page in this handbook for further information)
- Introduction to Public Health (See Bachelor of Public Health page in this handbook for further information)

English Language and Linguistics Elective Subjects

A number of English Language and Linguistic (ELL) subjects are offered in both Autumn and Spring sessions for both English-Speaking Background students and Non-English Speaking Background students.

Contact Information

For further information please contact your Course Advisor at http://www.uow.edu.au/health/hbs_central/UOW024550.html

Other Information

Other information is available at http://coursefinder.uow.edu.au/

Bachelor of Psychology - Bachelor of Commerce

Testamur Title:	Bachelor of Psychology - Bachelor of Commerce
Abbreviation:	BPsyc-BCom
My University:	Psychology , Quantitative Analysis in Economics , Sociology, Economics, International Business, Management, Marketing, Finance, Statistics, Electronic Commerce
Duration:	5 years full-time or part-time equivalent
Total Credit Points:	264*
Delivery Mode:	On-campus
Starting Session(s):	Autumn
Location:	Wollongong
UOW Course Code:	867
UAC Code:	751751
CRICOS Code:	031408G

** This is a minimum figure and may vary depending on Commerce major chosen.*

Overview

Bachelor of Psychology - Bachelor of Commerce double degree provides opportunities for students to combine their interest in psychology with business or commerce.

Entry Requirements / Assumed Knowledge

Domestic school leavers are assumed to have completed at least 2 units of English at HSC level. English (Advanced) is recommended.

International students are required to have achieved an overall IELTS score of 6.5, with a minimum level of 6.0 in all bands of reading and writing, speaking and listening.

Alternative pathways exist for mature age domestic students.

Course Requirements

The Bachelor of Psychology - Bachelor of Commerce requires the successful completion of a minimum of 264 credit points in accordance with the details below:

a) 150 credit points of Psychology subjects in accordance with table below

b) For the Bachelor of Commerce component, students must complete 48 credit points of core subjects (including the capstone subject), plus a 48 credit point major

c) 18 credit points of subjects, either as specified in order to fulfil a heavily prescribed major OR as electives chosen from Commerce, Health & Behavioural Sciences or Science

Note that students in the double degree are not required to take COMM121 Statistics for Business, which is normally a common core subject for students in the Bachelor of Commerce single degree. PSYC123 Theory, Design and Statistics in Psychology meets the requirement for a first year statistics subject and remains as a core requirement for the double degree. Students must apply for credit for COMM121 from the Sub Dean of Commerce to be formally recognised as having met this requirement for the Bachelor of Commerce.

Subject Code	Subject Name	Session	Credit Points
Year 1			
PSYC121	Foundations of Psychology A	Autumn	6
PSYC122	Foundations of Psychology B	Spring	6
PSYC123	Theory, Design and Statistics in Psychology	Spring	6
ACCY111	Accounting Fundamentals in Society*	Autumn or Spring	6
COMM101	Principles of Responsible Commerce*	Autumn or Spring	6
ECON101	Macroeconomic Essentials for Business*	Autumn or Spring	6
FIN111	Introductory Principles of Finance*	Autumn or Spring	6
MGMT110	Introduction to Management*	Autumn or Spring	6
Year 2			
PSYC234	Biological Psychology and Learning	Autumn	6
PSYC231	Personality	Spring	6
PSYC250	Quantitative Methods in Psychology	Autumn	6
PSYC241	Developmental and Social Psychology	Spring	6
PSYC236	Cognition and Perception	Spring	6
PSYC251	Psychology of Abnormality	Autumn	6
MARK101	Marketing Principles*	Autumn or Spring	6
Choose one of the following four subjects :			
MGMT102	Business Communications	Autumn or Spring	6
ECON111	Introductory Microeconomics	Autumn or Spring	6
ACCY112	Accounting in Organisations	Spring	6
COMM113	Business Oriented Information Systems	Spring	6
12cp of Commerce subjects in accordance with the requirements for the Commerce major chosen		Autumn or Spring	12
Year 3			
PSYC347	Assessment and Intervention	Autumn	8
PSYC348	History and Metatheory of Psychology	Spring	8
PSYC354	Design and Analysis	Spring	8
Choose one of the following four capstone subjects:			
COMM331	Simulation of a Socially Innovative Enterprise	Autumn or Spring	6
COMM333	Applied Business Research for Social Innovation	Autumn	6
COMM332	Start up Plan of a Socially Innovative Business	Spring	6
COMM334	Intercultural Applications of Socially Innovative Commerce	Autumn	6
24cp of Commerce subjects in accordance with the requirements for the Commerce major chosen		Autumn or Spring	24
Year 4			
24cp of Psychology elective subjects at 300-level - refer to the Bachelor of Psychology single degree for subject choices		Autumn or Spring	24
12cp of Commerce subjects as required for the Commerce major chosen		Autumn or Spring	12
18cp of subjects, either as specified in order to fulfil a heavily prescribed major OR as electives chosen from the Commerce, Heath & Behavioural Sciences or Science Schedules		Autumn or Spring	18
Year 5			
Bachelor of Psychology 4th Year – refer to the entry for the single Bachelor of Psychology for details		Autumn and Spring	48

** These subjects form the common core subjects for the Bachelor of Commerce. They do not need to be taken in the order specified above; however students should seek academic advice when deciding how to sequence their Commerce core subjects.*

Honours

Honours in Psychology is a fourth year of study accredited by the Australian Psychology Accreditation Council (APAC). It is offered on a one year full-time or two year part-time basis. Psychology Honours is a route to the Postgraduate coursework or research degrees in Psychology. It is also a partial qualification for registration as a Psychologist with the Psychology Board of Australia, a post-degree supervision period also being required. Graduates of the University of Wollongong with a major in Psychology are eligible to apply for admission to Psychology Honours provided that: they have completed an undergraduate degree curriculum with a major in psychology; they have completed PSYC251 Psychology of Abnormality, PSYC348 History and Metatheory of Psychology and PSYC354 Design and Analysis; they have completed at least 76 credit points of Psychology subjects at 200 and 300 levels; they have at least a credit average for Psychology subjects at 200 and 300 levels. For the purposes of assessing eligibility for entry to the Honours program, the School uses the weighted average mark (WAM) of the best 11 subjects from successfully completed 200- and 300- level Psychology subjects, including PSYC354 Design and Analysis and PSYC348 History and Metatheory in Psychology (or their equivalent).

Students interested in pursuing Honours in Commerce should consult the Commerce Sub-Dean.

Contact Information

For further information please contact your Course Advisor at http://www.uow.edu.au/health/hbs_central/UOW024550.html

Commerce

Commerce Central

Level 1, Building 40

+61 2 4221 4478

commerce-enquiries@uow.edu.au

Other Information

Other information is available at http://coursefinder.uow.edu.au/

Bachelor of Public Health
Bachelor of Public Health Honours

Testamur Title:	Bachelor of Public Health
	Bachelor of Public Health Honours
Abbreviation:	BPubHlth
	BPubHlth(Hons)
My University:	Epidemiology, Indigenous Health, Population and Environment, Health Promotion, Health Communication and Marketing Studies, Health Administration, Indigenous Health Studies, Psychology, Introduction to Public Health.
Duration:	3 years full-time or part-time equivalent
	1 year full-time or part-time equivalent (Honours)
Total Credit Points:	144
	48 (Honours)
Delivery Mode:	On-campus
Starting Session(s):	Autumn
Location:	Wollongong
UOW Course Code:	1833
	1834 (Honours)
UAC Code:	757650
CRICOS Code:	068536F
	068537E (Honours)

Overview

The Bachelor of Public Health is an ideal first degree for those interested in a career that enhances the health of the community. Students are given the opportunity to understand key issues affecting the health of populations; develop skills in obtaining, reviewing and analysing health information; planning and managing a health program or project; and improving the health of the population.

Assumed Knowledge

Domestic school leavers are assumed to have completed at least 2 units of English at HSC level.

International students are required to have achieved an overall IELTS score of 6.5 with a minimum of 6.0 in all bands of reading, writing, listening and speaking.

Other acceptable entry qualifications include a completed 2 year TAFE Diploma deemed relevant by the Course Coordinator.

Course Requirements

The Bachelor of Public Health requires the successful completion of 144 credit points of subjects in accordance with the course structure and recommended subject progression table below under each major. Elective subjects can be any University of Wollongong subject on the General Schedule, or from the recommended subjects listed.

Students may undertake no more than 60 credit points of 100-level subjects to qualify for the award.

Honours

High achieving students will be eligible to apply for entry into the Bachelor of Public Health Honours which is designed as an additional fourth year of study to provide students with skills to demonstrate excellence in research with a clear understanding of the research question. Entry into the Bachelor of Public Health Honours requires the student to have attained at least a credit average in subjects undertaken during their undergraduate degree. The School of Health Sciences Honours Coordinator together with the prospective supervisor will determine whether a student's 300-level subjects are appropriate for entry into the Honours program. In addition, admission to the Bachelor of Public Health Honours will be dependent upon the availability of an appropriate supervisor, who must be identified by the applicant, agree to supervise and have this role endorsed by the Head of school before the student applies for entry. Students who are interested in honours study should alert the Course Coordinator as soon as possible, and liaise with the School Honours Coordinator regarding potential supervisors, topics and honours information sessions.

The Honours grade will be calculated in accordance with University of Wollongong Method 1. For further information refer to http://www.uow.edu.au/about/policy/UOW058680.html (General Course Rules Section 8)

Major Study Areas

- Epidemiology
- Health Administration
- Health Promotion
- Health Communication & Marketing Studies
- Indigenous Health
- Population and Environment

Minor Study Areas

Introduction to Public Health

Non-public health undergraduate students can complete a minor study in Introduction to Public Health. A minor in Introduction to Public Health will consist of at least 26 credit points in subjects with the prefix 'SHS' from the course structure of the Bachelor of Public Health degree, and must include SHS130, SHS230, SHS231 and either SHS330 or SHS331. Subjects in the minor may not be cross counted towards any other minor or major study.

The structure and recommended subject sequence in most of the Bachelor of Public Health and Bachelor of Public Health Honours majors provides sufficient flexibility for a public health student to take a minor study in another area subject to place availability in the minor study subjects.

Minor studies are offered in:

Indigenous Health Studies (See Bachelor of Health Science in Indigenous Health Studies page in this handbook for further information)

Psychology (See Bachelor of Psychology page in this handbook for further information)

Faculties across the university offer minor studies and may accept students from outside their faculty. Please note you cannot complete more than 60 credit points of Level 100 subjects in you degree.

English Language and Linguistics Elective Subjects

A number of English Language and Linguistic (ELL) subjects are offered in both Autumn and Spring sessions for both English-Speaking Background students and Non-English Speaking Background students.

Contact Information

For further information please contact your Course Advisor at http://www.uow.edu.au/health/hbs_central/UOW024550.html.

Other Information

Other information is available at http://coursefinder.uow.edu.au/

Epidemiology

UAC Code 757650

Overview

The major in Epidemiology is an ideal first degree for those interested in a career that enhances the health of the community, with core areas of study including understanding the health of populations; skills in obtaining, reviewing and analysing health information; planning and managing a health program or project; and health promotion. The epidemiology stream is an important area of public health, in which the causes and determinants of disease are investigated. Graduates are sought after in health data management systems, research and health related services to help describe, analyse and use health and disease data to identify health problems and provide information to plan health strategies. Job opportunities include research officer, health service provider data management officer, and project workers in public and private health services.

Assumed Knowledge

See Course description Bachelor Public Health 1833.

Course Requirements

The Bachelor of Public Health (Epidemiology) requires the successful completion of 144 credit points of subjects in accordance with the course structure and recommended subject progression table below.

Subject Code	Subject Name	Session	Credit Points
Year 1			
SHS 130	Public Health–Current Issues & Their Determinants	Autumn	6
SHS 110	Human Growth, Nutrition and Exercise	Autumn	6
INDS150	Introduction to Indigenous Australia	Autumn	6
PSYC101	Introduction to Behavioural Science	Autumn	6
Or PSYC121	Foundations of Psychology A	Autumn	6
SHS 150	Fundamental Concepts in Food & Nutrition	Spring	6
STAT251	Fundamentals of Biostatistics	Spring	6
EESC104	The Human Environment: Problems & Change	Spring	6
Plus a 6 credit points of elective subjects*			
Year 2			
SHS 230	Contemporary Public Health Issues	Autumn	6
SHS 231	Health Promotion	Autumn	6
STAT302	Advanced Data Analysis OR Level 200 or 300 subject deemed equivalent by Course Coordinator	Not on offer in 2013	6
EESC205	Population Studies	Autumn	6
SHS 251	Introduction to Epidemiology	Spring	6
Plus a further 18 credit points of elective/major subjects*			
Year 3			
SHS 334	Research Skills in Public Health	Autumn	8
Plus a further 16 credit points of elective/major subjects*			
SHS 330	Health Promotion Competencies	Spring	8
SHS 333	Public Health Project	Spring	8
ECON317	Economics of Health and Health Care	Spring	8

** Elective subjects may be chosen from the Health and Behavioural Sciences, Science or General Schedules.*

Honours

See entry on Bachelor of Public Health Honours course description (UOW Code 1834).

Contact Information

For further information please contact your Course Advisor at http://www.uow.edu.au/health/hbs_central/UOW024550.html

Other Information

Other information is available at http://coursefinder.uow.edu.au/ or email hbs_central@uow.edu.au

Health Administration

UAC Code 757650

Overview

The major in Health Administration is an ideal first degree for those interested in a career that enhances the health of the community, with core areas of study including planning and managing a health program or project; understanding the health of populations; skills in obtaining, reviewing and analysing health information and health promotion. The Health Administration major provides knowledge and skill in the organisational processes and practice of complex health service and health policy/monitoring organisations. Job opportunities include program administrator for health projects, local team manager in local councils and government.

Assumed Knowledge

See course description Bachelor Public Health (UOW Course code 1833)

Course Requirements

The Bachelor of Public Health (Health Administration) requires the successful completion of 144 credit points of subjects in accordance with the course structure and recommended subject progression table below.

Subject Code	Subject Name	Session	Credit Points
Year 1			
SHS 130	Public Health–Current Issues & Their Determinants	Autumn	6
SHS 110	Human Growth, Nutrition and Exercise	Autumn	6
INDS150	Introduction to Indigenous Australia	Autumn or Spring	6
PSYC101	Introduction to Behavioural Science	Autumn	6
Or PSYC121	Foundations of Psychology A	Autumn	6
SHS 150	Fundamental Concepts in Food & Nutrition	Spring	6
PSYC123	Theory Design & Statistics in Psychology	Spring	6
Or STAT251	Fundamentals of Biostatistics	Spring	6
MGMT110	Introduction to Management	Spring	6
ECON111	Introductory Microeconomics	Spring	6
Year 2			
SHS 230	Contemporary Public Health Issues	Autumn	6
SHS 231	Health Promotion	Autumn	6
MGMT206	Managing Human Resources	Autumn	6
MGMT314	Strategic Management	Autumn	6
SHS 251	Introduction to Epidemiology	Spring	6
MGMT311	Management of Change	Spring	6
MGMT256	Systems Thinking and Stimulation	Spring	6
Plus a further 6 credit points of elective subjects*			
Year 3			
SHS 334	Research Skills in Public Health	Autumn	8
Plus a further 16 credit points of elective subjects*			
SHS 330	Health Promotion Competencies	Spring	8
SHS 333	Public Health Project	Spring	8
ECON317	Economics of Health and Health Care	Spring	8

** Elective subjects may be chosen from the Health and Behavioural Sciences, Science or General Schedules.*

Honours

See entry on Bachelor of Public Health Honours course description (Course code 1834).

Contact Information

For further information please contact your Course Advisor at http://www.uow.edu.au/health/hbs_central/UOW024550.html

Other Information

Other information is available at http://coursefinder.uow.edu.au/ or email hbs_central@uow.edu.au.

Health Communication & Marketing Studies

UAC Code 757650

Overview

The major in Health Communication & Marketing Studies is an ideal first degree for those interested in a career that enhances the health of the community, with core areas of study including health promotion; social marketing and health communication; planning and managing a health program or project; understanding the health of populations;

and skills in obtaining, reviewing and analysing health information. The Health Communication & Marketing Studies major is an important area of public health, growing in prominence as the value of social marketing is further investigated. Job opportunities include media and communication advisers e.g. with non-government organisations such as the Cancer Council.

Assumed Knowledge

See course description Bachelor Public Health (UOW Course code 1833).

Course Requirements

The Bachelor of Public Health (Health Communication & Marketing Studies) requires the successful completion of 144 credit points of subjects in accordance with the course structure and recommended subject progression table below.

Subject Code	Subject Name	Session	Credit Points
Year 1			
SHS 130	Public Health – Current Issues & their Determinants	Autumn	6
SHS 110	Human Growth, Nutrition and Exercise	Autumn	6
INDS150	Introduction to Indigenous Australia	Autumn or Spring	6
PSYC 101 Or PSYC 121	Introduction to Behavioural Science Foundations of Psychology A	Autumn Autumn	6 6
SHS 150	Fundamental Concepts in Food & Nutrition	Spring	6
PSYC123 Or STAT251	Theory Design & Statistics in Psychology Fundamentals of Biostatistics	Spring	6
MARK101	Marketing Principles	Spring	6
Plus a further 6 credit points of elective subjects in Spring*			
Year 2			
SHS 230	Contemporary Public Health Issues	Autumn	6
SHS 231	Health Promotion	Autumn	6
BCM 110	Introduction to Communication and Media Studies	Autumn	6
MARK217	Consumer Behaviour	Autumn	6
SHS 251	Introduction to Epidemiology	Spring	6
MARK320	Social Marketing	Spring	6
Plus a further 12 credit points of elective/major subjects (one subject must be a BCM or MARK subject at 200 or 300 level) in Spring			
Year 3			
SHS 334	Research Skills in Public Health	Autumn	8
Plus a further 16 credit points of elective subjects in Autumn*			
SHS 330	Health Promotion Competencies	Spring	8
SHS 333	Public Health Project	Spring	8
Plus a further 8 credit points of elective subjects In Spring*			

** Elective subjects may be chosen from the Health and Behavioural Sciences, Science or General Schedules.*

Honours

See entry on Bachelor of Public Health Honours course description (UOW Course Code 1834).

Contact Information

For further information please contact your Course Advisor at http://www.uow.edu.au/health/hbs_central/UOW024550.html

Other Information

Other information is available at http://coursefinder.uow.edu.au/ or email hbs_central@uow.edu.au

Health Promotion

UAC Code 757650

Overview

The major in Health Promotion is an ideal first degree for those interested in a career that enhances the health of the community, with core areas of study including understanding the health of populations; skills in obtaining, reviewing and analysing health information; planning and managing a health program or project; and health promotion. The Health Promotion major is a foundation area of study for work and research that identifies health needs, targets and strategies at an individual, community and population level. Job opportunities include health promotion officer with government or non-government organisations.

Assumed Knowledge

See course description Bachelor Public Health (UOW Course code 1833)

Course Requirements

The Bachelor of Public Health (Health Promotion) requires the successful completion of 144 credit points of subjects in accordance with the course structure and recommended subject progression table below.

Subject Code	Subject Name	Session	Credit Points
Year 1			
SHS 130	Public Health – Current Issues & Their Determinants	Autumn	6
SHS 110	Human Growth, Nutrition and Exercise	Autumn	6
INDS150	Introduction to Indigenous Australia	Autumn or Spring	6
PSYC101 Or PSYC121	Introduction to Behavioural Science Foundations of Psychology A	Autumn Autumn	6 6
SHS 150	Fundamental Concepts in Food & Nutrition	Spring	6
PSYC123 Or STAT251	Theory Design & Statistics in Psychology Fundamentals of Biostatistics	Spring Spring	6 6
PSYC116	Psychology of Physical Activity and Health	Spring	6
Plus 6 credit points of elective subjects*			
Year 2			
SHS 230	Contemporary Public Health Issues	Autumn	6
SHS 231	Health Promotion	Autumn	6
MARK101	Marketing Principles (or MARK213 Autumn)	Autumn	6
Plus 6 credit points of elective subjects*			
SHS 251	Introduction to Epidemiology	Spring	6
MARK320	Social Marketing	Spring	6
Plus 12 credit points of elective subjects*			
Year 3			
SHS 334	Research Skills in Public Health	Autumn	8
Plus 16 credit points of elective/major subjects*			
SHS 330	Health Promotion Competencies	Spring	8
SHS 333	Public Health Project	Spring	8
SHS 331	Social Determinants of Indigenous Health	Spring	8

** Elective subjects may be chosen from the Health and Behavioural Sciences, Science or General Schedules.*

Honours

See entry on Bachelor of Public Health Honours course description (UOW Code 1843).

Contact Information

For further information please contact your Course Advisor at http://www.uow.edu.au/health/hbs_central/UOW024550.html

Other Information

Other information is available at http://coursefinder.uow.edu.au/ or email hbs_central@uow.edu.au.

Indigenous Health

UAC Code 757650

Overview

The major in Indigenous Health is an ideal degree for those interested in working in public health careers and careers relating to the health of Aboriginal and Torres Strait Islander people. The core areas of study include understanding the health of indigenous populations; skills in obtaining, reviewing and analysing health information; planning and managing a health program or project; and health promotion and indigenous community development. In growing recognition of the need to 'close the gap' there is an increasing need to provide population health strategies to improve the health of the Aboriginal and Torres Strait Islander people of Australia. This major is open to people from both Indigenous and non-indigenous backgrounds. Job opportunities include health workers and indigenous health officer in local and state government.

Assumed Knowledge

See course description Bachelor Public Health (UOW Course code 1833).

Course Requirements

The Bachelor of Public Health (Indigenous Health) requires the successful completion of 144 credit points of subjects in accordance with the course structure and recommended subject progression table below.

Subject Code	Subject Name	Session	Credit Points
Year 1			
SHS 130	Public Health – Current Issues & Their Determinants	Autumn	6
SHS 110	Human Growth, Nutrition and Exercise	Autumn	6
INDS150	Introduction to Indigenous Australia	Autumn or Spring	6
PSYC101	Introduction to Behavioural Science	Autumn	6
Or	Foundations of Psychology A	Autumn	6
PSYC121			
SHS 150	Fundamental Concepts in Food & Nutrition	Spring	6
PSYC123	Theory Design & Statistics in Psychology	Spring	6
Or	Fundamentals of Biostatistics	Spring	6
STAT251			
Plus a further 12 credit points of elective subjects*			
Year 2			
SHS 230	Contemporary Public Health Issues	Autumn	6
SHS 231	Health Promotion	Autumn	6
Plus a further 12 credit points from the following three subjects:			
NMIH240	Current Services in Indigenous Health	Autumn	6
NMIH327	Health and Human Ecology	Autumn	6
NMIH341	Research in Indigenous Health	Autumn	6
and			
SHS 251	Introduction to Epidemiology	Spring	6
Plus a further 18 credit points from the following four subjects:			
NMIH242	Functional Community Structures	Spring	6
NMIH243	Comparative Indigenous Health Issues	Spring	6
NMIH343	Indigenous Community Development: Mental Health Issues	Spring	6
NMIH344	Indigenous Community Development: Environmental Issues	Spring	6
Year 3			
SHS 334	Research Skills in Public Health	Autumn	8
Plus a further 16 credit points of elective subjects*			
SHS 330	Health Promotion Competencies	Spring	8
SHS 333	Public Health Project	Spring	8
SHS 331	Social Determinants of Indigenous Health	Spring	8

** Elective subjects may be chosen from the Health and Behavioural Sciences, Science or General Schedules.*

Honours

See entry on Bachelor of Public Health Honours course description (UOW Course Code 1834)

Contact Information

For further information please contact your Course Advisor at http://www.uow.edu.au/health/hbs_central/UOW024550.html

Other Information

Other information is available at http://coursefinder.uow.edu.au/ or email hbs_central@uow.edu.au.

Population and Environment

UAC Code 757650

Overview

The major in Population and Environment is an ideal first degree for those interested in a career that enhances the health of the community, with core areas of study including health promotion; population studies, planning and managing a health program or project; understanding the health of populations; and skills in obtaining, reviewing and analysing health information. The population and environment major will have growing importance in an era where we are increasingly aware of population health and sustainability. Job opportunities include environmental health and community health project worker.

Assumed Knowledge

See Course description Bachelor Public Health 1833.

Course Requirements

The Bachelor of Public Health (Population and Environment) requires the successful completion of 144 credit points of subjects in accordance with the course structure and recommended subject progression table below.

Subject Code	Subject Name	Session	Credit Points
Year 1			
SHS 130	Public Health–Current Issues & Their Determinants	Autumn	6
SHS 110	Human Growth, Nutrition and Exercise	Autumn	6
INDS150	Introduction to Indigenous Australia	Autumn	6
PSYC101	Introduction to Behavioural Science	Autumn	6
Or	Foundations of Psychology A	Autumn	6
PSYC121			
SHS 150	Fundamental Concepts in Food & Nutrition	Spring	6
PSYC123	Theory Design & Statistic in Psychology	Spring	6
Or	Fundamentals of Biostatistics	Spring	6
STAT251			
EESC104	The Human Environment: Problems & Change	Spring	6
SCIE103	Climate Change	Spring	6
Year 2			
SHS 230	Contemporary Public Health Issues	Autumn	6
SHS 231	Health Promotion	Autumn	6
EESC205	Population Studies	Autumn	6
Plus a further 6 credit points of one of the following major subjects.			
SHS 251	Introduction to Epidemiology	Spring	6
EESC204	Introductory Spatial Science	Autumn/Spring	6
EESC210	Social Spaces: Rural & Urban	Spring	6
EESC208	Environmental Impact of Societies	Spring	6

Year 3			
SHS 334	Research Skills in Public Health	Autumn	8
EESC307	Spaces, Places & Identities	Autumn	8
Plus 8 credit points of one of the following major subjects.			
SHS 330	Health Promotion Competencies	Spring	8
SHS 333	Public Health Project	Spring	8
Plus 8 credit points of one of the following subjects:			
EESC304	Geographic Information Science	Spring	8
EESC308	Environment & Heritage Management	Spring	8
SHS 331	Social Determinants of Indigenous Health	Spring	8

Honours

See entry on Bachelor of Public Health Honours course description (UOW Code 1834).

Contact Information

For further information please contact your Course Advisor at http://www.uow.edu.au/health/hbs_central/UOW024550.html

Other Information

Other information is available at http://coursefinder.uow.edu.au/ or email hbs_central@uow.edu.au.

Bachelor of Public Health Nutrition
Bachelor of Public Health Nutrition Honours

Testamur Title:	Bachelor of Public Health Nutrition
	Bachelor of Public Health Nutrition Honours
Abbreviation:	BPubHlthNutr
My University:	Public Health, Nutrition
Duration:	3 years full-time or part-time equivalent
	1 year full-time or part-time equivalent (Hons)
Total Credit Points:	144
	48 (Hons) as an additional year
Delivery Mode:	On-campus
Starting Session(s):	Autumn
Location:	Wollongong
UOW Course Code:	1846
	1847 (Hons)
UAC Code:	757655
CRICOS Code:	069585M
	069586K (Hons)

Overview

Diet and nutrition have become increasingly important for the Australian population and public health. The Bachelor of Public Health Nutrition meets the needs of students who are interested in working in health promotion, especially the development, management and evaluation of community-based nutrition and food policy programs. It combines public and population health approaches with a sound understanding of the science of nutrition.

Assumed Knowledge

Domestic school leavers are assumed to have completed at least 2 units of English at HSC level. It is strongly recommended that 2 units of Year 12 Chemistry are taken. Students who do not have Year 12 Chemistry are strongly advised to take the Chemistry Bridging Course offered at UOW in February each year prior to commencing studies.

International students are required to have achieved an overall IELTS score of 6.5 with a minimum of 6.0 in all bands of reading, writing, listening and speaking.

Other acceptable entry qualifications include a completed relevant 2 year TAFE Diploma.

Course Requirements

The Bachelor of Public Health Nutrition requires the successful completion of 144 credits points in accordance with the course structure and recommended subject progression table below.

Subject Code	Subject Name	Session	Credit Points
Year 1			
SHS 130	Public Health – Current Issues and their Determinants	Autumn	6
SHS 110	Human Growth, Nutrition and Exercise	Autumn	6
SHS 111	Introduction to Anatomy & Physiology I	Autumn	6
CHEM101	Chemistry 1A: Introductory Physical & General Chemistry	Autumn	6
SHS 150	Fundamental Concepts in Food & Nutrition	Spring	6
SHS 112	Introduction to Anatomy & Physiology II	Spring	6
BIOL103	Molecules, Cells & Organisms	Spring	6
CHEM102	Chemistry 1B: Structure & Reactivity of Molecules for Life	Spring	6
Year 2			
SHS 231	Health Promotion	Autumn	6
SHS 211	Control Mechanisms Physiology	Autumn	6
BIOL213	Principles of Biochemistry	Autumn	6
CHEM215	Food Chemistry	Autumn	6
BIOL214	Biochemistry of Energy & Metabolism	Spring	6
SHS 250	Measurement and Assessment of Diet and Activity	Spring	6
SHS 251	Introduction to Epidemiology	Spring	6
STAT251	Fundamentals of Biostatistics	Spring	6
Year 3			
SHS 334	Research Skills in Public Health	Autumn	8
SHS 351	Nutrients and Metabolism	Autumn	8
SHS 353	Community and Public Health Nutrition	Autumn	8
SHS 330	Health Promotion Competencies	Spring	8
SHS 331	Social Determinants of Indigenous Health	Spring	8
SHS 300	Research Topic	Spring	8
or			
SHS 333	Population Health Project	Spring	8

Honours

High achieving students will be eligible to apply for entry into the Bachelor of Public Health Nutrition (Honours), which is designed as an additional fourth year of study to provide students with skills to demonstrate excellence in research with a clear understanding of the research question. Entry into the Bachelor of Public Health Nutrition Honours requires the student to have attained at least a credit average in subjects undertaken during their undergraduate degree. The School of Health Sciences Higher Degree Research Student Coordinator and prospective supervisor will determine whether a student's 300-level subjects are appropriate for entry into the Honours program. In addition, admission to the Bachelor of Public Health Nutrition Honours will be dependent upon the availability of an appropriate supervisor, who must be identified by the applicant before applying for entry.

The Honours grade will be calculated in accordance with Method 1, for further information refer to General Course Rules Section 8

Professional Recognition

Graduates from the Bachelor of Public Health Nutrition degree may seek registration as an Associate Nutritionist with the Nutrition Society of Australia, and with a further three years of relevant work experience and/or post graduate qualifications, may apply as a Registered Nutritionist or Registered Public Health Nutritionist.

Contact Information

For further information please contact your Course Advisor at http://www.uow.edu.au/health/hbs_central/UOW024550.html

Other Information

Other information is available at http://coursefinder.uow.edu.au/.

Bachelor of Science

Testamur Title:	Bachelor of Science
Abbreviation:	BSc
My University:	Science, Biological Sciences, Chemistry, Geology, Geosciences, Human Geography and Physical Geography, Conservation Biology, Environment, Land and Heritage Management, Medical Biotechnology, Medicinal Chemistry and Nanotechnology
Duration:	Minimum 3 years full-time or part-time equivalent (Full-time duration could vary depending on the major chosen, please see entry requirements for more information)
Total Credit Points:	144
Delivery Mode:	On campus (Face-to-face)
Starting Session(s):	Autumn or Spring
Location:	Wollongong
UOW Course Code:	742
UAC Code:	757621
CRICOS Code:	003283D

Overview

Students may gain a comprehensive education in Science by selecting a major study and a range of elective subjects. The major areas of study comprise: Biological Sciences, Chemistry, Geology, Geosciences, Human Geography and Physical Geography. Other interdisciplinary majors are Conservation Biology, Environment, Land and Heritage Management, Medical Biotechnology, Medicinal Chemistry and Nanotechnology.

The flexible structure of the major and electives allows students to design their study program to meet their particular interests and abilities. Students may combine their chosen Science major with a second major chosen from outside the Faculty, or with a range of elective subjects.

Entry Requirements

Australian Tertiary Admission Rank (ATAR) of 75 (or equivalent). The ATAR is reviewed each year.

Mid-Year Entry

Mid-year entry for the Bachelor of Science (Biological Sciences, Chemistry, Conservation Biology, Environment, Medical Biotechnology, Medicinal Chemistry or Nanotechnology) must be in consultation with the relevant Head of the School. For these majors, the minimum duration to complete the degree after mid-year entry is 3½ years full-time or part-time equivalent.

Assumed Knowledge

Mathematics and any two units of Science. Students who have not completed Biology and/or Chemistry at the HSC are strongly recommended to enrol in bridging courses offered in February each year.

Course Requirements

Students who have not completed HSC Mathematics at Band 4 or higher (or equivalent) are required to complete a mathematics subject (MATH151 or equivalent) normally in the first year. Students majoring in Human Geography or Land and Heritage Management are exempt from this rule.

Students may only count 60 credit points of 100-level subjects towards the degree.

Students must complete a minimum of 32 credit points of 300-level subjects.

Students must have a grade of Pass (not Pass Supplementary) or higher in at least 24 credit points of 300-level core subjects which form part of a Science major.

The requirements for a Bachelor of Science can be met by completing a flexible major which may be combined with a second major from another Faculty; or a prescribed major.

Flexible Majors

One major chosen from disciplines located in the Faculty. A major study consists of at least 90 credit points from the Science Schedule including the specified core subjects for one of the Bachelor of Science disciplines:

- Biological Sciences
- Chemistry
- Geology
- Geosciences
- Human Geography
- Physical Geography

The balance of 54 credit points (to a degree total of 144) may be chosen from either the Science Schedule or General Schedule and may include a selection of complementary or contrasting subjects, or other subjects with the approval of the Dean or Associate Dean. A minimum of 32 credit points at 300-level is required.

Second Major from another Faculty

By selecting an appropriate combination of subjects, students may satisfy requirements for a major from another Faculty. Students should consult the Faculty offering the major to confirm requirements.

Prescribed Majors

One of the six interdisciplinary, prescribed majors where the course program is prescribed for each year.

- Conservation Biology
- Environment
- Land and Heritage Management
- Medical Biotechnology
- Medicinal Chemistry
- Nanotechnology

For the Bachelor of Science (Physics) please direct enquiries to engineering@uow.edu.au. More information about Physics related degrees is available at: http://www.uow.edu.au/eng/phys/physics/index.html

Honours

Students with a good academic record, particularly in third year, are encouraged to proceed to the Honours year in the discipline of their major. The Honours year is a fourth year of study that provides training in independent research.

For further information refer to the separate entry for the Bachelor of Science Honours (741).

Further Information

Further information is available at http://coursefinder.uow.edu.au/ or email: science-enquiries@uow.edu.au

Bachelor of Science (Biological Sciences)

The aim of the course is to provide students, regardless of previous background, with a basic understanding of the major principles, concepts and technologies of modern Biology. A major in Biological Sciences can be taken in the fields of biochemistry, molecular biology, cell biology, immunology, comparative physiology, terrestrial ecology, marine biology, evolutionary biology and environmental biology.

First year (BIOL103, BIOL104 and BIOL105) is a general, self-contained introduction to Biology as well as essential background for future years. Students wishing to major in Biological Sciences must also take both first year Chemistry subjects (CHEM101 and CHEM102). Students are required to take four 200-level Biological Sciences subjects selected from the seven available.

Note pre-requisites for third year subjects when selecting the combination of second year subjects.

Students proceeding to a Biological Sciences major are strongly encouraged to take more than the minimum array of Biological Sciences subjects, especially at second year.

Course Program

Subjects		Session	Credit Points
100-Level			
BIOL104	Evolution, Biodiversity and Environment	Autumn	6
BIOL105	Functional Biology of Animals and Plants	Autumn	6
CHEM101	Chemistry 1A: Introductory Physical and General Chemistry	Autumn	6

BIOL103	Molecules, Cells and Organisms	Spring	6
CHEM102	Chemistry 1B: Structure and Reactivity of Molecules for Life	Spring	6
Total for major at 100-level			**30**
MATH151	General Mathematics 1A (if required)*	Autumn	6
** Students may enrol in STAT252 in Spring Session of First Year.*			
Note: Students wishing to take MARE200 should note that either EESC102: Earth Environments and Resources OR EESC103: Landscape Change and Climatology is required as a prerequisite in addition to BIOL104 and CHEM102.			
200-Level			
24 credit points from the following Biological Sciences subjects plus Statistics			
Note: When selecting 200-level subjects students should note the pre-requisites required for the 300-level subjects they wish to take.			
BIOL213	Principles of Biochemistry	Autumn	6
BIOL240	Biodiversity of Marine and Freshwater Organisms	Autumn	6
BIOL251	Principles of Ecology	Autumn	6
MARE200	Introduction to Oceanography	Autumn	6
BIOL214	The Biochemistry of Energy and Metabolism	Spring	6
BIOL215	Introductory Genetics	Spring	6
BIOL241	Biodiversity of Terrestrial Organisms	Spring	6
BIOL252	Evolution and Behaviour	Spring	6
STAT252	Statistics for Natural Sciences*	Spring	6
** If not completed in First Year*			
Total for major at 200-level			**30**
300-Level			
All students majoring in Biological Sciences must take at least three 300-level subjects from the following lists. Recommended subject combinations are as follows:			
Option 1: Choose any three subjects from the following five subjects:			
BIOL303	Biotechnology: Applied Cell and Molecular Biology	Autumn	8
BIOL320	Molecular Cell Biology	Autumn	8
BIOL332	Ecological and Evolutionary Physiology	Autumn	8
BIOL321	Infection and Immunity	Spring	8
CHEM320	Bioinformatics: From Genome to Structure	Spring	8
Option 2: Choose any three subjects from the following four subjects:			
BIOL332	Ecological and Evolutionary Physiology	Autumn	8
BIOL351	Conservation Biology: Marine and Terrestrial Populations	Autumn	8
BIOL355	Marine and Terrestrial Ecology	Spring	8
MARE300	Fisheries and Aquaculture	Spring	8
Students interested in including subjects outside of these combinations should discuss their choices with an Academic Advisor.			
Total for major at 300-level			24
Sub-total for major			84
Plus additional subjects chosen from the Science Schedule			6
Total for major			**90**
Plus elective subjects chosen from the Science or General Schedules			54
Degree Total			**144**

Honours

See separate entry for the Bachelor of Science Honours (741).

Other Information

A Mathematics or Statistics subject acceptable to the School may be substituted for STAT252.

Advanced Biology (BIOL392) is an 8 credit point project-based subject and Advanced Biology (BIOL391) is a 16 credit point project-based subject. These two subjects are available for high-achieving students wishing to complement their coursework with research projects. Entry into these subjects is by permission of the Coordinator and requires a distinction average or higher performance in subjects pertinent to the intended area of research, as approved by the Head of School.

Further Information

Further information is available at http://coursefinder.uow.edu.au/ or email: science-enquiries@uow.edu.au

Bachelor of Science (Chemistry)

Chemistry is the study of the molecular nature of all matter and its interactions. The relationship between molecular structure and its properties and reactivity give chemistry an essential, central position in science and technology. An understanding of chemistry is needed for the full range of technology-based disciplines from solid-state physics and astro-physics to molecular biology and the life sciences; from geochemistry and environmental science to engineering and health sciences.

Course Program

Subjects		**Session**	**Credit Points**
100-Level			
CHEM101	Chemistry 1A: Introductory Physical and General Chemistry	Autumn	6
CHEM102	Chemistry 1B : Structure and Reactivity of Molecules for Life	Spring	6
Total for major at 100-level			**12**
MATH151	General Mathematics 1A (if required)*	Autumn	6
** Note: Students should meet the minimum mathematics requirement before enrolling in CHEM213 - Molecular Structure, Reactivity and Change and/or CHEM214 - Analytical and Environmental Chemistry II*			
200-Level			
CHEM211	Inorganic Chemistry II	Autumn	6
CHEM212	Organic Chemistry II	Autumn	6
CHEM213	Molecular Structure, Reactivity and Change	Spring	6
CHEM214	Analytical and Environmental Chemistry II	Spring	6
Total for major at 200-level			**24**
300-Level			
At least three subjects taken from the following list:			
CHEM314	Instrumental Analysis	Autumn	8
CHEM327	Environmental Chemistry	Autumn	8
CHEM364	Molecular Structure and Spectroscopy	Autumn	8
CHEM301	Advanced Materials and Nanotechnology	Spring	8
CHEM320	Bioinformatics: From Genome to Structure	Spring	8
CHEM321	Organic Synthesis and Reactivity	Spring	8
Total for major at 300-level			**24**
Sub-total for major			**60**
Plus additional subjects chosen from the Science Schedule			30
Total for major			**90**
Plus elective subjects chosen from the Science or General Schedules			54
Degree Total			**144**

Honours

See separate entry for the Bachelor of Science Honours (741).

Professional Recognition

Completion of this major qualifies graduates for membership of the Royal Australian Chemical Institute.

Other Information

The School offers a third year research subject, CHEM340, to students with a good academic record (usually a credit average or better) who wish to gain experience in research. Entry into this subject is by permission of the Head of School.

Further Information

Further information is available at http://coursefinder.uow.edu.au/ or email: science-enquiries@uow.edu.au

Bachelor of Science (Conservation Biology)

Conservation Biology at UOW is a practical degree aimed at producing graduates who have the knowledge and skills to understand and develop strategies to minimise the impact of humans on their environment.

Studies in Biology combined with subjects in chemistry and earth and environmental sciences in first year lead to second-year studies that provide students with an understanding of how organisms function, plant and animal ecology, and landscape science. Third-year subjects focus on experience in conservation biology and ecology.

Course Program

Subjects		Session	Credit Points
First Year			
BIOL104	Evolution, Biodiversity and Environment	Autumn	6
BIOL105	Functional Biology of Animals and Plants	Autumn	6
CHEM101	Chemistry 1A: Introductory Physical and General Chemistry	Autumn	6
MATH151	General Mathematics 1A (if required)	Autumn	6
BIOL103	Molecules, Cells and Organisms	Spring	6
CHEM102	Chemistry 1B: Structure and Reactivity of Molecules for Life	Spring	6
SCIE103	Climate Change	Spring	6
Recommended Electives: Select one or two to total 48 cp at 1st Year			
Note: EESC103 Landscape Change and Climatology is a pre-requisite for MARE200			
EESC103	Landscape Change and Climatology	Autumn	6
EESC104	Human Geography: Sustainability, Cities and Cultures	Spring	6
STAT252	Statistics for the Natural Sciences	Spring	6
Second Year			
BIOL240	Biodiversity of Marine and Freshwater Organisms	Autumn	6
BIOL251	Principles of Ecology	Autumn	6
EESC204	Introductory Spatial Science	Autumn or Spring	6
BIOL241	Biodiversity of Terrestrial Organisms	Spring	6
BIOL252	Evolution and Behaviour	Spring	6
STAT252	Statistics for the Natural Sciences*	Spring	6
	** If not completed in 1st Year*		
Electives			
Select from the following to total 48 cp at 2nd Year			
EESC203	Biogeography and Environmental Change	Autumn	6
MARE200	Introduction to Oceanography	Autumn	6
EESC202	Soils, Landscapes and Hydrology	Spring	6
Students wishing to specialise in Conservation Genetics should select			
BIOL213	Principles of Biochemistry	Autumn	6
BIOL215	Introductory Genetics	Spring	6
Third Year			
Core			
BIOL332	Ecological and Evolutionary Physiology	Autumn	8
BIOL351	Conservation Biology: Marine and Terrestrial Populations	Autumn	8
EESC305	Remote Sensing of the Environment	Autumn	8
or			
EESC304	Geographic Information Science	Spring	8
BIOL355	Marine and Terrestrial Ecology	Spring	8
Electives			
Select TWO electives			
BIOL392	Advanced Biology	Autumn, Spring or Summer	8
EESC305	Remote Sensing of the Environment	Autumn	8
STAT355	Sample Surveys and Experimental Design (with Project)	Autumn	8
EESC304	Geographic Information Science	Spring	8
LAW 380	Law for Environmental Managers	Spring	8
MARE300	Fisheries and Aquaculture	Spring	8
MARE357	Advances in Molluscan Biology	Not offered in 2013	8
or other subjects approved by the degree coordinator			

Honours

If the required academic standard is attained, with the approval of the degree coordinator, BSc (Conservation Biology) students may transfer into the Bachelor of Conservation Biology degree and subsequently undertake the 4th (Honours) year of this latter degree.

Professional Recognition

Graduates may qualify to apply for membership of the Australian Institute of Biology.

Further Information

Further information is available at http://coursefinder.uow.edu.au/ or email: science-enquiries@uow.edu.au

Bachelor of Science (Environment)

The Bachelor of Science (Environment) offers a broad, flexible, multi-disciplinary program that is ideal for students wishing to complete a science-based environmental degree with a view to employment in an area of environmental assessment, management and policy development. Core subjects have been chosen with a view to providing the key workplace skills required in the environmental field, and appropriate disciplinary strands (Biological Sciences, Chemistry, or Geosciences) can be chosen from optional subjects. This is a prescribed program of study comprising core and optional subjects as set out below.

Mathematics Requirement

All students entering the Bachelor of Science (Environment) without meeting the minimum Mathematics requirement must successfully complete MATH 151. Students interested in transferring to the Bachelor of Environmental Science (four year degree) should note that they will need to complete MATH151 as additional load.

Course Program

Subjects		Session	Credit Points
Common First Year			
BIOL104	Evolution, Biodiversity and Environment	Autumn	6
CHEM101	Chemistry 1A: Introductory Physical and General Chemistry	Autumn	6
EESC101	Planet Earth	Autumn	6
EESC103	Landscape Change and Climatology	Autumn	6
BIOL103	Molecules, Cells and Organisms	Spring	6
CHEM102	Chemistry 1B: Structure and Reactivity of Molecules for Life	Spring	6
EESC102	Earth Environments and Resources	Spring	6
EESC104	Human Geography: Sustainability, Cities and Cultures	Spring	6
MATH151	General Mathematics 1A (if required)	Summer 2013/14	6
Common Second Year			

BIOL251	Principles of Ecology	Autumn	6
EESC203	Biogeography and Environmental Change	Autumn	6
PHYS233	Introduction to Environmental Physics	Autumn	6
CHEM214	Analytical and Environmental Chemistry	Spring	6
EESC202	Soils, Landscapes and Hydrology	Spring	6
EESC204	Introductory Spatial Science	Spring	6
STAT252	Statistics for the Natural Sciences	Spring	6
Options:			
Select one of the following three subjects:			
BIOL105	Functional Biology of Animals and Plants	Autumn	6
PHIL256	Ethics and Environment A	Autumn	6
MATH151*	General Mathematics 1A (if required)	Autumn	6
	** If not completed in Summer Session 2013/2014*		
Third Year			
Core			
EESC304	Geographic Information Science	Spring	8
ENVI391	Environmental Science	Spring	8
Options			
Plus four of the following subjects, as approved:			
BIOL351	Conservation Biology: Marine and Terrestrial Populations	Autumn	8
EESC303	Fluvial Geomorphology and Sedimentology	Autumn	8
EESC305	Remote Sensing of the Environment	Autumn	8
CHEM314	Instrumental Analysis	Autumn	8
CHEM327	Environmental Chemistry	Autumn	8
EESC301	Plate Tectonics, Macrotopography and Earth History	Autumn	8
EESC302	Coastal Environments: Process and Management	Spring	8
BIOL356	Marine and Terrestrial Ecology	Spring	8
EESC306	Resources and Environments	Spring	8
EESC308	Environmental and Heritage management	Spring	8
MARE300	Fisheries and Aquaculture	Spring	8
Or other subjects approved by the Coordinator			

Honours

See separate entry for the Bachelor of Science Honours (741).

Further Information

Further information is available at http://coursefinder.uow.edu.au/ or email: science-enquiries@uow.edu.au

Bachelor of Science (Geology)

Geology is the study of the earth, the materials of which it is made, the processes that act on these materials, the products formed and the history of the planet and its life forms. Areas of specialised study include economic geology (minerals, metals, coal, petroleum, uranium); geophysics; palaeontology; sedimentology; structural geology; stratigraphy; tectonics; vulcanology and geochemistry.

Course Program

Subjects		Session	Credit Points
100-Level			
Core:			
EESC101	Planet Earth	Autumn	6
EESC103	Landscape Change and Climatology	Autumn	6
EESC102	Earth Environments and Resources	Spring	6
Total for major at 100-level			**18**

Recommended electives:			
MATH151	General Mathematics 1A (if required)	Autumn	6
EESC104	Human Geography: Sustainability, Cities and Cultures	Spring	6
SCIE103	Climate Change	Spring	6
200-Level			
Core:			
EESC201	Earth's Inferno	Autumn	6
EESC204	Introductory Spatial Science	Autumn or Spring	6
EESC216	Sediments and Fuels	Spring	6
EESC250	Field Geology	Summer	6
Total for major at 200-level			**24**
Recommended Electives:			
EESC203	Biogeography and Environmental change	Autumn	6
EESC202	Soils, Landscapes and Hydrology	Spring	6
EESC208	Environmental Impact of Societies	Spring	6
300-Level			
Core:			
EESC301	Plate Tectonics, Macrotopography and Earth History	Autumn	8
EESC306	Resources and Environments	Spring	8
EESC310	Water Resources and Management	Spring	8
Total for major at 300-level			**24**
Recommended Electives:			
EESC303	Fluvial Geomorphology and Sedimentology	Autumn	8
EESC305	Remote Sensing of the Environment	Autumn	8
EESC309	Dung, Death and Decay: Modern scientific methods in archaeology	Autumn	8
EESC304	Geographic Information Science	Spring	8
Sub-total for major			**66**
Plus additional subjects chosen from the Science Schedule			24
Total for major			**90**
Plus elective subjects chosen from the Science or General Schedules			54
Degree Total			**144**

Students interested in a career in Geology are urged to take more than the minimum required 24 credit points of 300-level EESC subjects. A graduate with 32 credit points of 300-level EESC subjects has a more comprehensive geology degree.

Honours

See separate entry for the Bachelor of Science Honours (741).

Further Information

Further information is available at http://coursefinder.uow.edu.au/ or email: science-enquiries@uow.edu.au

Bachelor of Science (Geosciences)

The Geosciences major is a broad and flexible Science-based program that provides students with a basic understanding of the major principles, concepts and technologies of the disciplines of Geology, Human Geography and Physical Geography. The Geosciences major provides the prerequisite knowledge and skills for students who seek a more general Science-based degree for employment in teaching, environmental monitoring and management positions.

Course Program

Subjects	Session	Credit Points
100-Level		
At least three subjects chosen from:		
Earth & Environmental Sciences subjects at 100-level		18

Total for major at 100-level			**18**
Recommended electives:			
MATH151	General Mathematics 1A (if required)	Autumn	6
SCIE103	Climate Change	Spring	6
200-Level			
EESC204	Introductory Spatial Science	Autumn or Spring	6
Plus at least three subjects chosen from:			
Earth & Environmental Sciences subjects at 200-level			18
Total for major at 200-level			**24**
300-Level			
At least three subjects chosen from:			
Earth & Environmental Sciences subjects at 300-level			24
Total for major at 300-level			**24**
Sub-total for major			**66**
Plus additional subjects chosen from the Science Schedule			24
Total for major			**90**
Plus elective subjects chosen from the Science Schedule or General Schedule			54
Degree Total			**144**

Honours

See separate entry for the Bachelor of Science Honours (741).

Further Information

Further information is available at http://coursefinder.uow.edu.au/ or email: science-enquiries@uow.edu.au

Bachelor of Science (Human Geography)

Human Geography encompasses the application of spatial thinking to help resolve social conflicts and environmental crises. This makes Human Geography an immediately socially-relevant discipline. Human Geographers make an essential contribution to environmental management, urban planning, and the management of social and economic change.

Course Program

Subjects		Session	Credit Points
100-Level			
EESC103	Landscape Change and Climatology	Autumn	6
EESC104	Human Geography: Sustainability, Cities and Cultures	Spring	6
Total for major at 100-level			**12**
Recommended electives at 100-level include:			
EESC101	Planet Earth	Autumn	6
EESC102	Earth Environments and Resources	Spring	6
SCIE103	Climate Change	Spring	6
200-Level			
EESC204	Introductory Spatial Science	Autumn/Spring	6
EESC205	Population Geography: a global perspective on people and place	Autumn	6
EESC210	Rural and Regional Geography: social change and policy	Spring	6
Plus one of the following statistics subjects:			
COMM121	Statistics for Business	Autumn/Spring	6
STAT252	Statistics for the Natural Sciences	Spring	6
Total for major at 200-level			**24**
Recommended elective at 200-level:			
EESC208	Environmental Impact of Societies	Spring	6
300-Level			

EESC307	Spaces, Places and Identities: Qualitative research design	Autumn	8
EESC308	Environmental and Heritage Management	Spring	8
Plus at least one other subject chosen from Earth & Environmental Sciences schedule at 300-level. Recommended options include:			
EESC305	Remote Sensing of the Environment	Autumn	8
EESC309	Dung, Death and Decay: Modern scientific methods in archaeology	Autumn	8
EESC304	Geographic Information Science	Spring	8
EESC310	Water Resources and Management	Spring	8
Total for major at 300-level			**24**
Sub-total for major			**60**
Plus additional subjects chosen from the Science Schedule			30
Total for major			**90**
Plus elective subjects chosen from the Science or General Schedules			54
Degree Total			**144**

Students are encouraged to choose elective subjects from the arts and social sciences, such as history, economics and sociology. The following electives are strongly recommended:

Subjects		Session	Credit Points
INDS150	Introduction to Indigenous Australia	Autumn	6
INDS201	Redefining Eden: Indigenous Peoples and the Environment	Autumn	8
PHIL258	Ethics and the Environment B	Autumn	8

Honours

See separate entry for the Bachelor of Science Honours (741).

Further Information

Further information is available at http://coursefinder.uow.edu.au/ or email: science-enquiries@uow.edu.au

Bachelor of Science (Land and Heritage Management)

This specialist program combines Physical and Human Geography with other relevant subjects to provide the skills and knowledge required for employment or research on both cultural and natural heritage issues. This is a prescribed program of study comprising core and optional subjects as set out below.

Course Program

Subjects		Session	Credit Points
First Year			
Core			
EESC103	Landscape Change and Climatology	Autumn	6
INDS150	Introduction to Indigenous Australia	Autumn	6
EESC102	Earth Environments and Resources	Spring	6
EESC104	Human Geography: Sustainability, Cities and Cultures	Spring	6
Recommended Electives			
BIOL104	Evolution, Biodiversity and Environment	Autumn	6
BIOL105	Functional Biology of Plants and Animals	Autumn	6
EESC101	Planet Earth	Autumn	6
BIOL103	Molecules, Cells and Organisms	Spring	6
SCIE103	Climate Change	Spring	6
Or other elective subjects to total 48 credit points at First Year. Students are encouraged to select from the General Schedule offerings in History, Indigenous Studies, STS and Legal Studies.			
Second Year			
Core			
EESC203	Biogeography and Environmental Change	Autumn	6

EESC204	Introductory Spatial Science	Autumn or Spring	6
INDS201	Redefining Eden: Indigenous Peoples and the Environment	Autumn	8
EESC208	Environmental Impact of Societies	Spring	6
STAT252	Statistics for the Natural Sciences	Spring	6
Plus one of the following two subjects:			
EESC205	Population Studies	Autumn	6
EESC210	Rural and Regional Geography: social change and policy	Spring	6
Plus one of the following two subjects:			
BIOL251	Principles of Ecology	Autumn	6
EESC202	Soils, Landscape and Hydrology	Spring	6
Electives			
INDS200	Identity, History and Resilience	Spring	8
Or one other elective subjects to total 48 credit points at Second Year.			
Third Year			
EESC307	Spaces, Places and Identities: Qualitative research design	Autumn	8
EESC304	Geographic Information Systems	Spring	8
EESC308	Environmental and Heritage Management	Spring	8
Plus THREE of the following:			
EESC300	Directed Studies in Earth and Environmental Sciences	Autumn or Spring	8
EESC303	Fluvial Geomorphology and Sedimentology	Autumn	8
EESC305	Remote Sensing of the Environment	Autumn	8
STS 300	The Environmental Context: Imagining a Zero Carbon Future	Autumn	8
EESC302	Coastal Environments: Process and Management	Spring	8
EESC310	Water Resources and Management	Spring	8
INDS300	Indigenous Peoples and Decolonisation: Global Perspectives	Spring	8
LAW 380	Law for Environmental Managers	Spring	8
Or other subjects approved by the Coordinator			

Honours

See separate entry for the Bachelor of Science Honours (741).

Further Information

Further information is available at http://coursefinder.uow.edu.au/ or email: science-enquiries@uow.edu.au

Bachelor of Science (Medical Biotechnology)

Biotechnology is the application of exciting advances in molecular and cell biology to medicine, agriculture, and the environment. Through modern technologies, such as genetic engineering, biotechnology is shaping diverse aspects of medicine (cancer, vaccines, therapy and diagnosis of genetic diseases), food production (transgenic plants) and industry (bioremediation). Biotechnology encompasses the rapidly evolving fields of monoclonal antibody technology, proteomics and genetic engineering. A new generation of pharmaceuticals, vaccines, hormones and anti-inflammatory agents are being developed using these technologies. This is a prescribed program of study comprising core and optional subjects as set out below.

Course Program

Subjects		Session	Credit Points
First Year			
BIOL105	Functional Biology of Animals and Plants	Autumn	6
CHEM101	Chemistry 1A: Introductory Physical and General Chemistry	Autumn	6
MATH151	General Mathematics 1A (if required)	Autumn	6
BIOL103	Molecules, Cells and Organisms	Spring	6

CHEM102	Chemistry 1B: Structure and Reactivity of Molecules for Life	Spring	6
Plus other elective subjects to give a total credit point value of 48, at least 1 of which should be from the following options:			
BIOL104	Evolution, Biodiversity and Environment	Autumn	6
SHS 111	Introduction to Anatomy and Physiology I	Autumn	6
STS 100	Social Aspects of Science and Technology*	Autumn	6
PHYS155	Introduction to Biomedical Physics	Spring	6
SHS 112	Introduction to Anatomy and Physiology II	Spring	6
** STS 100 is compulsory for students taking an approved course of study which does not include STS 251 (in 2nd year).*			
Second Year			
BIOL213	Principles of Biochemistry	Autumn	6
CHEM212	Organic Chemistry	Autumn	6
BIOL214	The Biochemistry of Energy and Metabolism	Spring	6
BIOL215	Introductory Genetics	Spring	6
CHEM214	Analytical and Environmental Chemistry II	Spring	6
STAT252	Statistics for the Natural Sciences	Spring	6
Plus two of the following subjects:			
BIOL240	Biodiversity of Marine and Freshwater Organisms	Autumn	6
MGMT208	Introduction to Management for Professionals	Autumn	6
SHS 211	Control Mechanisms Physiology	Autumn	6
STS 251	Social Aspects of Genetics and Biotechnology*	Autumn	6
BIOL241	Biodiversity of Terrestrial Organisms	Spring	6
** Compulsory for students who have not taken STS 100 in 1st year.*			
Third Year			
Core			
BIOL303	Biotechnology: Applied Cell and Molecular Biology	Autumn	8
BIOL320	Molecular Cell Biology	Autumn	8
BIOL321	Infection and Immunity	Spring	8
CHEM320	Bioinformatics: From Genome to Structure	Spring	8
Options			
Plus one Autumn Session subject chosen from the following:			
BIOL332	Ecological and Evolutionary Physiology	Autumn	8
BIOL392	Advanced Biology	Autumn	8
CHEM350	Principles of Pharmacology	Autumn	8
SHS 311*	Fundamentals of Neuroscience	Autumn	8
**Subject to approval from the Subject Coordinator*			
Plus one Spring Session subject chosen from the following:			
BIOL392	Advanced Biology	Spring	8
CHEM321	Organic Synthesis and Reactivity	Spring	8
PHIL380	Bioethics	Spring	8
SHS 313	Cardiorespiratory Physiology	Spring	8
Or other subjects approved by the Coordinator			

Honours

If the required academic standard is attained, with the approval of the degree coordinator, BSc (Medical Biotechnology) students may transfer into the Bachelor of Medical Biotechnology degree no earlier than the end of 2nd year and subsequently undertake the 4th (Honours) year of this latter degree.

Professional Recognition

Graduates qualify to apply for membership of the Australian Institute of Biology, the Australian Society of Microbiology and the Australian Biotechnology Society.

Further Information

Further information is available at http://coursefinder.uow.edu.au/ or email: science-enquiries@uow.edu.au

Bachelor of Science (Medicinal Chemistry)

The Bachelor of Science (Medicinal Chemistry) is a three-year degree which provides students with excellent training in modern techniques of chemical science applied to medicine. This includes specialised courses in drug discovery and design, using both rational, computer-aided and bioprospecting approaches. It also gives students the training in physiology, pharmacology and other areas needed to understand the effects of disease states on the human body and the role of drugs and other ways of chemical intervention. This is a prescribed program of study comprising core and optional subjects as set out below.

Course Program

Subjects		Session	Credit Points
First Year			
Autumn Session			
CHEM101	Chemistry 1A: Introductory Physical and General Chemistry	Autumn	6
SHS 111	Introduction to Anatomy and Physiology I	Autumn	6
Plus two of the following subjects in Autumn Session:			
BIOL104	Evolution, Biodiversity and Environment	Autumn	6
BIOL105	Functional Biology of Animals and Plants	Autumn	6
MATH141	Foundations of Engineering Mathematics*	Autumn	6
or			
MATH151	General Mathematics 1A (if required)*	Autumn	6
or			
MATH187	Mathematics 1: Algebra and Differential Calculus*	Autumn	6
** The mathematics subject to study is dependent on the level of mathematics already achieved by the student (HSC or equivalent).*			
SHS 110	Human Growth, Nutrition and Exercise	Autumn	6
PHYS141	Fundamentals of Physics A	Autumn	6
Spring Session			
BIOL103	Molecules, Cells and Organisms	Spring	6
CHEM102	Chemistry 1B: Structure and Reactivity of Molecules for Life	Spring	6
SHS 112	Introduction to Anatomy and Physiology II	Spring	6
STAT252	Statistics for the Natural Sciences	Spring	6
Second Year			
BIOL213	Principles of Biochemistry	Autumn	6
CHEM211	Inorganic Chemistry II	Autumn	6
CHEM212	Organic Chemistry II	Autumn	6
SHS 211	Control Mechanisms Physiology	Autumn	6
BIOL214	The Biochemistry of Energy and Metabolism	Spring	6
BIOL215	Introductory Genetics	Spring	6
CHEM213	Molecular Structure, Reactivity and Change	Spring	6
CHEM214	Analytical and Environmental Chemistry II	Spring	6
Third Year			
Autumn Session			
CHEM350	Principles of Pharmacology	Autumn	8
CHEM364	Molecular Structure and Spectroscopy	Autumn	8
Plus one of the following subjects, or other subjects approved by the Coordinator			
BIOL303	Biotechnology: Applied Cell and Molecular Biology	Autumn	8
BIOL320	Molecular Cell Biology	Autumn	8
CHEM314	Instrumental Analysis	Autumn	8

CHEM340	Chemistry Laboratory Project (Restricted Entry)	Autumn	8
Spring Session			
CHEM320	Bioinformatics: From Genome to Structure	Spring	8
CHEM321	Organic Synthesis and Reactivity	Spring	8
CHEM330	Medicinal Chemistry	Spring	8

Honours

If the required academic standard is attained the BSc (Medicinal Chemistry) student may transfer to the Bachelor of Medicinal Chemistry fourth Honours year. This consists of special coursework plus a research project.

Professional Recognition

This degree structure is designed to meet the qualifying standards of the Royal Australian Chemical Institute, and students meeting the course requirements will be eligible for corporate membership as Chartered Chemists.

Further Information

Further information is available at http://coursefinder.uow.edu.au/ or email: science-enquiries@uow.edu.au

Bachelor of Science (Nanotechnology)

The Bachelor of Science (Nanotechnology) is an interdisciplinary degree targeting the emerging field of nano-materials, molecular machines and nano-science.

The course will draw on major research strengths at UOW including: the Intelligent Polymer Research Institute, the Institute for Superconducting and Electronic Materials, the BlueScope Steel Metallurgy Centre and the ARC Centre of Excellence for Electromaterials Science. One of the main aims is to produce high quality graduates to feed into postgraduate programs within UOW research units.

This course has a materials chemistry focus with possible elective subjects in physics, engineering (e.g. mechatronics) and biology. There are a total of four elective subjects giving students scope to match the course to their interests whilst retaining a core focus on molecular design and characterisation of materials at the nano-dimension. The course includes three specially designed subjects that are mainly research oriented and combine lectures, laboratory and project work. This will give students from first year onwards a taste of where leading research in nanotechnology is heading. This is a prescribed program of study comprising core and optional subjects as set out below.

Assumed Knowledge:

Chemistry, Physics and Mathematics. Students who have not completed Chemistry and Physics at the HSC are strongly recommended to enrol in bridging courses offered in February each year.

HSC Mathematics Band 4 (or equivalent) is assumed knowledge and if the mathematics prerequisite is not met then this will most likely extend the length of time required to complete the degree.

Course Program

Subjects		Session	Credit Points
First Year			
CHEM101	Chemistry 1A: Introductory Physical and General Chemistry	Autumn	6
ENGG153	Engineering Materials	Autumn	6
PHYS141	Fundamentals of Physics A	Autumn	6
CHEM102	Chemistry 1B: Structure and Reactivity of Molecules for Life	Spring	6
NAN0101	Current Perspectives in Nanotechnology	Spring	6
PHYS142	Fundamentals of Physics B	Spring	6
Plus select ONE of the following mathematics subjects in Autumn session:			
MATH141	Foundations of Engineering Mathematics	Autumn	6
or			
MATH187	Mathematics 1: Algebra and Differential Calculus	Autumn	6
Plus select ONE of the following mathematics subjects in Spring session:			
MATH142	Essentials of Engineering Mathematics	Spring	6
or			
MATH188	Mathematics 2: Series and Integral Calculus	Spring	6

Second Year			
Core			
CHEM211	Inorganic Chemistry II	Autumn	6
MATE201	Structure of Materials	Autumn	6
PHYS205	Advanced Modern Physics	Autumn	6
CHEM212	Organic Chemistry II	Autumn	6
or			
MATE202	Thermodynamics and Phase Equilibria	Autumn	6
CHEM213	Molecular Structure, Reactivity and Change	Spring	6
NANO201	Research Topics in Nanotechnology	Spring	6
Select TWO electives to total 48 credit points at Second Year:			
NOTE: Subjects are grouped into streams to guide students on possible combinations within an area of interest. Students are NOT required to choose electives from the same streams in Second Year and Third Year.			
Materials Chemistry Stream			
CHEM214	Analytical and Environmental Chemistry	Spring	6
MATE204	Mechanical Behaviour of Materials	Spring	6
Physics Stream			
MATH212	Applied Mathematical Modelling	Spring	6
PHYS215	Vibrations, Waves and Optics	Spring	6
Mechatronics Stream			
ENGG152	Engineering Mechanics	Spring	6
ENGG154	Engineering Design and Innovation	Spring	6
Other subject options			
BIOL103	Molecules, Cells and Organisms	Spring	6
STAT252	Statistics for the Natural Sciences	Spring	6
Third Year			
Core			
CHEM364	Molecular Structure and Spectroscopy	Autumn	8
NANO301	Research Project in Nanomaterials	Autumn	8
CHEM301	Advanced Materials and Nanotechnology	Spring	8
MATE302	Polymeric Materials	Spring	6
Options: Subjects are grouped into streams to guide students on possible combinations within an area of interest. Students are NOT required to select electives from a single stream.			
Select any THREE electives from the following subjects:			
Materials Chemistry Stream			
CHEM314	Instrumental Analysis	Autumn	8
MATE301	Engineering Alloys	Autumn	6
MATE306	Fracture, Failure and Degradation	Autumn	6
MATE381	Experimental Methods and Computing	Autumn	6
CHEM320	Bioinformatics: From Genome to Structure	Spring	8
CHEM321	Organic Synthesis and Reactivity	Spring	8
MATE303	Ceramics, Glasses and Refractories	Spring	6
Physics Stream			
PHYS305	Quantum Mechanics	Autumn	6
PHYS363	Advanced Photonics	Spring	6
PHYS396	Electronic Materials	Spring	6
Mechatronics Stream			
ENGG251	Mechanics of Solids	Autumn	6
MECH215	Fundamentals of Machine Component Design	Spring	6
Other subject options			
BIOL213	Principles of Biochemistry	Autumn	6

BIOL214	The Biochemistry of Energy and Metabolism	Spring	6
Or other subjects approved by the Coordinator			

Honours

If the required academic standard is attained, the Bachelor of Science (Nanotechnology) student may transfer to the Bachelor of Nanotechnology fourth Honours year. This consists of special coursework plus a research project.

Professional Recognition

Students may choose options enabling them to graduate and be eligible for accreditation with the Royal Australian Chemical Institute (RACI).

Further Information

Further information is available at http://coursefinder.uow.edu.au/ or email: science-enquiries@uow.edu.au

Bachelor of Science (Physical Geography)

Geography is the study of the earth and its features, inhabitants and phenomena with particular emphasis on their spatial arrangement over time. Such knowledge is the basis for informed concern about the earth and its people, which is essential to understanding and managing our world.

Physical Geography focuses on understanding physical landscapes and the dynamics of environmental processes acting on the surface of the earth, which is essential for the identification, assessment and management of environmental issues.

Thus, physical geographers work in a range of settings from managing natural hazards to monitoring pollution in the environment to mapping natural resources. The Physical Geography major provides students with the key theoretical and applied skills necessary to gain employment in these areas.

Course Program

Subjects		**Session**	**Credit Points**
100-Level			
Core			
EESC101	Planet Earth	Autumn	6
EESC103	Landscape Change and Climatology	Autumn	6
EESC104	Human Geography: Sustainability, Cities and Cultures	Spring	6
Total for major at 100-level			**18**
Recommended electives:			
MATH151	General Mathematics 1A (if required)	Autumn	6
EESC102	Earth Environments and Resources	Spring	6
SCIE103	Climate Change	Spring	6
200-Level			
Core			
EESC203	Biogeography and Environmental Change	Autumn	6
EESC204	Introductory Spatial Science	Autumn or Spring	6
EESC202	Soils, Landscapes and Hydrology	Spring	6
Plus at least one other subject chosen from Earth & Environmental Sciences schedule at 200-level. Recommended options include:			
EESC208	Environmental Impact of Societies	Spring	6
EESC250	Field Geology	Summer	6
Total for major at 200-level			**24**
300-Level			
Core			
EESC303	Fluvial Geomorphology and Sedimentology	Autumn	8
EESC302	Coastal Environments: Process and Management	Spring	8
Plus ONE of the following subjects:			
EESC305	Remote Sensing of the Environment	Autumn	8
EESC304	Geographic Information Science	Spring	8
Total for major at 300-level			**24**

Recommended electives:			
EESC305	Remote Sensing of the Environment	Autumn	8
EESC309	Dung, Death and Decay: Modern scientific methods in archaeology	Autumn	8
EESC304	Geographic Information Science	Spring	8
EESC310	Water Resources and Management	Spring	8
Sub-total for major			**66**
Plus additional subjects chosen from the Science Schedule			24
Total for major			**90**
Plus elective subjects chosen from the Science or General Schedules			54
Degree Total			**144**

Honours

See separate entry for the Bachelor of Science Honours (741).

Further Information

Further information is available at http://coursefinder.uow.edu.au/ or email: science-enquiries@uow.edu.au

Bachelor of Science
Bachelor of Science Honours

Testamur Title:	Bachelor of Science
	Bachelor of Science Honours
Abbreviation:	BSc
	BSc (Hons)
My University:	Exercise Science, Nutrition
Duration:	3 years full-time or part-time equivalent
	1 year full-time or part-time equivalent (Honours)
Total Credit Points:	144
	48 (Honours) as an additional year
Delivery Mode:	On-campus
Starting Session(s):	Autumn
Location:	Wollongong
UOW Course Code:	749
	748 (Honours)
UAC Code:	See UAC code under specific major
CRICOS Code:	020187G
	069719B (Honours)

Overview

The Bachelor of Science (UOW Course Code 749) offers students the opportunity to enrol in a major in a number of disciplines, including Exercise Science and Nutrition.

Assumed Knowledge

Domestic school leavers are assumed to have completed at least 2 units of English at HSC level. Some majors also assume that students have completed 4 units of Science and/or Maths.

International students are required to have achieved an overall IELTS score of 6.5, with a minimum level of 6.0 in all bands of reading and writing, speaking and listening.

Alternative pathways exist for mature age domestic students.

Course Requirements

The Bachelor of Science requires the successful completion of 144 credit points of subjects in accordance with the table set out under each major. Elective subjects are chosen from the Health and Behavioural Sciences, Science or the General Schedules.

Subjects to a value of at least 90 credit points of subjects must be selected from the Health and Behavioural Sciences schedules.

Students may undertake no more than 60 credit points of 100-level subjects.

Honours

The Bachelor of Science (Honours) is designed to provide students with skills to demonstrate excellence in research with a clear understanding of a research question in relation to current knowledge. The degree program fosters the following abilities and skills: plan, design and perform a research project; collect and analyse data; evaluate data; synthesise results and integrate with relevant ideas and concepts; communicate findings; and put relevant principles into practice.

Entry into the Bachelor of Science (Hons) requires the student to have attained at minimum of a credit average in subjects undertaken during their undergraduate degree. However, a credit average does not guarantee entry into Honours, and additional selection criteria may apply depending on the discipline in which Honours is undertaken.

As specific entry requirements vary from School to School, students considering applying for enrolment in the BSc (Hons) should first contact the Honours Coordinator for the School in which they are interested in pursuing Honours. It is strongly recommended that student seek academic advice prior to enrolling their subjects in Year 2 and in Year 3 of their degree to ensure that specific entry requirements for Honours are met.

In addition to achieving a minimum credit average and any other selection criteria, admission to the Bachelor of Science (Hons) will also be dependent upon the availability of an appropriate supervisor, who must be identified by the applicant before applying for entry.

The Honours grade will be calculated in accordance with Method 1. For further information refer to General Course Rules Section 8.

Major Study Areas

- Exercise Science
- Nutrition

Minor Study Areas

- Psychology

Non-psychology students can complete a minor study in Psychology. A minor in Psychology will consist of at least 30 credit points in subjects with the prefix 'PSYC' from the course structure of the Bachelor of Psychology degree, and must include PSYC121, PSYC122, PSYC123 and any two of PSYC231 or PSYC234 or PSYC236 or PSYC241 or PSYC251. Subjects in the minor may not be cross counted towards any other minor or major study.

Minor studies are also offered in:

- Indigenous Health Studies (See Bachelor of Health Science in Indigenous Health Studies page in this handbook for further information)
- Introduction to Public Health (See Bachelor of Public Health page in this handbook for further information)

English Language and Linguistics Elective Subjects

A number of English Language and Linguistic (ELL) subjects are offered in both Autumn and Spring sessions for both English-Speaking Background students and Non-English Speaking Background students.

Other Information

Other information is available at http://coursefinder.uow.edu.au/ or

email: HBS - hbs_central@uow.edu.au

Exercise Science

UAC Code 757642

Overview

The Exercise Science major allows students to explore in-depth the area of exercise science through the study of anatomy, physiology, exercise physiology, exercise prescription and biomechanics. Students will gain a comprehensive understanding of the anatomical and physiological basis of human motion, and the effect of exercise, injury, and disease on human performance in sport, industry and in daily living. Graduates are trained to utilise exercise as an intervention to maintain health and fitness in healthy individuals.

Assumed Knowledge

Domestic school leavers are assumed to have completed at least 2 units of English at HSC level and 4 units of Science and/or Maths. It is strongly recommended that 2 units of Year 12 Chemistry are taken. Students who do not have Yr 12 Chemistry are strongly advised to take the Chemistry Bridging Course offered at UOW in February each year prior to commencing studies.

International students are required to have achieved an overall IELTS score of 6.5 with a minimum of 6.0 in all bands of reading, writing, listening and speaking.

Alternative pathways exist for mature age domestic students.

Course Requirements

The Bachelor of Science (Exercise Science) requires the successful completion of 144 credit points of subjects in accordance with the course structure and recommended subject progression table below.

Subject Code	Subject Name	Session	Credit Points
Year 1			
CHEM101	Chemistry 1A: Introductory Physical & General Chemistry	Autumn	6
PSYC101	Introduction to Behavioural Science	Autumn	6
SHS 110	Human Growth, Nutrition & Exercise	Autumn	6
SHS 111	Introduction to Anatomy & Physiology I	Autumn	6
BIOL103	Molecules, Cells & Organisms	Spring	6
CHEM102	Chemistry 1B: Structure & Reactivity of Molecules for Life	Spring	6
PSYC116	Psychology of Physical Activity & Health	Spring	6
SHS 112	Introduction to Anatomy & Physiology II	Spring	6
Year 2			
BIOL213	Principles of Biochemistry	Autumn	6
MGMT102	Business Communications	Autumn	6
Or			
SHS 230	Contemporary Public Health Issues	Autumn	6
SHS 211	Control Mechanisms Physiology	Autumn	6
SHS 222	Foundations of Biomechanics	Autumn	6
SHS 220	Musculoskeletal Functional Anatomy	Spring	6
SHS 221	Exercise Physiology	Spring	6
SHS 223	Clinical Biomechanics	Spring	6
STAT251	Fundamentals of Biostatistics	Spring	6
Year 3			
SHS 321	Advanced Exercise Physiology	Autumn	8
EXSC320	Exercise Prescription	Autumn	16
SHS 320	Motor Control and Dysfunction	Spring	8
Select two 8 credit point electives which can be any subject approved by the Course Coordinator where the student will be accepted by the Subject Coordinator; recommended subjects are:		Spring	16
SHS300	Research Topics*	Spring	8
SHS310	Regional Anatomy	Spring	8
SHS312	Advanced pathophysiology	Spring	8
SHS313	Cardiorespiratory physiology	Spring	8
Or other subjects that have been approved by the Course Coordinator			

**must be taken if student intends to applying for the Master of Clinical Exercise Physiology.*

Note that this degree has 140 hours of compulsory practicum experience, which must be completed over the three years of the course.

Credit Towards Other Courses

Students intending to apply for the Master of Clinical Exercise Physiology should seek academic advice regarding subject selection.

Honours

Successful completion of the BSc(Exercise Science) with a credit grade average enables students to apply for entry to the BSc (Honours) course (UOW Course Code 748). Prospective applicants should consult the School Honours Coordinator to register their interest and become involved in the supervisor and topic selection process. For course requirements see Honours entry under Bachelor of Science (UOW Course code 749).

Professional Recognition

The Bachelor of Science (Exercise Science) has been accredited by Exercise and Sport Science Australia (ESSA). Upon graduation, students are eligible to become an Exercise Scientist.

Contact Information

For further information please contact your Course Advisor at http://www.uow.edu.au/health/hbs_central/UOW024550.html

Other Information

Other information is available at http://coursefinder.uow.edu.au/

Nutrition

UAC Code 757645

Overview

The Bachelor of Science major in Nutrition provides a general education in the study of human nutrition, with core areas of study including biochemistry, human physiology, nutritional metabolism, and community and public health nutrition.

Assumed Knowledge

Domestic school leavers are assumed to have completed any 2 units of English, plus 4 units of Science and/or Maths. Chemistry is recommended. Students who have not completed prior senior studies in Biology and/or Chemistry in the HSC are strongly recommended to enrol in bridging courses offered in February each year.

International students are required to have achieved an overall IELTS score of 6.5 with at least 6.0 in all bands of reading, writing, speaking and listening.

Alternative pathways exist for mature age domestic students.

Course Requirements

The Bachelor of Science (Nutrition) requires the successful completion of 144 credit points of subjects in accordance with the course structure and recommended subject progression table below.

Subject Code	Subject Name	Session	Credit Points
Year 1			
CHEM101	Chemistry 1A	Autumn	6
SHS 110	Human Growth, Nutrition and Exercise	Autumn	6
SHS 111	Anatomy and Physiology 1	Autumn	6
Plus select one 6 credit point subject from:			
INDS150	Introduction to Indigenous Australia	Autumn	6
or			
PSYC101	Introduction to Behavioural Science	Autumn	6
or			
SOC 103	Introduction to Sociology	Autumn	6
BIOL103	Molecules, Cells and Organisms	Spring	6
CHEM102	Chemistry 1B	Spring	6
SHS 112	Anatomy and Physiology 2	Spring	6
SHS 150	Fundamental Concepts in Food and Nutrition	Spring	6
Year 2			
BIOL213	Principles of Biochemistry	Autumn	6
CHEM215	Food Chemistry	Autumn	6
SHS 211	Human Physiology II: Control Mechanisms	Autumn	6
SHS 231	Health Promotion	Autumn	6

BIOL214	The Biochemistry of Energy and Metabolism	Spring	6
SHS 250	Measurement and Assessment of Diet and Activity	Spring	6
STAT251	Fundamentals of Biostatistics	Spring	6
Plus select one 6 credit point elective which can be any subject approved by the Course Coordinator where the student will be accepted by the Subject Coordinator; recommended subjects are:			
PSYC116	Psychology of Physical Activity and Health	Spring	6
SHS 212	Introduction to Pathophysiology	Spring	6
SHS 251	Introduction to Epidemiology	Spring	6
Year 3			
SHS 351	Nutrients and Metabolism	Autumn	8
SHS 353	Community and Public Health Nutrition	Autumn	8
SHS 352	Research in Human Nutrition	Autumn	8
SHS 354	Nutrition and Food Innovation I*	Spring	8
Plus select two 8 credit point electives which can be any subject approved by the Course Coordinator where the student will be accepted by the Subject Coordinator; recommended subjects are:			
CHEM320	Bioinformatics: From Genome to Structure	Spring	8
SHS 300	Research Topics	Spring	8
SHS 312	Advanced Topics in Pathophysiology	Spring	8
SHS 331	Social Determinants of Indigenous Health	Spring	8
Or other subjects that have been approved by the Course Coordinator.			

** SHS 354 Nutrition and Food Innovation I is core for the Bachelor of Science Nutrition – it is not equivalent to SHS 355 Nutrition and Food Innovation II 6cp which is only offered as an elective in the Bachelor of Nutrition and Dietetics. SHS355 will not count toward the Bachelor of Science (Nutrition).*

Articulation with other UOW Courses

Successful completion of the BSc(Nutrition) enables graduates to apply for entry to the Master of Science (Nutrition & Dietetics) as the course meets all admission requirements. Entry to the Masters is highly competitive and places are limited.

Students who have achieved a distinction average in 96 credit points (EFT 2 years enrolment) of this degree may be invited to transfer into the Bachelor of Nutrition and Dietetics, based on competitive selection and subject to availability of places.

Students in the BS (Nutrition) who intend applying for course transfer into other eligible UOW courses should obtain academic advice to inform their subject selections.

Honours

Successful completion of the BSc(Nutrition) with a credit grade average enables students to apply for entry to the BSc (Honours) course (UOW Course Code 748). Prospective applicants should consult the School Honours coordinator to register their interest and become involved in the supervisor and topic selection process. For course requirements see Honours entry under Bachelor of Science (UOW Course code 749).

Professional Recognition

Graduates are eligible for Associate Membership of the Dietitians Association of Australia (DAA). Graduates may also apply to become a Graduate Member of the Australian Institute of Food Science and Technology and/or an Associate Nutritionist with the Nutrition Society of Australia (NSA). Full status as a Registered Nutritionist or Registered Public Health Nutritionist can be obtained after work experience (see NSA for further details).

Further Information

For further information please contact your Course Advisor at http://www.uow.edu.au/health/hbs_central/UOW024550.html

Other Information

Other information is available at http://coursefinder.uow.edu.au/

Bachelor of Science
Bachelor of Science Honours

Testamur Title of Degree:	Bachelor of Science Bachelor of Science Honours
Abbreviation:	BSc BSc (Hons)
My University:	Psychology, Psychology and Biology
Duration:	3 years full-time or part-time equivalent 1 year full-time or part-time equivalent (Honours)
Total Credit Points:	144 48 (Honours) as an additional year
Delivery Mode:	On-campus
Starting Session(s):	Autumn
Location:	Wollongong
UOW Course Code:	333 337 (Honours)
UAC Code:	See UAC code under specific major
CRICOS Code:	To be advised

Overview

The Bachelor of Science offers students the opportunity to study in the field of Psychology.

Assumed Knowledge

Domestic school leavers are assumed to have completed at least 2 units of English at HSC level. Some majors also assume that students have completed 4 units of Science and/or Maths.

International students are required to have achieved an overall IELTS score of 6.5, with a minimum level of 6.0 in all bands of reading and writing, speaking and listening.

Alternative pathways exist for mature age domestic students.

Course Requirements

The Bachelor of Science requires the successful completion of 144 credit points of subjects in accordance with the table set out under each major. Elective subjects are chosen from the field of Health and Behavioural Sciences, Sciences or the General Schedules.

Subjects to a value of at least 90 credit points of subjects must be selected from the Health and Behavioural Sciences schedules.

Students may undertake no more than 60 credit points of 100-level subjects.

Honours

The Bachelor of Science (Honours) is designed to provide students with skills to demonstrate excellence in research with a clear understanding of a research question in relation to current knowledge. The degree program fosters the following abilities and skills: plan, design and perform a research project; collect and analyse data; evaluate data; synthesise results and integrate with relevant ideas and concepts; communicate findings; and put relevant principles into practice.

Entry into the Bachelor of Science (Hons) requires the student to have attained at minimum of a credit average in subjects undertaken during their undergraduate degree. However, a credit average does not guarantee entry into Honours, and additional selection criteria may apply depending on the discipline in which Honours is undertaken.

As specific entry requirements vary from School to School, students considering applying for enrolment in the BSc (Hons) should first contact the Honours Coordinator for the School in which they are interested in pursuing Honours. It is strongly recommended that student seek academic advice prior to enrolling their subjects in Year 2 and in Year 3 of their degree to ensure that specific entry requirements for Honours are met.

In addition to achieving a minimum credit average and any other selection criteria, admission to the Bachelor of Science (Hons) will also be dependent upon the availability of an appropriate supervisor, who must be identified by the applicant before applying for entry.

The Honours grade will be calculated in accordance with Method 1. For further information refer to General Course Rules Section 8.

Major Study Areas

- Psychology
- Psychology and Biology

Minor Study Areas

- Psychology

Non-psychology students can complete a minor study in Psychology. A minor in Psychology will consist of at least 30 credit points in subjects with the prefix 'PSYC' from the course structure of the Bachelor of Psychology degree, and must include PSYC121, PSYC122, PSYC123 and any two of PSYC231 or PSYC234 or PSYC236 or PSYC241 or PSYC251. Subjects in the minor may not be cross counted towards any other minor or major study.

Minor studies are also offered in:

- Indigenous Health Studies (See Bachelor of Health Science in Indigenous Health Studies page in this handbook for further information)
- Introduction to Public Health (See Bachelor of Public Health page in this handbook for further information)

English Language and Linguistics Elective Subjects

A number of English Language and Linguistic (ELL) subjects are offered in both Autumn and Spring sessions for both English-Speaking Background students and Non-English Speaking Background students.

Other Information

Other information is available at http://coursefinder.uow.edu.au/ or

email: HBS - hbs_central@uow.edu.au

Psychology

UAC Code 757651

Overview

Psychology is the scientific study of human behaviour and experience, the physiological, sensory and cognitive processes that underlie it, and the profession that applies this knowledge to practical problems. Psychologists help us to understand who we are and how we think, feel, act and change. They aim to help people function better, and to prevent ill-health and other problems developing. Psychologists' clients include children, adults, couples, families and organisations.

Entry Requirements / Assumed Knowledge

Domestic school leavers are assumed to have completed at least 2 units of English at HSC level.

International students are required to have achieved an IELTS score of 6.5 with at least 6.0 in reading, writing, listening and speaking.

Alternative pathways exist for mature age domestic students.

Major Study

The Bachelor of Science (Psychology) requires the successful completion of 144 credit points of subjects in accordance with the table below, which incorporates the 72 credit points of Psychology subjects required to achieve a major in Psychology.

Elective subjects to the value of 72 credit points are chosen from Health and Behavioural Sciences, Science or the General Schedules.

Subjects to the value of at least 90 credit points must be selected from the Health and Behavioural Sciences or Science Schedules to meet Bachelor of Science (UOW Course Code 749) degree requirements. The 72 credit points required for the Psychology major count toward this requirement.

Subject Code	Subject Name	Session	Credit Points
PSYC121	Foundations in Psychology A	Autumn	6
PSYC122	Foundations in Psychology B	Spring	6
PSYC123	Theory, Design and Statistics in Psychology	Spring	6
PSYC234	Biological Psychology and Learning	Autumn	6
PSYC231	Personality	Spring	6
PSYC250	Quantitative Methods in Psychology	Autumn	6
PSYC241	Developmental and Social Psychology	Spring	6
PSYC236	Cognition and Perception	Spring	6
PSYC347	Assessment and Intervention	Autumn	8
And 16 credit points of electives, which must include at least one of the following:			
PSYC345	Advanced Topics in Cognition	Autumn	8
PSYC352	Psychophysiology	Spring	8
PSYC349	Visual Perception	Spring	8
And may include:			
PSYC348	History and Metatheory of Psychology	Spring	8
PSYC350	Social Behaviour and Individual Differences	Autumn	8
PSYC354	Design and Analysis	Spring	8
PSYC355	Forensic Psychology	Autumn	8
Plus a further 72 credit points of elective subjects			72

Double Majors

Students in the Bachelor of Science (Course Code 749) may undertake a double major in:

- Psychology and Biology

The details of this double major are listed under Major Study Areas of the Bachelor of Science.

Honours

Honours in Psychology is a fourth year of study accredited by the Australian Psychology Accreditation Council (APAC). It is offered on a one year full-time or two year part-time basis. Psychology Honours is a route to the Postgraduate coursework or research degrees in Psychology. It is also a partial qualification for registration as a Psychologist with the Psychology Board of Australia, a post degree supervision period also being required. Graduates of the University of Wollongong with a major in Psychology are eligible to apply for admission to Psychology Honours provided that: they have completed an undergraduate degree curriculum with a major in psychology; they have completed PSYC251 Psychology of Abnormality, PSYC348 History and Metatheory of Psychology and PSYC354 Design and Analysis; they have completed at least 76 credit points of Psychology subjects at 200 and 300 levels; they have at least a credit average for Psychology subjects at 200 and 300 levels. For the purposes of assessing eligibility for entry to the Honours program, the School uses the weighted average mark (WAM) of the best 11 subjects from successfully completed 200- and 300- level Psychology subjects, including PSYC354 Design and Analysis and PSYC348 History and Metatheory in Psychology (or their equivalent).

Professional Recognition

Completion of four years in Psychology is an important first step for registration as a psychologist in Australia. The Bachelor of Science (Psychology) is accredited as the first three years of study. To complete the four years students must complete an accredited add-on Honours year or an accredited Postgraduate Diploma in Psychology* to meet the academic requirement for conditional registration as a psychologist in NSW. An additional two years of supervised practice is necessary to apply for registration as a professional psychologist with the Psychology Board of Australia. This can be through two years supervised practice in the community or a fifth year at University plus one year of supervised practice in the community. Accreditation with the Australian Psychological Society, the national professional association, requires six years of approved academic study.

*The Postgraduate Diploma in Psychology is not offered at the University of Wollongong.

Contact Information

For further information please contact your Course Advisor at http://www.uow.edu.au/health/hbs_central/UOW024550.html

Other Information

Other information is available at http://coursefinder.uow.edu.au/

Psychology and Biology

This double major is not available for direct entry via UAC. Students should apply for the Bachelor of Science (Psychology) and seek advice on enrolment day regarding a transfer into the double major.

Overview

Psychology is the scientific study of human behaviour and experience, the physiological, sensory and cognitive processes that underlie it, and the profession that applies this knowledge to practical problems. Psychologists help us to understand who we are and how we think, feel, act and change. They aim to help people function better, and to prevent ill-health and other problems developing. Psychologists' clients include children, adults, couples, families and organisations.

The combination of psychology and biological sciences provides further insight into fundamental biological processes, which deepens the knowledge and understanding of the physiological components of psychology.

Entry Requirements / Assumed Knowledge

Domestic school leavers are assumed to have completed at least 2 units of English at HSC level and 4 units of Science and/or Maths.

International students are required to have achieved an overall IELTS score of 6.5, with a minimum level of 6.0 in all bands of reading and writing, speaking and listening.

Alternative pathways exist for mature age domestic students.

Course Requirements

The Bachelor of Science (Psychology and Biology) requires the completion of a minimum of 150 credit points in accordance with the table below.

More than 150 credit points may be required in order to progress into an Honours year in either discipline. Students considering Honours should consult with the relevant School prior to enrolment each year to ensure that the appropriate subjects are selected.

Subject Code	Subject Name	Session	Credit Points
Year 1			
BIOL104	Evolution, Biodiversity and Environment	Autumn	6
BIOL105	Functional Biology of Animals and Plants	Autumn	6
CHEM101	Chemistry 1A	Autumn	6
PSYC121	Foundations of Psychology A	Autumn	6
BIOL103	Molecules, Cells and Organisms	Spring	6
CHEM102	Chemistry 1B	Spring	6
PSYC122	Foundations of Psychology B	Spring	6
PSYC123	Theory, Design and Statistics in Psychology	Spring	6
Year 2			
PSYC234	Biological Psychology and Learning	Autumn	6
PSYC231	Personality	Spring	6
PSYC250	Quantitative Methods	Autumn	6
PSYC241	Developmental and Social Psychology	Spring	6
PSYC236	Cognition and Perception	Spring	6
Plus 24 credit points from the following:			
BIOL213	Principles of Biochemistry	Autumn	6
BIOL240	Biodiversity of Marine and Freshwater Organisms	Autumn	6
BIOL251	Principles of Ecology and Evolution	Autumn	6
MARE200	Introduction to Oceanography	Autumn	6
BIOL214	The Biochemistry of Energy and Metabolism	Spring	6
BIOL215	Introductory Genetics	Spring	6
BIOL241	Biodiversity of Terrestrial Organisms	Spring	6
Year 3			
PSYC347	Assessment and Intervention	Autumn	8
And 16 credit points of electives, which must include at least one of the following:			
PSYC345	Advanced Topics in Cognition	Autumn	8
PSYC349	Visual Perception	Spring	8
PSYC352	Psychophysiology	Spring	8
And may include:			
PSYC348	History and Metatheory of Psychology	Spring	8
PSYC350	Social Behaviour and Individual Differences	Autumn	8
PSYC315	Psychology of Abnormality	Spring	8
PSYC354	Design and Analysis	Spring	8
PSYC355	Forensic Psychology	Autumn	8
Plus 24 credit points from the following:			
Option 1: Choose any three subjects from the following five subjects			
BIOL303	Biotechnology: Applied Cell & Molecular Biology	Autumn	8
BIOL320	Molecular Cell Biology	Autumn	8
BIOL332	Ecological and Evolutionary Physiology	Autumn	8
BIOL321	Infection and Immunity	Spring	8
CHEM320	Bioinformatics: From Genome to Structure	Spring	8
Option 2: Choose all three following subjects			
BIOL332	Ecological and Evolutionary Physiology	Autumn	8
BIOL351	Conservation Biology: Marine and Terrestrial Populations	Autumn	8
BIOL355	Marine and Terrestrial Ecology	Spring	8
Students interested in including subjects outside of these combinations should discuss their choices with the Biological Sciences Coordinator.			
BIOL391	Advanced Biology#	Annual / Autumn/ Spring	16
BIOL392	Advanced Biology#	Autumn/Spring/ Summer	8

 # These two subjects are available for high-achieving students wishing to complement their coursework with research projects. Entry into these subjects is by permission of the Coordinator and requires a distinction average or higher performance in subjects pertinent to the intended area of research, as approved by the Head of School.

Honours

Psychology

Students must complete additional Psychology subjects if they wish to apply to undertake Honours in Psychology. Consult the information on Honours under Bachelor of Science (Psychology) for details of the subjects required. Students should also consult the 4th Year Advisor for the School of Psychology.

Biology

See separate entry for the Bachelor of Science Honours (741).

Professional Recognition

To apply for registration as a professional psychologist with the Psychology Board of Australia it is necessary to complete an accredited 4 year course of study plus 2 years supervised practice. This can be through 2 years supervised practice in the community or a 5th year at University plus 1 year of supervised practice in the community. Accreditation with the Australian Psychology Accreditation Council (APAC), the national professional association, requires 6 years of approved academic study.

Contact Information

For further information please contact your Course Advisor at http://www.uow.edu.au/health/hbs_central/UOW024550.html

Other Information

Other information is available at http://coursefinder.uow.edu.au/

Bachelor of Science

Testamur Title:	Bachelor of Science (Major)
Abbreviation:	BSc
My University:	Engineering, Materials, Nuclear Science and Technology, Photonics, Physics, Mathematics
Duration:	3 years full-time or part-time equivalent
Total Credit Points:	144
Delivery Mode:	On campus
Starting Session(s):	Autumn or Spring
Location:	Wollongong
UOW Course Code:	757
CRICOS Code:	031274F

Overview / Course Aims

For course overview please see individual major study pages - Nuclear Science and Technology, Photonics or Physics

Entry Requirements / Assumed Knowledge

Any two units of English plus Mathematics. Recommended studies: HSC Mathematics Ext. 1 plus Chemistry or Physics. Entry is open to students who have gained an Australian Tertiary Admission Rank (ATAR) or equivalent at a level determined by UOW for this calendar year.

Course Requirements

All students must complete the required number of credit points and satisfy all course requirements for the degree - refer to course structures below for individual majors. The Bachelor of Science normally takes three years to complete. All students must take particular notice of the Course Rules regarding minimum rate of progress.

The formal contact hours, methods of teaching and learning and forms of assessment vary from subject to subject and majors. Details will be provided to students at the commencement of each subject by the Subject Coordinator. Students should attend all classes including lectures, tutorials and laboratory classes.

Honours

Students with a good academic record are encouraged to proceed to an Honours year, a fourth year of study providing training in independent research. Further information on the Honours Program is available at Bachelor of Science Honours (Physics).

Advanced

For information on the Advanced Program is available at Bachelor of Science Advanced (Physics)

Core Program for all majors

Subject		Session	Credit Points
Year 1			
MATH187	Mathematics 1: Algebra and Differential Calculus	Autumn	6
PHYS141	Fundamentals Physics A	Autumn	6
MATH188	Mathematics 2: Series and Integral Calculus	Spring	6
PHYS142	Fundamentals Physics B	Spring	6
Year 2			
MATH201	Multivariate and Vector Calculus	Autumn	6
MATH203	Linear Algebra	Autumn	6
PHYS205	Advanced Modern Physics	Autumn	6
PHYS235	Mechanics and Thermodynamics	Autumn	6
MATH202	Differential Equations 2	Spring	6
PHYS215	Vibrations, Waves and Optics	Spring	6
PHYS225	Electromagnetism and Optoelectronics	Spring	6
Year 3			
PHYS305	Quantum Mechanics	Autumn	6

PHYS325	Electromagnetism	Autumn	6

Bachelor of Science (Physics)

UAC Code: 757637

Basic Major Program in Physics

Core Program plus the following subjects

Subject		Session	Credit Points
Year 1			
Four electives (6 credit points each)			24
Year 2			
One elective			6
Year 3			
Two of the following subjects:			
PHYS335	Classical Mechanics	Offered Autumn odd years	6
PHYS356	Physics of Detectors and Imaging	Autumn	6
PHYS390	Astrophysics	Offered Autumn even years	6
PHYS375	Nuclear Physics	Spring	6
PHYS385	Statistical Mechanics	Spring	6
PHYS396	Electronic Materials	Spring	6
Plus an additional 24 credit points of subjects taken from the Science or Engineering Schedules.			

Full Major Program in Physics

Core Program plus the following subjects

Subject		Session	Credit Points
Year 1			
PHYS295	Astronomy - Concepts of the Universe	Spring	6
plus three electives			18
Year 2			
MATH204	Complex Variables and Group Theory	Spring	6
Year 3			
PHYS356	Physics of Detectors and Imaging	Autumn	6
PHYS335	Classical Mechanics	Offered Autumn odd years	6
or			
PHYS390	Astrophysics	Offered Autumn even years	6
PHYS375	Nuclear Physics	Spring	6
PHYS385	Statistical Mechanics	Spring	6
PHYS396	Electronic Materials	Spring	6
plus one elective			6

Bachelor of Science (Nuclear Science and Technology)

UAC Code: 757638

Overview

The objective of the Nuclear Science and Technology major is to provide the scientific knowledge and skills necessary for a successful career in areas such as health physicists, nuclear technicians and radiation employees. Expansion in the uranium mining industry and monitoring of mid and high-level radioactive storage facilities will require specific expertise. The course builds on the expertise of the Centre for Medical Radiation Physics in dosimetry and radiation monitoring as well as nuclear technology and waste disposal.

Core Program plus the following subjects

Subject		Session	Credit Points
Year 1			
PHYS233	Introduction to Environmental Physics	Autumn	6
CHEM101	Chemistry IA: Introductory Physical and General Chemistry (Recommended)	Autumn/Summer	6
BIOL103	Molecules, Cells and Organisms (Recommended)	Spring	6
PHYS295	Radiation Physics (Recommended)	Spring	6
Year 2			
PHYS255	Radiation Physics	Spring	6
Year 3			
PHYS356	Physics of Detectors and Imaging	Autumn	6
PHYS365	Detection of Radiation	Autumn	6
PHYS375	Nuclear Physics	Spring	6
PHYS376	Nuclear Fuel Cycle	Spring	6
PHYS385	Statistical Mechanics	Spring	6
PHYS396	Electronic Materials	Spring	6

Bachelor of Science (Photonics)**

*** Not available in 2012*

UAC Code: 757577

Overview

Photonics is a rapidly developing area associated with the development of detectors, light sources and optical fibres to support research and development in a wide range of industries including optoelectronics, telecommunications and defence. This major provides students with training which combines skills in experimental and theoretical physics and electronics with a strong background in optics, electronics and computing, necessary to begin a career in the photonics industry. It is structured around the existing core of Physics subjects.

Core Program plus the following subjects

Subject		Session	Credit Points
Year 1			
CHEM103	Introductory Chemistry For Engineers*	Autumn	6
CSCI114	Procedural Programming*	Autumn	6
ECTE172	Introduction to Circuits and Devices	Spring	6
ECTE182	Internet Technology 1*	Spring	6
** Three electives are required, these are examples*			
Year 2			
plus	One elective	Spring	6
Year 3			
ECTE363	Communication Systems	Autumn	6
PHYS356	Physics of Detectors and Imaging	Autumn	6
PHYS363	Advanced Photonics	Spring	6
PHYS385	Statistical Mechanics	Spring	6
PHYS396	Electronic Materials	Spring	6
plus	One elective	Spring	6

Bachelor of Science (Physics and Mathematics)

UAC Code: 757637 ***

**** Student to apply via Bachelor of Science (Physics) and upon offer acceptance to seek admission approval from the Faculty of Engineering Subdean.*

Overview

This double major provides students with a deeper understanding of the complementary areas of physics and mathematics. Students will be eligible for employment in areas requiring qualifications in physics and mathematics and will particularly equip them for work in areas where they will undertake mathematical modeling of physical systems.

Core Program plus the following subjects

Subject		Session	Credit Points
Year 1			
PHYS295	Astronomy concepts of the University	Spring	6
PLUS Three first year electives (STAT131 Understanding Variation and Uncertainty is highly recommended)			
Year 2			
MATH204	Complex Variables and Group Theory	Spring	6
Year 3			
MATH302	Differential Equations 3	Autumn	6
MATH305	Partial Differential Equations	Spring	6
MATH321	Numerical Analysis	Spring	6
Choose two from:			
PHYS335	Classical Mechanics	Offered Autumn odd years	6
PHYS390	Astrophysics	Offered Autumn even years	6
PHYS375	Nuclear Physics	Spring	6
PHYS385	Statistical Mechanics	Spring	6
PHYS396	Electronic Materials	Spring	6
Plus one third year Mathematics elective			6

Other Information

Further information is available at http://coursefinder.uow.edu.au/ or email: engineering@uow.edu.au

Bachelor of Science Advanced

Testamur Title:	Bachelor of Science Advanced
Abbreviation:	BScAdv
My University:	Science, Biological Sciences, Chemistry, Geology, Geosciences, Human Geography and Physical Geography, Environment, Land and Heritage Management
Duration:	4 years full-time or part-time equivalent
Total Credit Points:	192
Delivery Mode:	On campus (Face-to-face)
Starting Session(s):	Autumn or Spring
Location:	Wollongong
UOW Course Code:	741_2
UAC Code:	757601
CRICOS Code:	052463E

Overview

The Advanced Program, designed specifically for high achieving students, offers direct entry into Honours, unlike the normal Bachelor of Science which delays selection for Honours until the completion of the third year.

The Advanced Program offers a greater degree of flexibility in program design through the opportunity to undertake individual research subjects at second and third year; the opportunity to apply for paid Research Assistantships; the chance to participate in various enrichment activities; and to develop a close association with an appropriate member of one of the School's research teams. In the final year, all students undertake a substantial piece of supervised research in their major discipline together with other required seminar and/or course work.

Entry Requirements / Assumed Knowledge

Australian Tertiary Admission Rank (ATAR) of 95 (or equivalent). The ATAR is reviewed each year.

Assumed Knowledge: Mathematics and any two units of Science. Students who have not completed Biology and/or Chemistry at the HSC are strongly recommended to enrol in bridging courses offered in February each year. Students without at least HSC Mathematics Band 4 (or equivalent) are required to take a Mathematics subject (usually MATH151) in the first year (only candidates majoring in Human Geography or Land and Heritage Management are exempt from this rule).

Bachelor of Science students with an exceptionally high level of performance in first year may enter the program on the recommendation of the Coordinator or Head of School or at the invitation of the Dean. Transfer will not be considered before completion of the first year of the course and is based on at least a Distinction average (75%) taken over all subjects completed, and the approval of the Dean or Associate Dean.

Course Requirements

Students are required to fulfil all of the normal Bachelor of Science and Honours requirements and may select their major study program from any of those available within the Faculty (refer to the information under Bachelor of Science (742) and Bachelor of Science Honours (741). Study programs are structured on an individual basis in consultation with the relevant Academic Advisor.

Progression Requirements

In order to maintain a place in an Advanced Science degree, students are normally required to achieve a Weighted Average Mark (WAM) of at least 75% in the 200- and 300-level subjects completed. The performance of each student will be reviewed initially by the Associate Dean after the completion of 72 credit points. Students who do not meet the minimum progression requirements may not be permitted entry into the fourth-year Honours program and will be required to transfer into the Bachelor of Science degree.

Honours

After fulfilling the progression requirements, Bachelor of Science Advanced students automatically proceed to an Honours year in their chosen discipline. The Honours grade will be calculated in accordance with Method 1 defined in the General Course Rules Section 8.

See separate entry for the Bachelor of Science Honours (741) for further information.

Major Study Areas

Please refer to the information contained in the entries for Bachelor of Science (742).
Students select a major from those available in the Faculty:

- Biological Sciences
- Chemistry
- Environment
- Geology
- Geosciences
- Human Geography
- Land and Heritage Management
- Physical Geography

Other Information

Please note: Similar Advanced programs are also available to students wishing to undertake one of the specialist degrees: Bachelor of Conservation Biology, Bachelor of Environmental Science, Bachelor of Marine Science, Bachelor of Medical Biotechnology, Bachelor of Medicinal Chemistry and Bachelor of Nanotechnology.

Further Information

Further information is available at http://coursefinder.uow.edu.au/ or email: science-enquiries@uow.edu.au

Bachelor of Science (Materials)

Testamur Title:	Bachelor of Science (Materials)
Abbreviation:	BSc(Mat)
My University:	Science, Metals, Ceramics, Polymers, Physical Chemistry, Crystallography, Materials
Duration:	3 years full-time or part-time equivalent
Total Credit Points:	144
Delivery Mode:	On campus
Starting Session(s):	Autumn or Spring
Location:	Wollongong
UOW Course Code:	1853
CRICOS Code:	073927D

Overview

The objective of the Materials major is to provide the scientific knowledge and technical skills necessary for a successful materials-based career in areas such as quality control and laboratory testing, materials process control and research and development in government and private sector laboratories. It also provides an ideal basis for those who wish to pursue a career in secondary teaching. The core materials subjects involve detailed study of the structure of properties of metals, ceramics and polymers.

Entry Requirements / Assumed Knowledge

Any two units of English plus Mathematics. Recommended studies: HSC Mathematics Ext. 1 plus Chemistry or Physics. Entry is open to students who have gained an Australian Tertiary Admission Rank (ATAR) or equivalent at a level determined by UOW for this calendar year.

Course Requirements

All students must complete the required number of credit points and satisfy all course requirements for the degree – refer to course structures below. The Bachelor of Science (Materials) normally takes three years to complete. All students must take particular notice of the Course Rules regarding minimum rate of progress. The formal contact hours, methods of teaching and learning and forms of assessment vary from subject to subject. Details will be provided to students at the commencement of each subject by the Subject Coordinator. Students should attend all classes including lectures, tutorials and laboratory classes.

Study Options

Electives in second and third years are normally selected to provide a coherent minor in a particular field, eg. Materials, Chemistry, Science and Technology Studies or Engineering. Suggested elective programs are listed below. Students should consult their Course Advisor when choosing elective subjects.

Credit Arrangements

Applicants holding relevant TAFE Diplomas and Advanced Diplomas with a consistently good performance will normally be granted 48 credit points (one year) of credit.

Students are advised to take the maximum number of mathematics and science units available in their TAFE course.

Further Studies Options

Graduates can apply for entry to Honours in Materials or Master of Science – Research.

Career Opportunities

Opportunities exist in teaching, industry, administration, scientific communication and research.

Course Program

Subject		Session	Credit Points
Year 1			
CHEM101	Chemistry 1A	Autumn	6
ENGG153	Engineering Materials	Autumn	6
MATH141	Foundations of Engineering Mathematics	Autumn	6
PHYS141	Fundamentals Physics A	Autumn	6
CHEM102	Chemistry 1B	Spring	6
ENGG154	Engineering Design and Innovation	Spring	6

MATH142	Essentials of Engineering Mathematics	Spring	6
PHYS142	Fundamentals Physics B	Spring	6
Year 2			
MATE201	Structure of Materials	Autumn	6
MATE202	Thermodynamics and Phase Equilibria	Autumn	6
MATE203	Phase Transformations	Spring	6
MATE204	Mechanical Behaviour of Materials	Spring	6
plus	Four electives		18
Year 3			
MATE301	Engineering Alloys	Autumn	6
MATE381	Experimental Methods and Computing	Autumn	6
MATE302	Polymeric Materials	Spring	6
MATE303	Ceramics, Glass and Refractories	Spring	6
plus	four electives		24
Materials Electives			
MATE411	Advanced Materials and Processing	Autumn	6
MATE304	Transport Phenomena in Materials Processing	Spring	6
MATE306	Fracture, Failure and Degradation	Autumn	6
MATE433	Surface Engineering	Not offered 2013	6
MATE412	Electronic Materials	Spring	6
MATE305	Primary Materials Processing	Spring	6
MATE402	Secondary Materials Processing	Autumn	6
MATE413	Structural Characterisation Techniques	Not offered 2013	6
Chemistry Electives			
CHEM211	Inorganic Chemistry II	Autumn	6
CHEM212	Organic Chemistry II	Autumn	6
CHEM314	Instrumental Analysis	Autumn	8
CHEM213	Molecular Structure, Reactivity and Change	Spring	6
CHEM214	Analytical and Environmental Chemistry	Spring	6
CHEM321	Organic Synthesis and Reactivity	Spring	8
Science and Technology Studies Electives			
STS 218	Environment in Crisis		8
STS 288	Science and the Media		8

Other Information

Further information is available at http://coursefinder.uow.edu.au/ or email: engineering@uow.edu.au

Bachelor of Science Advanced (Physics)

Testamur Title:	Bachelor of Science Advanced (Physics)
Abbreviation:	BScAdv(Phy)
My University:	Science, Physics, Advanced
Duration:	Four years full-time or part-time equivalent
Total Credit Points:	192
Delivery Mode:	On campus (Face-to-face)
Starting Session(s):	Autumn/Spring
Location:	Wollongong
UOW Course Code:	757_2
UAC Code:	757602
CRICOS Code:	052463E

Overview

The Advanced Program, designed specifically for high achieving students, offers direct entry into Honours, unlike the normal Bachelor of Science which delays selection for Honours until the completion of the third year.

The Advanced Program offers a greater degree of flexibility in program design; direct entry into some 200- level subjects; the opportunity to undertake individual research subjects at second, third and fourth year level; the opportunity to progress at a faster rate through the use of "fast-tracking" mechanisms; and the chance to participate in various enrichment activities and develop a close association with an appropriate member of one of the Faculty's research teams. In the final year, all students undertake a substantial piece of supervised research in their major discipline, together with other required seminar and/or coursework.

Study programs are structured on an individual basis in consultation with the Discipline Advisor. Students are required to fulfil all the normal Bachelor of Science and Honours requirements and may select their major study program from any of those available from Physics. Students will normally undertake the full major listed below. Substitutions are allowed with the permission of the Physics Discipline Advisor, provided that the program meets the accreditation requirements of the Australian Institute of Physics.

Students must maintain a Weighted Average Mark of 80 to remain in the course.

Entry Requirements/Assumed Knowledge

Entry for 2012 is an ATAR of approximately 95. Assumed knowledge: Any two units of English plus Mathematics. Recommended studies: HSC Mathematics Ext. 1 plus Chemistry or Physics.

Other Information

Further information is available at http://coursefinder.uow.edu.au/ or email: engineering@uow.edu.au

Bachelor of Science Honours (Physics)

Testamur Title:	Bachelor of Science Honours (Physics)
Abbreviation:	BSc(Hons)(Phy)
My University:	Science, Physics, Honours
Duration:	One year full-time or part-time equivalent
Total Credit Points:	48
Delivery Mode:	On campus (Face-to-face)
Starting Session(s):	Autumn/Spring
Location:	Wollongong
UOW Course Code:	1815
CRICOS Code:	031275E

Overview / Course Aims

Students who have fulfilled the requirements of a Bachelor of Science (Physics) and achieved the required academic standard may undertake an Honours degree – a year of research training in the discipline.

The Honours degree provides students with the first real opportunity to undertake research on a topic of their interest. The Honours year is particularly important as it represents a gateway to future research opportunities, both in the form of higher research degrees and as a career in research, or to other vocations that require advanced analytical and research skills.

Entry Requirements

Students may apply to enrol in an Honours degree after meeting the requirements of a 144 credit point Bachelor of Science degree which includes PHYS305, PHYS325, PHYS375, PHYS385, PHYS396 and PHYS335 or PHYS390, normally at the prescribed academic standard. This standard is usually an average of at least credit level for the 300-level subjects in the major study. Admission to Honours is by approval of the Head of the School of Physics and acceptance by an academic supervisor in the discipline.

Students proceeding directly from a three year degree to Honours do not graduate until after they have completed Honours. However, it is possible to graduate with a Pass degree and then decide to undertake Honours at a later date, either at this University or at another university. Graduates from other universities may also apply to undertake Honours at the University of Wollongong.

Course Requirements

To graduate with an Honours degree, candidates undertake a research thesis within their major study discipline, together with any required coursework. The Honours grade will be calculated in accordance with Method 1. For further information refer to General Course Rules.

Subject		Session	Credit Points
PHYS405	Honours in Physics	Annual	48

Other Information

Further information is available at http://coursefinder.uow.edu.au/ or email: engineering@uow.edu.au

Bachelor of Science Education

Testamur Title:	Bachelor of Science Education
Abbreviation:	BScEd
My University:	Science Education, Teaching, Educational theory, educational practice
Duration:	4 years full-time or part-time equivalent
Total Credit Points:	192
Delivery Mode:	On campus
Starting Session(s):	Autumn
Location:	Wollongong
UOW Course Code:	887
UAC Code:	755103
CRICOS Code:	069491F

Overview

The Bachelor of Science Education course provides pre-service educational training for secondary science teachers. The degree focuses on developing teachers who can teach well: who have sound practical teaching skills, knowledge of science to the level of a degree major, and the ability to develop as professional teachers through reflection and action. The degree includes study of science in a range of areas to provide a full science major in a specialisation of the student's choice that can be utilised in both teaching and other community settings. The degree applies an innovative approach to provide students with training in both science and teaching in an integrated fashion.

Students enrolled in this degree will study the following areas:

- Discipline studies in Science
- Teaching & Learning in Science
- Curriculum & Pedagogy
- Foundation Studies in Education

The degree integrates university and classroom experience throughout the course, using on-campus, on-site (schools and elsewhere) and on-line learning environments.

Entry Requirements / Assumed Knowledge

Assumed knowledge: Any two units of English and Mathematics (not General Mathematics). Recommended studies: Four units of science selected from Chemistry, Physics, Biology or Earth and Environment.

Students with a limited background in these subjects are advised to enrol in bridging courses held in February each year.

The NSW Institute of Teachers (NSWIT) requirements for employment as secondary teachers in NSW schools are: minimum Band 4 in English (Advanced), English (Standard) or English as a Second Language. Students who do not satisfy these requirements must successfully complete *EDLL101* in lieu of one elective prior to graduation.

Course Requirements

Professional Experiences

The course involves placement in schools as part of the Professional Experience component. Professional experiences usually occur in Illawarra, Shoalhaven, Southern Highlands and Southern Sydney schools. Opportunities to undertake a practicum experience in Western NSW or in countries such as China, Fiji, Malaysia and Thailand may also be available.

Prohibited Employment Legislation

Under the Child Protection (Prohibited Employment) Act 1998, all students enrolled in this degree are required to complete a Prohibited Employment Declaration before undertaking any professional experience that involves children or young people.

Preservice teachers who participate in internship programs in NSW schools will be required to undergo a Working with Children Check.

Literacy Requirements

To satisfy the outcomes of all professional experiences students will require highly developed written and spoken English literacy skills. Students may be required to complete private tuition or courses in English literacy to develop a level of competency that will enable them to meet professional experience outcomes. These outcomes are required to satisfactorily pass this course.

Course Program

This course offers study in the following teaching areas: Biology, Chemistry, Earth and Environmental Science and Physics. Students are required to select one of these as their first teaching area.

Biology as First Teaching Area

Subjects		Session	Credit Points
Year 1			
EDPD105	Professional Community 1: The Learning Environment	Autumn	6
BIOL104	Evolution, Biodiversity and Environment	Autumn	6
CHEM101	Chemistry 1A: Introductory Physical and General Chemistry	Autumn	6
**Plus, one of the following three 6cp subjects:*			
MATH141	Foundations of Engineering Mathematics	Autumn	6
MATH151	General Mathematics 1A	Autumn	6
MATH187	Mathematics 1: Algebra and Differential Calculus	Autumn	6
EDFE101	Education Foundations I: Learning & Development	Spring	6
BIOL103	Molecules, Cells and Organisms	Spring	6
CHEM102	Chemistry 1B: Structure and Reactivity of Molecules for Life	Spring	6
STAT252	Statistics for the Natural Sciences	Spring	6
Year 2			
EDCM201	Classroom Management Creating Positive Learning Environments	Autumn	6
EDLE301	Learners with Exceptional Needs	Autumn	6
BIOL105	Functional Biology of Animals and Plants	Autumn	6
PHYS141	Fundamentals of Physics A	Autumn	6
EDFE301	Education Foundations 3: Sociology & Cultural Studies	Spring	6
EDPD206	Professional Community 2: Science Teaching	Spring	6
EESC102	Earth Environments and Resources	Spring	6
PHYS142	Fundamentals of Physics B	Spring	6
Year 3			
EDPD306	Professional Community 3: Science Teaching	Autumn	6
BIOL213	Principles of Biochemistry	Autumn	6
BIOL251	Principles of Ecology	Autumn	6
Plus, one of the following three 6cp subjects:			

EESC101	Planet Earth	Autumn	6
BIOL240	Biodiversity of Marine and Freshwater Organisms	Autumn	6
MARE200	Introduction to Oceanography	Autumn	6
EDAE302	Aboriginal Education	Spring	6
BIOL215	Introductory Genetics	Spring	6
BIOL241	Biodiversity of Terrestrial Organisms	Spring	6
Plus, one of the following three 8cp subjects:			
BIOL355	Marine and Terrestrial Ecology	Spring	8
CHEM320	Bioinformatics: From Genome to Structure	Spring	8
MARE300	Fisheries and Aquaculture	Spring	8
Year 4			
EDHP401	Issues in Health and Physical Activity	Autumn	6
Plus, two of the following four 8cp subjects:			
BIOL303	Biotechnology: Applied Cell and Molecular Biology	Autumn	8
BIOL320	Molecular Cell Biology	Autumn	8
BIOL332	Ecological and Evolutionary Physiology	Autumn	8
BIOL351	Conservation Biology: Marine and Terrestrial Populations	Autumn	8
Elective from General Schedule (optional, subject is not required to satisfy minimum credit point requirement for degree)		Autumn	
EDLA402	Understanding Literacy Needs of Adolescents	Spring	6
EDPD405	Critical Approaches to Curriculum and Pedagogy	Spring	6
EDPD406	Professional Community 4: Science Teaching	Spring	12

** Students should seek advice from the Program Director with regard to selection of maths subjects in Year 1.*

Chemistry as First Teaching Area

Subjects		**Session**	**Credit Points**
Year 1			
EDPD105	Professional Community 1: The Learning Environment	Autumn	6
BIOL104	Evolution, Biodiversity and Environment	Autumn	6
CHEM101	Chemistry 1A: Introductory Physical and General Chemistry	Autumn	6
**Plus, one of the following three 6cp subjects:*			
MATH141	Foundations of Engineering Mathematics	Autumn	6
MATH151	General Mathematics 1A	Autumn	6
MATH187	Mathematics 1: Algebra and Differential Calculus	Autumn	6
EDFE101	Education Foundations I: Learning & Development	Spring	6
BIOL103	Molecules, Cells and Organisms	Spring	6
CHEM102	Chemistry 1B: Structure and Reactivity of Molecules for Life	Spring	6
**Plus, one of the following three 6cp subjects:*			
MATH142	Essentials of Engineering Mathematics	Spring	6
MATH188	Mathematics 2: Series and Integral Calculus	Spring	6
STAT252	Statistics for the Natural Sciences	Spring	6
Year 2			
EDCM201	Classroom Management Creating Positive Learning Environments	Autumn	6
EDLE301	Learners with Exceptional Needs	Autumn	6
EESC101	Planet Earth	Autumn	6
PHYS141	Fundamentals of Physics A	Autumn	6
EDFE301	Education Foundations 3: Sociology & Cultural Studies	Spring	6
EDPD206	Professional Community 2: Science Teaching	Spring	6

EESC102	Earth Environments and Resources	Spring	6
PHYS142	Fundamentals of Physics B	Spring	6
Year 3			
EDPD306	Professional Community 3: Science Teaching	Autumn	6
CHEM211	Inorganic Chemistry II	Autumn	6
CHEM212	Organic Chemistry II	Autumn	6
200 level science subject		Autumn	6
EDAE302	Aboriginal Education	Spring	6
CHEM213	Molecular Structure, Reactivity and Change	Spring	6
CHEM214	Analytical Environmental Chemistry	Spring	6
Plus, one of the following two 8cp subjects:			
CHEM320	Bioinformatics: From Genome to Structure	Spring	8
CHEM321	Organic Synthesis and Reactivity	Spring	8
Year 4			
EDHP401	Issues in Health and Physical Activity	Autumn	6
CHEM314	Instrumental Analysis	Autumn	8
CHEM327	Environmental Chemistry	Autumn	8
Elective from General Schedule (optional, subject is not required to satisfy minimum credit point requirement for degree)		Autumn	
EDLA402	Understanding Literacy Needs of Adolescents	Spring	6
EDPD405	Critical Approaches to Curriculum and Pedagogy	Spring	6
EDPD406	Professional Community 4: Science Teaching	Spring	12

** Students should seek advice from the Program Director with regard to selection of maths subjects in Year 1.*

Earth and Environmental Science as First Teaching Area

Subjects		**Session**	**Credit Points**
Year 1			
EDPD105	Professional Community 1: The Learning Environment	Autumn	6
BIOL104	Evolution, Biodiversity and Environment	Autumn	6
CHEM101	Chemistry 1A: Introductory Physical and General Chemistry	Autumn	6
**Plus, one of the following three 6cp subjects:*			
MATH141	Foundations of Engineering Mathematics	Autumn	6
MATH151	General Mathematics 1A	Autumn	6
MATH187	Mathematics 1: Algebra and Differential Calculus	Autumn	6
EDFE101	Education Foundations I: Learning & Development	Spring	6
BIOL103	Molecules, Cells and Organisms	Spring	6
CHEM102	Chemistry 1B: Structure and Reactivity of Molecules for Life	Spring	6
**Plus, one of the following three 6cp subjects:*			
MATH142	Essentials of Engineering Mathematics	Spring	6
MATH188	Mathematics 2: Series and Integral Calculus	Spring	6
STAT252	Statistics for the Natural Sciences	Spring	6
Year 2			
EDCM201	Classroom Management Creating Positive Learning Environments	Autumn	6
EDLE301	Learners with Exceptional Needs	Autumn	6
EESC101	Planet Earth	Autumn	6
PHYS141	Fundamentals of Physics A	Autumn	6
EDFE301	Education Foundations 3: Sociology & Cultural Studies	Spring	6
EDPD206	Professional Community 2: Science Teaching	Spring	6

EESC102	Earth Environments and Resources	Spring	6
PHYS142	Physics B	Spring	6
Year 3			
EDPD306	Professional Community 3: Science Teaching	Autumn	6
EESC203	Biogeography and Environmental Change	Autumn	6
EESC204	Introductory Spatial Science	Autumn	6
200 level EESC subject		Autumn	6
EDAE302	Aboriginal Education	Spring	6
300 level EESC subject		Spring	8
Plus, two of the following three 6cp subjects:			
CHEM214	Analytical Environmental Chemistry	Spring	6
EESC202	Soils, Landscapes and Hydrology	Spring	6
EESC250	Field Geology	Summer	6
Year 4			
EDHP401	Issues in Health and Physical Activity	Autumn	6
Plus, two of the following three 8cp subjects:			
EESC301	Plate Tectonics, Macrotopology and Earth History	Autumn	8
EESC305	Remote Sensing of the Environment	Autumn	8
EESC309	Dung, Death and Decay: Modern Scientific Methods in Archaeology	Autumn	8
Elective from General Schedule (optional, subject is not required to satisfy minimum credit point requirement for degree)		Autumn	
EDLA402	Understanding Literacy Needs of Adolescents	Spring	6
EDPD405	Critical Approaches to Curriculum and Pedagogy	Spring	6
EDPD406	Professional Community 4: Science Teaching	Spring	12

** Students should seek advice from the Program Director with regard to selection of maths subjects in Year 1.*

Physics as First Teaching Area

Subjects		Session	Credit Points
Year 1			
EDPD105	Professional Community 1: The Learning Environment	Autumn	6
BIOL104	Evolution, Biodiversity and Environment	Autumn	6
CHEM101	Chemistry 1A: Introductory Physical and General Chemistry	Autumn	6
MATH187	Mathematics 1: Algebra and Differential Calculus	Autumn	6
EDFE101	Education Foundations I: Learning & Development	Spring	6
CHEM102	Chemistry 1B: Structure and Reactivity of Molecules for Life	Spring	6
MATH188	Mathematics 2: Series and Integral Calculus	Spring	6
Plus, one of the following two 6cp subjects:			
BIOL103	Molecules, Cells and Organisms	Spring	6
EESC102	Earth Environments and Resources	Spring	6
Year 2			
EDCM201	Classroom Management Creating Positive Learning Environments	Autumn	6
EDLE301	Learners with Exceptional Needs	Autumn	6
EESC101	Planet Earth	Autumn	6
PHYS141	Fundamentals of Physics A	Autumn	6
EDFE301	Education Foundations 3: Sociology & Cultural Studies	Spring	6
EDPD206	Professional Community 2: Science Teaching	Spring	6
MATH202	Differential Equations 2	Spring	6

PHYS142	Fundamentals of Physics B	Spring	6
Year 3			
EDPD306	Professional Community 3: Science Teaching	Autumn	6
MATH201	Multivariate and Vector Calculus	Autumn	6
PHYS205	Advanced Modern Physics	Autumn	6
PHYS235	Mechanics & Thermodynamics	Autumn	6
EDAE302	Aboriginal Education	Spring	6
PHYS215	Vibrations, Waves and Optics	Spring	6
PHYS225	Electromagnetism and Optoelectronics	Spring	6
PHYS396	Electronic Materials	Spring	6
Year 4			
EDHP401	Issues in Health and Physical Activity	Autumn	6
PHYS305	Quantum Mechanics	Autumn	6
PHYS325	Electromagnetism	Autumn	6
PHYS356	Physics of Detectors and Imaging	Autumn	6
EDLA402	Understanding Literacy Needs of Adolescents	Spring	6
EDPD405	Critical Approaches to Curriculum and Pedagogy	Spring	6
EDPD406	Professional Community 4: Science Teaching	Spring	12

Professional Recognition

The Bachelor of Science Education is recognised as a teaching credential in most Australian states and territories as well as the UK, Asia and Canada.

Other Information

Further information is available at:

UOW Coursefinder: http://coursefinder.uow.edu.au/

Education email: ssc@uow.edu.au

Bachelor of Science Education (Dean's Scholar)

Testamur Title:	Bachelor of Science Education (Dean's Scholar)
Abbreviation:	BScEd(Dean'sSchol)
My University:	Education, Science Education, Teaching, Educational theory, educational practice
Duration:	4 years full-time or part-time equivalent
Total Credit Points:	192
Delivery Mode:	On campus
Starting Session(s):	Autumn
Location:	Wollongong
UOW Course Code:	1825
UAC Code:	755203
CRICOS Code:	069589G

Overview

This degree provides an enriched educational experience for motivated, high achieving students who are interested in pursuing a career in the field of science education. The purpose of the Dean's Scholar program is to enhance students' professional knowledge and engagement with the research culture of our Faculty, and build partnerships and contribute to the local community. Dean's scholars will benefit from mentoring, text book allowance, extended library privileges, designated study space, and have special opportunities to attend workshops and seminars. This advice is in addition to the Overview given for the Bachelor of Science Education degree.

Entry Requirements / Assumed Knowledge

Selection is based on ATAR and a successful Dean's Scholar application. Applicants must also satisfy the entry requirements for the Bachelor of Science Education.

For further information on the application and selection process refer to: http://www.uow.edu.au/educ/courses/deansscholar/index.html

Students currently enrolled in a degree at UOW may apply to transfer to the Dean's Scholar program provided they have completed 48 credit points of study at 100 level and have achieved a WAM of 85%.

Course Requirements

Dean's Scholars must fulfill the same course requirements as listed for the Bachelor of Science Education.

Other Information

Further information is available at:

UOW Coursefinder: http://coursefinder.uow.edu.au/

Education email: ssc@uow.edu.au

Bachelor of Science Honours

Testamur Title:	Bachelor of Science Honours
Abbreviation:	BSc(Hons)
My University:	Science, Biological Sciences, Chemistry, Environment, Geology, Geosciences, Human Geography, Land and Heritage Management, Physical Geography
Duration:	1 year full-time or part-time equivalent
Total Credit Points:	48
Delivery Mode:	On campus (Flexible)
Starting Session(s):	Autumn or Spring
Location:	Wollongong
UOW Course Code:	741
UAC Code:	N/A
CRICOS Code:	003126F

Overview

Students who have fulfilled the requirements of a Bachelor degree with a major in a discipline offered by the Faculty may apply to undertake an Honours degree by discussion with the Head of School and course coordinator, and by completion of the appropriate application form.

The Honours degree provides students with the first real opportunity to undertake research on a topic of their interest and to integrate their disciplinary skills with project management. The Honours year is particularly important as it represents a gateway to future research opportunities both in the form of higher degrees and as a career in research, or to other vocations that require advanced analytical and research skills. Completion of Honours commonly leads to more rapid advancement in a chosen career.

Entry Requirements / Assumed Knowledge

Admission into Honours is competitive. To be considered for entry into the Bachelor of Science Honours, students will:

1. have qualified for, or be a graduate with, a relevant pass degree from the University of Wollongong, or hold an equivalent qualification from another institution;
2. normally have completed at least 24 credit points of 300-level subjects relating to the Honours discipline;
3. normally have a Weighted Average Mark (WAM) of at least 70% for the 24 credit points of 300-level subjects relating to the Honours discipline;
4. be aware that admission is also subject to an appropriate project being available, and acceptance by an academic supervisor;
5. complete a separate application form for entry to Honours;
6. be recommended by the relevant Head of School; and
7. be approved by the Dean or Associate Dean of the Faculty.

By arrangement with the Schools involved, it is possible to undertake Joint Honours (a research thesis spanning two disciplines).

Course Requirements

To graduate with an Honours degree, candidates undertake a research thesis within their major study discipline, together with any required coursework.

The Bachelor of Science Honours degrees can be taken in the following disciplines:

- Biological Sciences
- Chemistry
- Environment
- Geology
- Geosciences
- Human Geography
- Land and Heritage Management
- Physical Geography

The Honours grade will be calculated in accordance with Method 1defined in the General Course Rules Section 8.

Students enrol in the appropriate 400-level Honours for the particular discipline, as set out below.

Course Program

Subjects		Session	Credit Points
Biological Sciences, Environment (Biological Sciences Strand)			
BIOL401	Biology Honours	Annual	48
or			
BIOL402	Biology Joint Honours	Annual	24
or			
BIOL403	Biology Honours Part 1 for Part-Time Students	Annual	24
and			
BIOL404	Biology Honours Part 2 for Part-Time Students	Annual	24
Chemistry or Environment (Chemistry Strand) Honours			
CHEM401	Chemistry Honours	Annual	48
or			
CHEM405	Chemistry Joint Honours	Annual	24
or			
CHEM402	Chemistry Honours Part 1 for Part-Time students	Annual	24
and			
CHEM403	Chemistry Honours Part 2 for Part-Time students	Annual	24
Environment (Geosciences Strand), Geology, Geosciences, Human Geography, Land and Heritage Management or Physical Geography Honours			
EESC401	Earth and Environmental Science Honours	Annual	48
or			
EESC402	Earth and Environmental Science Joint Honours	Annual	24
or			
EESC404	Earth and Environmental Sciences Honours Part 1 (Part-Time Students)	Annual	24
and			
EESC405	Earth and Environmental Sciences Honours Part 2 (Part-Time Students)	Annual	24

Further Information

Further information is available at http://coursefinder.uow.edu.au/ or email: science-enquiries@uow.edu.au

Bachelor of Science (Materials)

Testamur Title:	Bachelor of Science (Materials)
Abbreviation:	BSc(Mat)
My University:	Science, Metals, Ceramics, Polymers, Physical Chemistry, Crystallography, Materials
Duration:	3 years full-time or part-time equivalent
Total Credit Points:	144
Delivery Mode:	On campus
Starting Session(s):	Autumn or Spring
Location:	Wollongong
UOW Course Code:	1853
CRICOS Code:	073927D

Overview

The objective of the Materials major is to provide the scientific knowledge and technical skills necessary for a successful materials-based career in areas such as quality control and laboratory testing, materials process control and research and development in government and private sector laboratories. It also provides an ideal basis for those who wish to pursue a career in secondary teaching. The core materials subjects involve detailed study of the structure of properties of metals, ceramics and polymers.

Entry Requirements / Assumed Knowledge

Any two units of English plus Mathematics. Recommended studies: HSC Mathematics Ext. 1 plus Chemistry or Physics. Entry is open to students who have gained an Australian Tertiary Admission Rank (ATAR) or equivalent at a level determined by UOW for this calendar year.

Course Requirements

All students must complete the required number of credit points and satisfy all course requirements for the degree – refer to course structures below. The Bachelor of Science (Materials) normally takes three years to complete. All students must take particular notice of the Course Rules regarding minimum rate of progress. The formal contact hours, methods of teaching and learning and forms of assessment vary from subject to subject. Details will be provided to students at the commencement of each subject by the Subject Coordinator. Students should attend all classes including lectures, tutorials and laboratory classes.

Study Options

Electives in second and third years are normally selected to provide a coherent minor in a particular field, eg. Materials, Chemistry, Science and Technology Studies or Engineering. Suggested elective programs are listed below. Students should consult their Course Advisor when choosing elective subjects.

Credit Arrangements

Applicants holding relevant TAFE Diplomas and Advanced Diplomas with a consistently good performance will normally be granted 48 credit points (one year) of credit.

Students are advised to take the maximum number of mathematics and science units available in their TAFE course.

Further Studies Options

Graduates can apply for entry to Honours in Materials or Master of Science – Research.

Career Opportunities

Opportunities exist in teaching, industry, administration, scientific communication and research.

Course Program

Subject		Session	Credit Points
Year 1			
CHEM101	Chemistry 1A	Autumn	6
ENGG153	Engineering Materials	Autumn	6
MATH141	Foundations of Engineering Mathematics	Autumn	6
PHYS141	Fundamentals Physics A	Autumn	6
CHEM102	Chemistry 1B	Spring	6
ENGG154	Engineering Design and Innovation	Spring	6
MATH142	Essentials of Engineering Mathematics	Spring	6
PHYS142	Fundamentals Physics B	Spring	6
Year 2			
MATE201	Structure of Materials	Autumn	6
MATE202	Thermodynamics and Phase Equilibria	Autumn	6
MATE203	Phase Transformations	Spring	6
MATE204	Mechanical Behaviour of Materials	Spring	6
plus	Four electives		18
Year 3			
MATE301	Engineering Alloys	Autumn	6
MATE381	Experimental Methods and Computing	Autumn	6
MATE302	Polymeric Materials	Spring	6
MATE303	Ceramics, Glass and Refractories	Spring	6
plus	four electives		24
Materials Electives			
MATE411	Advanced Materials and Processing	Autumn	6
MATE304	Transport Phenomena in Materials Processing	Spring	6
MATE306	Fracture, Failure and Degradation	Autumn	6
MATE433	Surface Engineering	Not offered 2013	6
MATE412	Electronic Materials	Spring	6
MATE305	Primary Materials Processing	Spring	6
MATE402	Secondary Materials Processing	Autumn	6
MATE413	Structural Characterisation Techniques	Not offered 2013	6
Chemistry Electives			
CHEM211	Inorganic Chemistry II	Autumn	6
CHEM212	Organic Chemistry II	Autumn	6
CHEM314	Instrumental Analysis	Autumn	8
CHEM213	Molecular Structure, Reactivity and Change	Spring	6
CHEM214	Analytical and Environmental Chemistry	Spring	6
CHEM321	Organic Synthesis and Reactivity	Spring	8
Science and Technology Studies Electives			
STS 218	Environment in Crisis		8
STS 288	Science and the Media		8

Other Information

Further information is available at http://coursefinder.uow.edu.au/ or email: engineering@uow.edu.au

Bachelor of Science - Bachelor of Arts

Testamur Title:	Bachelor of Science - Bachelor of Arts
Abbreviation:	BSc-BA
My University:	Science, Biological Sciences, Chemistry, Geology, Geosciences, Human Geography, Physical Geography, Physics, Aboriginal studies, Australian studies, Cultural studies, English Literatures, History, Politics, Philosophy, Sociology, Science and Technology
Duration:	4.5 years full-time or part-time equivalent
Total Credit Points:	216
Delivery Mode:	On campus (Face-to-face)
Starting Session(s):	Autumn or Spring
Location:	Wollongong
UOW Course Code:	747
	747_7 (Physics major only)
UAC Code:	751801
	751803 (Physics major only)
CRICOS Code:	012098G

Overview

This double degree enables students to undertake comprehensive majors in both Science and Arts.

Entry Requirements / Assumed Knowledge

Australian Tertiary Admissions Rank (ATAR) of 80 (or equivalent). The ATAR is reviewed each year.

Assumed Knowledge

Any two units of English plus Mathematics and any two units of science. Students who have not completed Biology and/or Chemistry and/or Physics (for the Physics major) at the HSC are strongly recommended to enrol in bridging courses offered in February each year. Students without at least HSC Mathematics Band 4 (or equivalent) are required to take a Mathematics subject (usually MATH151) in the first year.

Academic Advice

Students must consult advisors from all relevant faculties about selecting majors.

Course Requirements

The required 216 credit points taken over at least 4 years shall include:

1. 90 credit points of subjects from the Bachelor of Science including a major study chosen from Biological Sciences, Chemistry, Geology, Geosciences, Human Geography, Physical Geography or Bachelor of Science (Physics) for Physics.
2. 90 credit points of subjects from the Bachelor of Arts degree, including the subjects prescribed for one of the majors within the degree.
3. not more than 96 credit points for 100-level subjects.

Honours

Students who complete the double degree with the required academic standard in the relevant major are eligible for entry into either Bachelor of Science Honours or Bachelor of Arts Honours.

Further Information

Further information is available at http://coursefinder.uow.edu.au/ or email: science-enquiries@uow.edu.au or engineering@uow.edu.au for the Physics major.

Bachelor of Science - Bachelor of Commerce

Testamur Title:	Bachelor of Science - Bachelor of Commerce
Abbreviation:	BSc-BCom
My University:	Science, Biological Sciences, Chemistry, Geology, Geosciences, Human Geography and Physical Geography, Accountancy, Business Innovation, Business Law, Economics, Finance, Financial Planning, Human Resource Management, International Business, International Economics, Management, Marketing, Public Relations, Quantitative Analysis in Economics, Supply Chain Management
Duration:	4.5 years full-time or part-time equivalent
Total Credit Points:	216
Delivery Mode:	On campus (Face-to-face)
Starting Session(s):	Autumn or Spring
Location:	Wollongong
UOW Course Code:	747_6
UAC Code:	751802
CRICOS Code:	028399G

Overview

This double degree enables students to undertake comprehensive majors in both disciplines.

Entry Requirements

Australian Tertiary Admissions Rank (ATAR) of 80 (or equivalent). The ATAR is reviewed each year.

Assumed Knowledge

Any two units of English plus Mathematics and any two units of Science. Students who have not completed Biology and/or Chemistry at the HSC are strongly recommended to enrol in bridging courses offered in February each year. Students without at least HSC Mathematics Band 4 (or equivalent) are required to take a Mathematics subject (usually MATH151) in the first year.

Course Requirements

Students must consult academic advisers from all relevant faculties regarding the selection of majors.

The double degree consists of a minimum of 216 credit points taken over at least four years and shall include:

1. 90 credit points of subjects from the Science Schedule (including a minimum of 60 credit points for a Science major: Biological Sciences, Chemistry, Geology, Geosciences, Human Geography, Physical Geography);
2. for the Bachelor of Commerce component, students must complete 54 credit points of core subjects (including the capstone subject), plus a 48 credit point major;
3. subjects from the General Schedule to ensure that a minimum of 216 credit points have been completed.

Note: Students may be given exemption from a subject when similar subjects exist in both majors selected, e.g. Statistics.

Honours

Students who complete the double degree with the required academic standard in the relevant major are eligible for either Bachelor of Science Honours or Bachelor of Commerce Honours.

Further Information

Further information is available at http://coursefinder.uow.edu.au/ or email: science-enquiries@uow.edu.au

Bachelor of Science - Bachelor of Commerce

Testamur Title:	Bachelor of Science - Bachelor of Commerce (Psychology)
Abbreviation:	BSc-BCom
My University:	Psychology, International Studies, Accountancy, Business Innovation, Business Law, Economics, Finance, Financial Planning, Human Resource Management, International Business, International Economics, Management, Marketing, Public Relations, Quantitative Analysis in Economics, Supply Chain Management
Duration:	4.5 years full-time or part-time equivalent
Total Credit Points:	216*
Delivery Mode:	On-campus
Starting Session(s):	Autumn
Location:	Wollongong
UOW Course Code:	747_3
UAC Code:	751814
CRICOS Code:	031409G

** This is a minimum figure and the total credit points actually required may be higher, depending on requirements for the Commerce major chosen.*

Overview

Bachelor of Science (Psychology) - Bachelor of Commerce double degree provides opportunities for students to combine their interest in psychology with business or commerce.

Entry Requirements / Assumed Knowledge

Domestic school leavers are assumed to have completed at least 2 units of English at HSC level. English (Advanced) is recommended.

International students are required to have achieved an overall IELTS score of 6.5, with a minimum level of 6.0 in all bands of reading and writing, speaking and listening.

Alternative pathways exist for mature age domestic students.

Course Requirements

The Bachelor of Science (Psychology) - Bachelor of Commerce requires the successful completion of a minimum of 216 credit points in accordance with the details below:

a) 72 credit points of Psychology subjects in accordance with table below

b) 18 credit points of subjects from the Health & Behavioural Sciences or Science Schedule

c) For the Bachelor of Commerce component, students must complete 48 credit points of core subjects (including the capstone subject), plus a 48 credit point major

d) 30 credit points of subjects, either as specified in order to fulfil a heavily prescribed major OR as electives chosen from Commerce, Health & Behavioural Sciences, Science or General Schedule.

Note that students in the double degree are not required to take COMM121 Statistics for Business, which is normally a common core subject for students in the Bachelor of Commerce single degree. PSYC123 Theory, Design and Statistics in Psychology meets the requirement for a first year statistics subject and remains as a core requirement for the double degree. Students must apply for credit for COMM121 from the relevant Sub Dean to be formally recognised as having met this requirement for the Bachelor of Commerce.

Students intending to undertake a Commerce major in Financial Planning should note that it may take more than five years to complete the degree due to the heavily prescribed structure of this major. Students are advised to contact the relevant Sub-Dean prior to deciding to undertake the major in Financial Planning.

Subject Code	Subject Name	Session	Credit Points
Year 1			
PSYC121	Foundations of Psychology A	Autumn	6
PSYC122	Foundations of Psychology B	Spring	6
PSYC123	Theory, Design and Statistics in Psychology	Spring	6
ACCY111	Accounting Fundamentals in Society*	Autumn or Spring	6
COMM101	Principles of Responsible Commerce*	Autumn or Spring	6
ECON101	Macroeconomic Essentials for Business*	Autumn or Spring	6
FIN111	Introductory Principles of Finance*	Autumn or Spring	6
MGMT110	Introduction to Management*	Autumn or Spring	6
Year 2			
PSYC234	Biological Psychology and Learning	Autumn	6
PSYC241	Developmental and Social Psychology	Spring	6
PSYC250	Quantitative Methods in Psychology	Autumn	6
PSYC236	Cognition and Perception	Spring	6
PSYC231	Personality	Spring	6
MARK101	Marketing Principles*	Autumn or Spring	6
Choose one of the four following core subjects in accordance with requirements for the Commerce major chosen :			
MGMT102	Business Communications*	Autumn or Spring	6
ECON111	Introductory Microeconomics*	Autumn or Spring	6
ACCY112	Accounting in Organisations*	Spring	6
COMM113	Business Oriented Information Systems*	Spring	6
6cp of Commerce subjects in accordance with the requirements for the Commerce major chosen		Autumn or Spring	6
Year 3			
PSYC347	Assessment and Intervention	Autumn	8
Choose one of the following four capstone subjects:			
COMM331	Simulation of a Socially Innovative Enterprise	Autumn or Spring	6
COMM333	Applied Business Research for Social Innovation	Autumn	6
COMM332	Start up Plan of a Socially Innovative Business	Spring	6
COMM334	Intercultural Applications of Socially Innovative Commerce	Autumn	6
16cp of Psychology elective subjects at 300-level (refer to the BSc(Psychology) single degree for subject choices)		Autumn or Spring	16
12cp of Commerce subjects in accordance with the requirements for the Commerce major chosen		Autumn or Spring	12
Year 4			
30cp of Commerce subjects as required for the Commerce major chosen		Autumn or Spring	30
18cp of elective subjects chosen from Health & Behavioural Sciences or Science		Spring	18
Year 5			
24cp of subjects, either as specified in order to fulfil a heavily prescribed major OR as electives chosen from Commerce, Health & Behavioural Sciences or Science		Autumn	24

** These subjects form the common core subjects for the Bachelor of Commerce. They do not need to be taken in the order specified above; however students should seek academic advice when deciding how to sequence their core subjects.*

Honours

Honours in Psychology is a fourth year of study accredited by the Australian Psychology Accreditation Council (APAC). It is offered on a one year full-time or two year part-time basis. Psychology Honours is a route to the Postgraduate coursework or research degrees in Psychology. It is also a partial qualification for registration as a Psychologist with the Psychology Board of Australia, a post-degree supervision period also being required. Graduates of the University of Wollongong with a major in Psychology are eligible to apply for admission to Psychology Honours provided that: they have completed an undergraduate degree curriculum with a major in psychology; they have completed PSYC249 Applied Psychology, PSYC348 History and Metatheory of Psychology and PSYC354 Design and Analysis; they have completed at least 76 credit points of Psychology subjects at 200- and 300- levels; they have at least a credit average for Psychology subjects at 200- and 300-levels. For the purposes of assessing eligibility for entry to the Honours program, the School uses the weighted average mark (WAM) of the best 11 subjects from successfully completed 200- and 300- level Psychology subjects, including PSYC354 Design and Analysis and PSYC348 History and Metatheory in Psychology (or their equivalent).

Students interested in pursuing Honours in Commerce should consult the relevant Faculty for further information.

Contact Information

Psychology

For further information please contact your Course Advisor at http://www.uow.edu.au/health/hbs_central/UOW024550.html

Commerce

+61 2 4221 4478

commerce-enquiries@uow.edu.au

Other Information

Other information is available at http://coursefinder.uow.edu.au/

Bachelor of Science - Bachelor of Laws

Testamur Title:	Bachelor of Science - Bachelor of Laws
Abbreviation:	BSc-LLB
My University:	Law, Science, Biological Sciences, Chemistry, Geology, Geosciences, Human Geography and Physical Geography, Conservation Biology, Environment, Land and Heritage Management, Medical Biotechnology, Medicinal Chemistry and Nanotechnology
Duration:	5 years full-time or part-time equivalent
Total Credit Points:	270*
Delivery Mode:	On-campus
Starting Session(s):	Autumn
Location:	Wollongong
UOW Course Code:	775
UAC Code:	751207
CRICOS Code:	006872C (Science)

** This is a minimum figure and may vary depending on the major.*

Overview

Students commencing University study directly from school may enrol in a double degree course with the Bachelor of Laws. Study in another academic discipline allows students to recognise how law functions in social, economic, technical, environmental and scientific contexts. The Bachelor of Science – Bachelor of Laws degree provides opportunities for students to combine their knowledge of law with scientific disciplines in addressing issues such as environmental planning, or those arising from the introduction of new technology.

For the first year of the double degree, students enrol in subjects as prescribed in the table below. The first year of the LLB must be completed full-time, except where approval is given on equity grounds. In the following four years of the degree, students enrol in subjects from the Law and Science schedules.

Entry Requirements / Assumed Knowledge

For the Bachelor of Laws:

Assumed knowledge: Any two units of English. Recommended Studies: English Advanced.

For the Bachelor of Science:

Refer to relevant Faculty for entry requirements.

Credit Transfer

Students may apply for credit transfer for relevant subjects completed at approved tertiary institutions. Refer to http://www.uow.edu.au/about/policy/UOW058649.html

Course Requirements

Students who enrol in the Bachelor of Science - Bachelor of Laws, must complete each of the following:

a) all compulsory Law subjects as set out in the relevant Course Program;

b) elective subjects to the value of 40 credit points from the Bachelor of Laws Elective Law Schedule; and

c) subjects to the value of at least 90 credit points, including a major study, selected from the Bachelor of Science Course Program or a prescribed Environmental Science program of study having a value of 92 credit points.

Note: No more than 48 credit points shall be of 100-level subjects.

Honours

To be eligible for the award of Bachelor of Laws Honours, a candidate must complete the elective LLB313 Legal Research Project as part of the above Course Requirements. The Honours grade will be calculated in accordance with Method 4. Refer to the University's General Course Rules (8.37), for information on the methods of calculating Honours.

As an alternative to the WAM-based Honours system, eligible students may complete an additional year of study towards the award of a Bachelor of Laws Honours by Research degree or the Bachelor of Laws Joint Honours by Research degree.

In order to be eligible for the Bachelor of Laws Honours by Research degree (an 'end-on' full year honours), students must have completed all LLB degree requirements with a WAM calculated by Method 4 of 70% or more. To be eligible for the award of Bachelor of Laws Honours by Research, a candidate must complete LLB448 Research Honours in Law in addition to the above Course Requirements. The Honours grade will be calculated in accordance with Method 1. Refer to the University's General Course Rules (8.37), for information on the methods of calculating Honours. See the Bachelor of Laws Honours by Research degree entry for further details.

In order to be eligible for the Bachelor of Laws Joint Honours by Research degree (an 'end-on' full year honours), students must have completed all requirements for their double degree with a WAM calculated by Method 4 in the University's General Course Rules (8.37) of 70% or more* in their LLB subjects and overall in order to be eligible to apply. Entry must be approved by the Associate Dean, in consultation with the LLB Honours Coordinator and the relevant authority in the other discipline. The Associate Dean shall not approve entry into this course unless the LLB Honours Coordinator and the relevant authority in the other discipline have agreed, in consultation with the student, on the program of study that will form the basis of the course curriculum for the degree. See the Bachelor of Laws Joint Honours by Research degree for further details.

** The other faculty may specify other minimum entry requirements.*

Course Program

Subjects (by year)		Session	Credit Points
First Year			
LLB 100	Foundations of Law A	Autumn	8
LLB 110	Legal Research and Writing	Autumn	4
LLB 120	Law of Contract A	Autumn	8
LLB 130	Criminal Law and Process A	Autumn	8
LLB 150	Communication Skills	Autumn	2
LLB 140	Advocacy Skills	Spring	2
LLB 160	Foundations of Law B	Spring	8
LLB 170	Law of Contracts B	Spring	8
LLB 180	Criminal Law and Process B	Spring	8
LLB 197	Lawyers and Australian Society	Spring	6
Second Year			
LLB 220	Property and Trusts A	Autumn	8
LLB 230	Public Law A	Autumn	8
Subjects from Science or Health & Behavioural Sciences schedule		Autumn	
LLB 270	Property and Trusts B	Spring	8
LLB 280	Public Law B	Spring	8
Subjects from Science or Health & Behavioural Sciences schedule		Spring	
Third Year			
LLB 240	Law of Torts	Autumn	8
LLB 260	Dispute Management Skills	Autumn	2
Subjects from Science or Health & Behavioural Sciences schedule		Autumn	
LLB 250	Drafting Skills	Spring	2
LLB 290	Legal Theory	Spring	8
LLB 397	Legal Internship	Autumn/Spring	2
Subjects from Science or Health & Behavioural Sciences schedule		Spring	
Fourth Year			
LLB 300	Remedies and Procedure	Autumn	8
LLB 302	Law of Business Organisations	Autumn	8

Subjects from Science or Health & Behavioural Sciences schedule		Autumn	
LLB 301	Evidence	Spring	8
2 LLB Electives		Spring	16
Subjects from Science or Health & Behavioural Sciences schedule		Spring	
Fifth Year			
2 LLB Electives		Autumn	16
Subjects from Science or Health & Behavioural Sciences schedule		Autumn	
1 LLB Elective		Spring	8
Subjects from Science or Health & Behavioural Sciences schedule		Spring	

Majors

Majors are NOT available in the Bachelor of Laws course. Refer to the Science Schedules for majors.

Electives

Students must successfully complete elective subjects to the value of 40 credit points from the Bachelor of Laws Elective Law Schedule – see Bachelor of Laws (Graduate Entry)

Other Information

Further information is available at http://coursefinder.uow.edu.au/ or email: Law: law-enquiries@uow.edu.au; Science: science_office@uow.edu.au

Bachelor of Science (Psychology) - Bachelor of Laws

Testamur Title:	Bachelor of Science (Psychology) - Bachelor of Laws
Abbreviation:	BSc-LLB
My University:	Law, Psychology, Physical Science, Science
Duration:	5 years full-time or part-time equivalent
Total Credit Points:	282
Delivery Mode:	On-campus
Starting Session(s):	Autumn
Location:	Wollongong
UOW Course Code:	775_2
UAC Code:	751207
CRICOS Code:	029274B

Overview

Students commencing University study directly from school may enrol in a double degree course with the Bachelor of Laws. Study in another academic discipline allows students to recognise how law functions in social, economic, technical, environmental and scientific contexts. The Bachelor of Science (Psychology) – Bachelor of Laws degree provides opportunities for students to combine their interest in law with behavioural sciences.

For the first year of the double degree, students enrol in subjects prescribed in the table listed below. The first year of the LLB must be completed full time, except where approval is given on equity grounds. In the following four years of the degree, students enrol in subjects from the Law, Health & Behavioural Sciences and Science schedules.

Entry Requirements / Assumed Knowledge

Domestic school leavers are assumed to have completed at least 2 units of English at HSC level. English (Advanced) is recommended.

Course Requirements

Students who enrol in the Bachelor of Science (Psychology) - Bachelor of Laws must complete each of the following:

a) All compulsory Law subjects in accordance with the table below;

b) 40 credit points from the Bachelor of Laws Elective Law Schedule;

c) 72 credit points of Psychology subjects in accordance with table below

d) 18 credit points of elective subjects from the Health & Behavioural Sciences or Science Schedule

Subject Code	Subject Name	Session	Credit Points
Year 1			
LLB 100	Foundations of Law A	Autumn	8
LLB 110	Legal Research and Writing	Autumn	4
LLB 120	Law of Contract A	Autumn	8
LLB 130	Criminal Law and Process A	Autumn	8
LLB 150	Communication Skills	Autumn	2
LLB 140	Advocacy Skills	Spring	2
LLB 160	Foundations of Law B	Spring	8
LLB 170	Law of Contracts B	Spring	8
LLB 180	Criminal Law and Process B	Spring	8
LLB 197	Lawyers and Australian Society	Spring	6
Year 2			
LLB 220	Property and Trusts A	Autumn	8
LLB 230	Public Law A	Autumn	8
PSYC121	Foundations of Psychology A	Autumn	6
Elective subject from the HBS or Science schedule		Autumn	6
LLB 270	Property and Trusts B	Spring	8
LLB 280	Public Law B	Spring	8
PSYC122	Foundations of Psychology B	Spring	6
PSYC123	Theory Design and Statistics in Psychology	Spring	6
Year 3			
LLB 240	Law of Torts	Autumn	8
LLB 260	Dispute Management Skills	Autumn	2
PSYC234	Biological Psychology and Learning	Autumn	6
PYSC241	Developmental and Social Psychology	Spring	6
PSYC250	Quantitative Methods in Psychology	Autumn	6
LLB 250	Drafting Skills	Spring	2
LLB 290	Legal Theory	Spring	8
LLB 397	Legal Internship	Autumn/Spring	2
PSYC231	Personality	Spring	6
PSYC236	Cognition and Perception	Spring	6
Year 4			
LLB 300	Remedies and Procedure	Autumn	8
LLB 302	Law of Business Organisations	Autumn	8
PSYC347	Assessment and Intervention	Autumn	8
LLB 301	Evidence	Spring	8
2 LLB Electives		Spring	16
Year 5			
2 LLB Electives		Autumn	16
300-Level PSYC subject as per BSc(Psyc) single degree		Autumn	8
1 LLB Elective		Spring	8
300-Level PSYC subject as per BSc(Psyc) single degree		Spring	8
Elective subject from the HBS or Science schedule		Spring	12

Majors

Majors are NOT available in the Bachelor of Laws course. The only major currently available in the Bachelor of Science/Bachelor of Laws double degree is Psychology

Electives

Students must successfully complete elective subjects to the value of 40 credit points from the Bachelor of Laws Elective Law Schedule – see Bachelor of Laws (Graduate Entry).

Honours

To be eligible for the award of Bachelor of Laws Honours, a candidate must complete the elective LLB313 Legal Research Project as part of the above Course Requirements. The Honours grade will be calculated in accordance with Method 4. Refer to the General Course Rules (8.37) for information on the methods of calculating Honours.

As an alternative to the WAM-based Honours system, eligible students may complete an additional year of study towards the award of a Bachelor of Laws Honours by Research degree or the Bachelor of Laws Joint Honours by Research degree.

In order to be eligible for the Bachelor of Laws Honours by Research degree (an 'end-on' full year honours), students must have completed all LLB degree requirements with a WAM calculated by Method 4 of 70% or more. To be eligible for the award of Bachelor of Laws Honours by Research, a candidate must complete LLB448 Research Honours in Law in addition to the above Course Requirements. The Honours grade will be calculated in accordance with Method 1. Refer to the General Course Rules (8.37) for information on the methods of calculating Honours. See the Bachelor of Laws Honours by Research degree entry for further details.

In order to be eligible for the Bachelor of Laws Joint Honours by Research degree (an 'end-on' full year honours), students must have completed all requirements for their double degree with a WAM calculated by Method 4 in the University's General Course Rules (8.37) of 70% or more* in their LLB subjects and overall in order to be eligible to apply. Entry must be approved by the Associate Dean, in consultation with the LLB Honours Coordinator and the relevant authority in the other discipline. The Associate Dean shall not approve entry into this course unless the LLB Honours Coordinator and the relevant authority in the other discipline have agreed, in consultation with the student, on the program of study that will form the basis of the course curriculum for the degree. See the Bachelor of Laws Joint Honours by Research degree for further details.

Honours in Psychology is a fourth year of study accredited by the Australian Psychology Accreditation Council (APAC). It is offered on a one year full-time or two year part-time basis. Psychology Honours is a route to the Postgraduate coursework or research degrees in Psychology. It is also a partial qualification for registration as a Psychologist with the Psychology Board of Australia, a post-degree supervision period also being required. Graduates of the University of Wollongong with a major in Psychology are eligible to apply for admission to Psychology Honours provided that: they have completed an undergraduate degree curriculum with a major in psychology; they have completed PSYC251 Psychology of Abnormality, PSYC348 History and Metatheory of Psychology and PSYC354 Design and Analysis; they have completed at least 76 credit points of Psychology subjects at 200 and 300 levels; they have at least a credit average for Psychology subjects at 200- and 300- levels. For the purposes of assessing eligibility for entry to the Honours program, the School uses the weighted average mark (WAM) of the best 11 subjects from successfully completed 200- and 300- level Psychology subjects, including PSYC354 Design and Analysis and PSYC348 History and Metatheory in Psychology (or their equivalent).

Contact Information

Psychology

For further information please contact your Course Advisor at http://www.uow.edu.au/health/hbs_central/UOW024550.html

Law

For further information please contact your Course Advisor at

law-enquiries@uow.edu.au

Other Information

Other information is available at http://coursefinder.uow.edu.au/

Bachelor of Science (Physics) – Bachelor of Mathematics

Testamur Title:	Bachelor of Science (Physics) – Bachelor of Mathematics
Abbreviation:	BSc(Physics)-BMath
My University:	Mathematics, Applied Statistics, Industrial Mathematics, Mathematical Analysis, Applied Mathematics, Pure Mathematics, Statistics, Physics, Materials, Nuclear Science, Photonics
Duration:	4 years full-time or part-time equivalent
Total Credit Points:	216
Delivery Mode:	On campus (Face-to-face)
Starting Session(s):	Autumn/Spring
Location:	Wollongong
UOW Course Code:	792
UAC Code:	751805
CRICOS Code:	048495J

Overview

This double degree provides students with a deeper understanding of the complementary areas of mathematics and physics. As well as making them eligible for employment in areas requiring qualifications in both mathematics and physics, this will particularly equip students for work in areas where they will undertake mathematical modelling of physical systems.

Entry Requirements/Assumed Knowledge

The approximate ATAR entry requirement for the Bachelor of Science (Physics) – Bachelor of Mathematics is 90. Assumed knowledge: any two units of English plus Mathematics. Recommended studies: Mathematics Ext. 1 plus Chemistry Physics. For International students the English language entry criteria will be as indicated on the University Website: www.uow.edu.au/future/interantional/apply/english/index.html.

Course Requirements

All students must complete the required number of credit points and satisfy all course requirements for the Bachelor of Science (Physics) degree and the Bachelor of Mathematics. Refer to course structures below.

All students must take particular notice of the Course Rules regarding minimum rate of progress.

The formal contact hours, methods of teaching and learning and forms of assessment vary from subject to subject. Details will be provided to students at the commencement of each subject by the Subject Coordinator. Students should attend all classes including lectures, tutorials and laboratory classes.

Course Program

Subject		Session	Credit Points
Year 1			
MATH187	Mathematics 1: Algebra and Differential Calculus	Autumn	6
PHYS141	Fundamentals of Physics A	Autumn	6
MATH111	Applied Mathematical Modelling 1	Spring	6
MATH121	Discrete Mathematics	Spring	6
MATH188	Mathematics 2: Series and Integral Calculus	Spring	6
PHYS142	Fundamentals of Physics B	Spring	6
PHYS295	Astronomy - Concepts of the Modern Universe	Spring	6
Plus	2 electives		12
Year 2			
MATH201	Multivariate and Vector Calculus	Autumn	6
MATH203	Linear Algebra	Autumn	6
PHYS205	Advanced Modern Physics	Autumn	6
STAT131	Understanding Variation and Uncertainty	Autumn	6
MATH202	Differential Equations 2	Spring	6
MATH204	Complex Variables and Group Theory	Spring	6
MATH212	Applied Mathematical Modelling 2	Spring	6

PHYS215	Vibrations, Waves and Optics	Spring	6
PHYS225	Electromagnetism and Optoelectronics	Spring	6
Year 3			
CSCI114	Procedural Programming	Autumn/Spring	6
MATH222	Continuous Mathematics	Autumn	6
PHYS235	Mechanics and Thermodynamics	Autumn	6
PHYS305	Quantum Mechanics	Autumn	6
STAT231	Probability and Random Variables	Autumn	6
MATH302	Differential Equations 3	Autumn	6
MATH305	Partial Differential Equations	Spring	6
MATH313	Industrial Mathematical Modelling	Spring	6
or			
STAT232	Estimation and Hypothesis Testing	Spring	6
PHYS375	Nuclear Physics	Spring	6
Year 4			
MATH312	Applied Mathematical Modelling 3	Autumn	6
or			
STAT333	Statistical Inference and Multivariate Analysis	Spring	6
MATH323	Topology and Chaos	Spring	6
or			
STAT335	Sample Surveys and Experimental Design	Autumn	6
PHYS325	Electromagnetism	Autumn	6
PHYS356	Physics of Detectors and Imaging	Autumn	6
PHYS396	Electronic Materials	Autumn	6
2 x	300 level Mathematics subjects	Spring	12
or			
STAT304	Applied Probability and Financial Risk	Autumn	6
and			
STAT332	Multiple Regression and Time Series	Spring	6
PHYS385	Statistical Mechanics	Spring	6
PHYS390	Astrophysics	Offered Autumn even years	6
or			
PHYS335	Classical Mechanics	Offered Autumn odd years	6

Honours

Students with a good academic record are encouraged to proceed to an Honours year. An additional year of study providing training in independent research in either discipline would be required.

Further Studies Options

Graduates can apply for entry to Honours in Physics, then Master of Science – Research or PhD.

Career Opportunities

Opportunities exist in teaching, administration, scientific communication, computing, and research.

Other Information

Further information is available at http://coursefinder.uow.edu.au/ or email: engineering@uow.edu.au or informatics_studenq@uow.edu.au

Bridging Program for Enrolled Nurses

Testamur Title:	N/A
Abbreviation:	N/A
My University:	Nursing
Duration:	3-12 weeks depending on entry qualifications
Total Credit Points:	0
Delivery Mode:	On-campus at UOW and TAFE Shellharbour
Starting Session(s):	Summer Session 2013 (January – February) and Spring Session 2013 (August – November)
Location:	Wollongong
UOW Course Code:	963
UAC Code:	N/A
CRICOS Code:	N/A

Overview

This course is designed to provide Enrolled Nurses with a pathway into the Bachelor of Nursing at the University of Wollongong (UOW). It has been developed jointly by the School of Nursing, Midwifery & Indigenous Health at UOW and the New South Wales Technical and Further Education Commission (NSW TAFE) Shellharbour Campus.

The NSW TAFE curriculum for Enrolled Nurses was mapped against the Bachelor of Nursing curriculum at UOW. As a result of the mapping exercise, subjects were developed to cover the gaps in knowledge, skills and attitudes between an Enrolled Nurse with a TAFE qualification and an undergraduate student who has completed Year 1 in the Bachelor of Nursing at the University of Wollongong.

Students will undertake one of three options depending on their entry qualifications. Two of the three options require students to be co-enrolled at both institutions.

The nursing competencies that underpin the course are those specified by the Australian Nursing and Midwifery Council (ANMC). The aim of the course is to update the levels of knowledge, skills and attitudes necessary to facilitate entry into Year 2 of the Bachelor of Nursing at UOW. Specifically, the course aims to:

- explore problem/critical thinking in relation to nursing practice;
- develop previous knowledge that underpins nursing practice;
- enable the transition to the Bachelor of Nursing programme.

Students entering the Bridging Program have met the Legislative Enrolled Nurses ANMC Competencies.

Applying for Entry

Students with certificate qualifications will be required to co-enrol at both TAFE and the University of Wollongong in order to complete the Bridging Program for Enrolled Nurses. An information day is organised by TAFE Shellharbour each year and application forms for both TAFE and UOW are available at this time. Please contact TAFE Shellharbour for further details.

Students with diploma qualifications enrol at the University of Wollongong only and must apply directly to the University. Please contact UniAdvice for details on how to apply.

Enrolled Nurses

Entry Requirements / Assumed Knowledge

Students must be registered as an Enrolled Nurse with the Nursing and Midwifery Board of Australia. Students must have completed TAFE Course 4357 Certificate IV in Nursing (Enrolled Nurse), TAFE Course 0314 Certificate IV in Nursing (Enrolled Nurse), or equivalent, and must also be accepted by TAFE into TAFE Course 9921 Course in Nursing (Bridging for Enrolled Nurses; 12 weeks). At the same time, students must be approved for entry into Course Code 963 Bridging Program for Enrolled Nurses at UOW. All applicants must submit an Undergraduate Coursework Application Form to UOW.

Course Requirements

For Enrolled Nurses, the Bridging Program for Enrolled Nurses requires the successful completion of Course 9921 Enrolled Nursing Bridging at TAFE as well as the corresponding subject at UOW in accordance with the table below.

Subject Code	Subject Name	Session	Duration
NMIH100	Foundation Studies III	NMIH Bridge (Spring Session 2013)	12 weeks

Endorsed Enrolled Nurses

Entry Requirements / Assumed Knowledge

Students must be registered as an Enrolled Nurse with the Nursing and Midwifery Board of Australia. In addition, students must have completed TAFE Course 3262 Certificate IV in Nursing (Enrolled/Division 2 Nursing) or equivalent, and be accepted into TAFE Course 3039 Enrolled Nurses Bridging (8 weeks). At the same time, students must be approved for entry into Course Code 963 Bridging Program for Enrolled Nurses at UOW. All applicants must submit an Undergraduate Coursework Application Form to UOW.

Course Requirements

For Endorsed Enrolled Nurses, the Bridging Program for Enrolled Nurses requires the successful completion of Course 3039 Enrolled Nurses Bridging at TAFE as well as the corresponding subject at UOW in accordance with the table below.

Subject Code	Subject Name	Session	Duration
NMIH110	Professional Nursing Studies	NMIH Bridge (Spring Session 2013)	8 weeks

Diploma Qualified Enrolled Nurses

Entry Requirements / Assumed Knowledge

Students must be registered as an Enrolled Nurse with the Nursing and Midwifery Board of Australia. In addition, students must have completed TAFE Course 4393 Diploma in Nursing (Enrolled/Division 2 Nursing), or equivalent.

Diploma qualified Enrolled Nurses are not required to complete further studies at TAFE. Students must be approved for entry into Course Code 963 Bridging Program for Enrolled Nurses at UOW.

All applicants must submit an Undergraduate Coursework Application Form directly to UniAdvice at the University.

Course Requirements

For Diploma qualified Enrolled Nurses, the Bridging Program for Enrolled Nurses requires the successful completion of a subject at UOW in accordance with the table below.

Subject Code	Subject Name	Session	Duration
NMIH120	Concepts in Nursing	NMIH Bridge (Summer Session 2013) NMIH Bridge (Spring Session 2013)	3 weeks

Credit Towards UOW Courses

Upon successful completion of all components of the Bridging Program for Enrolled Nurses, students may enter into Year 2 of the Bachelor of Nursing at the University of Wollongong.

Contact Information

For further information please contact your Course Advisor at http://www.uow.edu.au/health/hbs_central/UOW024550.html

UniAdvice

1300 367 869

uniadvice@uow.edu.au

http://www.uow.edu.au/future/index.html

NSW TAFE Shellharbour Campus

+61 2 4295 2200 (main switch)

Diploma in Languages

Testamur Title:	Diploma in Languages
Abbreviation:	DipinLang
My University:	Asia Pacific Studies, European Studies, French, Italian, Japanese, Mandarin, Spanish
Duration:	Students are required to complete 6 or 7 sequential language subjects over a minimum of 6 semesters depending on level of entry. Please refer to the specific language in the handbook for subjects and session availability.
Total Credit Points:	48cp
Delivery Mode:	On campus
Starting Session(s):	Autumn; Spring only after consultation
Location:	Wollongong
UOW Course Code:	1002
UAC Code:	N/A
CRICOS Code:	N/A

Overview

The Diploma in Languages allows students from any Faculty in the University to study a language to prepare them to work in a multicultural and globalised economy. Students can study Chinese (Mandarin), French, Italian, Japanese or Spanish. In-country study or study abroad can be included in the award. The Diploma is generally studied concurrently with a Bachelor degree. For example, a student enrolled in Engineering would study three Engineering subjects and one language subject each semester. At the completion of their studies at the University of Wollongong they will graduate with two awards, their Bachelor degree and the Diploma in Languages.

Languages can be studied from beginners' level to advanced. Students with HSC qualifications (or equivalent) in a language will normally commence their studies at 200 level in the language that they wish to study. Students with native speaker competency will normally commence their studies at 300 level, while native speaker students of Chinese (Mandarin) will normally enrol in the Chinese (Mandarin) for character background students. Students who are unsure of the level of competency should consult the Convenor of the language they wish to study.

The Diploma can be taken as a stand-alone award by members of the community.

Entry Requirements / Assumed Knowledge

- Secondary Qualifications: NSW HSC or equivalent qualifications or direct entry.
- Tertiary Qualifications: Applications will be considered from students with the following tertiary qualifications:
- A completed Diploma or Advanced Diploma from TAFE or other accredited institutions;
- Not less that one-sixth of a Bachelor degree from an approved university;
- Other tertiary courses approved by the University of Wollongong.

Overseas Qualifications

Students with tertiary qualifications obtained overseas will be considered, provided that they satisfy University's minimum admission requirements. This course is only available to Australian residents.

Alternative Entry (Domestic applicants)

Applicants who achieve an appropriate score in one of the following qualifications may be considered for admission:

- Overseas Year 12, equivalent to Year 12 in Australia.
- TAFE Tertiary Preparation Certificate (TPC).
- A Diploma or Foundation Studies Program from a recognised private institution.
- University Access Program (Wollongong College Australia) - for people over 21 years of age, or are 21 during the course of the program.
- Special Tertiary Admissions Test (STAT) for people over 20 years of age on 1 March in the year preceding enrolment.
- Aboriginal and Torres Strait islander alternative entry program

Course Requirements

To qualify for the award of the Diploma in Languages (course code 1002) a student must complete a total of at least 48 credit points from subjects listed for Chinese (Mandarin) or French or Italian or Japanese or Spanish.

Students will complete a minimum of six subjects. These subjects will predominantly be language acquisition subjects and may include study abroad as part of an exchange or study abroad program. Other subjects may be

included with the permission of the relevant language program convenor and the Director of the Language Centre. Students entering at 100-level may include one culture subject, students entering at 200-level may include two culture subjects and students entering at 300-level may include up to 4 culture subjects.

Subjects can be counted only in one degree, that is subjects counted towards the Diploma cannot be counted towards another degree. Students who complete the Diploma will not receive a testamur or attend a graduation ceremony specifically for the Diploma. However, when students do the Diploma concurrently with a Bachelors Degree course, they will have the Diploma listed in their Bachelors degree subject transcript upon graduating.

Course Program

Students intending to complete the Diploma in Languages should consult the relevant language major located under the Bachelor of Arts section further on in this handbook. All language subjects and session availability are listed under the each language major.

Other Information

Further information is available at http://coursefinder.uow.edu.au/ or email: Arts - fac-arts@uow.edu.au

International Bachelor of Science

Testamur Title:	International Bachelor of Science
Abbreviation:	IntBSc
My University:	Science, International, Biological Sciences, Chemistry, Geography, Physical Geography, Human Geography, Geology, Geosciences
Duration:	4 years full-time or part-time equivalent
Total Credit Points:	192
Delivery Mode:	Face-to-face
Starting Session(s):	Autumn
Location:	Wollongong
UOW Course Code:	848
UAC Code:	757600
CRICOS Code:	072610M

Overview

The International Bachelor of Science is an internationally unique four-year degree offered in conjunction with the University of Colorado in the USA and Dublin City University in Ireland. The degree offers strong discipline-based training in a selected science major, integrated with a technological application of science and its social context, and a strong international perspective. Students complete a major research project at Honours level, and undertake at least one semester of overseas study at either of the partner universities. The flexible structure of the major, two minors, and electives allows students to design their study program to meet their particular interests and abilities.

Entry Requirements / Assumed Knowledge

Australian Tertiary Admission Rank (ATAR) of 95 (or equivalent). The ATAR is reviewed each year. In addition to applying through UAC, you must submit an application form to the Faculty. Applications can be obtained from our UniAdvice office (call 1300 367 869) and will close at the end of September. Late applications may be accepted at the discretion of the Faculty. Entry into this highly competitive program will be based on your Faculty application, interview and UAI.

Assumed Knowledge:

Mathematics and any two units of Science. Students who have not completed Biology and/or Chemistry at the HSC are strongly recommended to enrol in bridging courses offered in February each year.

Course Requirements

Students who have not completed HSC Mathematics at Band 4 or higher (or equivalent) are required to complete a mathematics subject (MATH151 or equivalent) normally in the first year unless completing the Human Geography major.

Students may only count 60 credit points of 100-level subjects towards the degree.

Students must complete a minimum of 32 credit points of 300-level subjects.

Students must have a grade of Pass (not Pass Supplementary) or higher in at least 24 credit points of 300-level core subjects which form part of a Science major.

Science Major

Students must choose one major, consisting of at least 60 credit points, from the following disciplines: Biological Sciences, Chemistry, Geology, Geosciences, Human Geography and Physical Geography. Information regarding these majors is listed under the Bachelor of Science Course Information.

Technology Minor

The Technology Minor consists of 30 credit points of approved technology subjects selected in consultation with the Degree Coordinator.

Social Science Minor

The Social Sciences Minor consists of 24 credit points of approved subjects with an international emphasis selected in consultation with the Degree Coordinator.

Note: When selecting subjects for the Technology and Social Sciences minors, students must adhere to the requirement that no more than 60 credit points of 100-level subjects can count towards their degree programs.

Global Science Study

The Global Science Study component consists of SCIE102, a 6 credit point subject coordinated by the University of Wollongong, SCIE202, a 6 credit point remote-delivery subject at 200-level coordinated by the University of Colorado (Boulder), and SCIE402, a 12 credit point remote-delivery subject at 400-level coordinated by Dublin City University.

Balance of Program

The balance of up to 30 credit points (to a degree total of 192) may be chosen from either the Science Schedule or General Schedule. Some of these credit points may be required to complete prerequisite subjects related to the Science major (e.g. Mathematics requirements, or 100-level Chemistry and STAT252 for a Biological Sciences major).

Study Abroad

Students will be required to complete at least 24 credit points of the degree at one of the partner institutions (University of Colorado (Boulder) or Dublin City University). It is suggested that students complete the study abroad component in either their 2nd or 3rd year of study.

Honours Research Project

Students will also complete a 24 credit point Honours Research Project in their chosen discipline.

Progression Requirements

To maintain a place in an Advanced degree, students are normally required to achieve a Weighted Average Mark (WAM) of at least 75%. The performance of each student will be reviewed initially by the Associate Dean after the completion of 72 credit points. Students not meeting the minimum progression requirements will be required to transfer into the Bachelor of Science degree.

Course Program

Subjects		Session	Credit Points
Suggested First Year			
SCIE102	International Perspectives in Science	Autumn	6
Plus two 100-level subjects towards an approved Major			12
Plus additional subjects towards the Technology Minor, Social Sciences Minor and/or the balance			30
Suggested Second Year			
SCIE202	Bioethical Challenges: A Global Perspective	Autumn	6
Plus four 200-level subjects towards an approved Major			24
Plus additional subjects towards the Technology Minor, Social Sciences Minor and/or the balance			18
Suggested Third Year			

Three subjects towards an approved Major			24
Plus additional subjects towards the Technology Minor, Social Sciences Minor and/or the balance			24
Suggested Fourth Year			
SCIE401	International Bachelor of Science Honours Project	Annual	24
SCIE402	Research Frontiers in Science	Annual	12
Plus additional subjects towards the Technology Minor, Social Sciences Minor and/or the balance			12
Total for major			192

Honours

To qualify for the award of International Bachelor of Science Honours a candidate must satisfy the Honours rules under Section 8 of the General Course Rules. The Honours grade will be calculated in accordance with Method 1.

Further Information

Further information is available at http://coursefinder.uow.edu.au/ or email: science-enquiries@uow.edu.au

SUBJECT DESCRIPTIONS

ACCY100 Accounting IA

Not on offer in 2013
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions: ACCY111
Subject Description: This subject is an introduction to the processes of accounting and financial management and is concerned with money, records of money, calculations of income and wealth; financial decision making; the information that can be provided by an accounting system as a basis for decision making and the techniques of processing such information.

ACCY102 Accounting IB

Not on offer in 2013
Credit Points: 6
Pre-requisites: ACCY111 OR ACCY100
Co-requisite: None
Exclusions: ACCY112
Subject Description: Accounting 1B builds on the understanding of accounting developed in Accounting 1A. It examines financial measures of business activities and the systems that enable the measures to be recorded and then reported and communicated to the various stakeholders of entities, such as owners (including partners and shareholders), providers of credit (lenders and creditors), management as well as other interested parties.

ACCY111 Accounting Fundamentals In Society

Autumn	Batemans Bay	On Campus
Autumn	Bega	On Campus
Autumn	Shoalhaven	On Campus

Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions: ACCY100
Subject Description: This subject introduces the role of accounting information in society including its social and ethical aspects relating to both the individual and the organisation. The subject introduces basic accounting language, concepts and techniques to identify, classify, process, record and present accounting and financial information. The subject also considers accounting information that can be used for making decisions about past and future economic events in a variety of business and social settings.

ACCY112 Accounting In Organisations

Autumn	Wollongong	On Campus
Spring	Batemans Bay	On Campus
Spring	Bega	On Campus

Credit Points: 6
Pre-requisites: ACCY111 or ACCY100
Co-requisite: None
Exclusions: ACCY102
Subject Description: The subject advances understanding of accounting in organisations. The subject introduces accounting for complex equity structures, and develops the theoretical and technical aspects of accounting for assets and the protection of assets through internal controls. Accounting for the past and future is examined through the introduction of cost structures and their application in solving fundamental business problems using cost-volume profit analysis. The application of budgets is explored.

ACCY200 Financial Accounting IIA

Autumn	Batemans Bay	On Campus
Autumn	Bega	On Campus
Autumn	Shoalhaven	On Campus

Credit Points: 6
Pre-requisites: ACCY112 or ACCY102
Co-requisite: None
Exclusions: Not To Count with ACCY202 or ACCY292
Subject Description: ACCY200 builds on the knowledge and skills students have acquired in both ACCY111 and ACCY112 (or their equivalent subjects). The subject contains several distinct but inter-related strands, and begins with an exploration of concepts necessary to understand the framework established in Australia for financial reporting. A technical strand of knowledge needed to prepare financial reports under the Australian Corporations Act and Australian International Financial Reporting Standards is explored. This subject also covers a contextual strand of knowledge, highlighting the environment in which financial reporting takes place, and introduces a theoretical strand of knowledge and skills necessary to critique, at an introductory level, current financial reporting practices and developments.

ACCY201 Financial Accounting IIB

Spring	Batemans Bay	On Campus
Spring	Bega	On Campus
Spring	Shoalhaven	On Campus

Credit Points: 6
Pre-requisites: ACCY202 or ACCY200
Co-requisite: None
Exclusions:
Subject Description: ACCY201 builds on the knowledge and skills students have acquired in ACCY200. As with ACCY200, the subject contains a number of distinct but inter-related strands. First, there is a technical strand incorporating the application of specific accounting standards and regulatory provisions to the preparation of financial reports, with particular emphasis on consolidated accounts. Secondly, there is a contextual strand highlighting the national and international environment in which financial reporting takes place by reference to media sources and selected documents. Thirdly, there is a theoretical strand, wherein students will be given the opportunity to further develop the ability to critique by applying an alternative perspective on accounting to a current social issue. The theoretical strand will specifically link the technical and contextual strands by considering accounting as both socially constructed and socially constructing.

ACCY211 Management Accounting II

Autumn	Batemans Bay	On Campus
Autumn	Bega	On Campus
Autumn	Shoalhaven	On Campus

Credit Points: 6
Pre-requisites: ACCY112 or ACCY102
Co-requisite: None
Exclusions: ACCY212
Subject Description: This subject deals with design, production and use of accounting data for planning and control of business operations. It introduces basic management accounting processes, tools and techniques for effective use of organisational resources to create value for customers and the organisation. The major topics in this subject include product cost analysis using traditional and

modern methods, profit planning and control measures, and relevant costs for decision analysis.

ACCY228 Taxation for Financial Planners

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: FIN251 or FIN252
Co-requisite: None
Exclusions:
Subject Description: This subject provides an overview of the taxation implications of financial planning strategies applicable to personal economic phases throughout life. It includes an examination of individual annual tax obligations, capital gains events, tax effective structures, redundancy and superannuation. The subject develops an understanding of strategies that minimise exposure to income tax and other taxes. Special tax planning topics are introduced relevant to the contemporary financial planning marketplace.

ACCY231 Information Systems in Accounting

Spring Batemans Bay On Campus
Spring Bega On Campus
Spring Shoalhaven On Campus
Credit Points: 6
Pre-requisites: ACCY112 or ACCY102
Co-requisite: None
Exclusions:
Subject Description: This subject introduces students to contemporary information and communication technological developments, such as: mobile and wireless technologies, crowd sourcing, social media, cloud computing, robotics and nanotechnology, so as to understand their accounting implications and to measure their business value to their future clients. A critical examination of the socio-economic, poltical and ethical dimensions of how these technologies, create (or deplete) value in private, public and not for profit corporations - would enable students to appreciate the long-term implications of these technological developments in the e-transformation of the role of government, business and markets.

ACCY303 Selected Issues in Accounting A

Not on offer in 2013
Credit Points: 6
Pre-requisites: ACCY201 or ACCY202 and ACCY211
Co-requisite: None
Exclusions:
Subject Description: This subject covers selected issues in external reporting, including issues in international accounting and comparative accounting standards.

ACCY304 Social and Environmental Accounting

Not on offer in 2013
Credit Points: 6
Pre-requisites: 72 cp from BCom degree
Co-requisite: None
Exclusions:
Subject Description: This subject provides a detailed introduction to social and environmental accounting. The issues are placed in a global context, allowing an examination of the philosophical, technical and regulatory development of social and environmental accounting. Topics will include: Accountability frameworks, corporate social and environmental responsibility, financial and management accounting responses to social and environmental issues, analysis of environment, social and environmental audit, and ethical investment.

ACCY305 Financial Accounting III

Autumn Batemans Bay On Campus
Autumn Bega On Campus
Autumn Shoalhaven On Campus
Credit Points: 6
Pre-requisites: ACCY201
Co-requisite: None
Exclusions:
Subject Description: The aim of this subject is to help prepare students as future leaders in the accounting profession, with an understanding of accounting, financial reporting and the profession in a broad context. This subject offers a critical evaluation of advanced aspects of financial accounting and reporting with particular reference to developments in accounting theory, professional standards, and accounting practice. This subject explores financial accounting in its organisational, social, cultural, economic and political contexts.

ACCY312 Management Accounting III

Spring Batemans Bay On Campus
Spring Bega On Campus
Spring Shoalhaven On Campus
Credit Points: 6
Pre-requisites: ACCY211
Co-requisite: None
Exclusions:
Subject Description: This subject provides an advanced treatment of management accounting theory and its relationship to decision theory, including model building and use, cost prediction, pricing decisions, and the behavioural dimensions of management accounting.

ACCY313 Selected Issues in Accounting B

Not on offer in 2013
Credit Points: 6
Pre-requisites: ACCY201 or ACCY202 and ACCY211
Co-requisite: None
Exclusions:
Subject Description: This subject covers selected issues in management accounting, including international management accounting.

ACCY328 International Taxation

Not on offer in 2013
Credit Points: 6
Pre-requisites: ACCY201
Co-requisite: None
Exclusions:
Subject Description: This subject covers cross border transactions with respect to the taxes the entity may incur as they trade and how these have an impact on the pricing of products. International taxation as it applies to the individual and a company are explored as well as its impact on their income and other trading activities. This subject also takes a comparative perspective of a number of issues confronting both companies and individuals who transact across national borders. Comparisons of taxation between countries such as Australia, UAE, UK and the USA will be examined.

ACCY342 Auditing and Assurance Services

Autumn Batemans Bay On Campus
Autumn Bega On Campus
Autumn Shoalhaven On Campus
Credit Points: 6
Pre-requisites: ACCY201
Co-requisite: None
Exclusions:
Subject Description: This subject examines the contemporary risk and assurance approach to external financial report auditing, the audit planning processes; the assessment of audit risk; the collection and evaluation of audit evidence and the audit reporting process. The subject also develops an understanding of the legal environment in which the auditor works and focuses on the requirements of financial statement audit under the Corporations Law.

ACCY343 Forensic Examination and Advanced Assurance Services

Not on offer in 2013
Credit Points: 6
Pre-requisites: FIN221 or FIN222 and ACCY342
Co-requisite: None
Exclusions:
Subject Description: This subject provides an introduction to forensic examination and advanced assurance services for commercial and not-for-profit entities. The subject content will deal with the nature and extent of fraud in Australia, detection of fraud, error or organisational weakness through an examination of financial and non-financial data, as well as introductory laws of evidence and expert witness report preparation. Students will be introduced to the nature of forensics and its role in the regulatory framework as well as within the legal and ethical framework of corporate governance.

ACCY368 Insolvencies

Not on offer in 2013
Credit Points: 6
Pre-requisites: ACCY200 or ACCY202
Co-requisite: None
Exclusions:
Subject Description: This subject examines the accounting and legal aspects of corporate and non-corporate insolvencies including liquidations & receiverships, alteration of capital, reconstruction, amalgamation and takeovers, and the use of insolvency procedures as a management strategy.

ACCY401 Honours Research in Accounting

Annual Wollongong On Campus
Autumn Wollongong On Campus
Spring Wollongong On Campus
Credit Points: 24
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: This subject is for students doing honours in the Accounting discipline. The research topic must be approved by the Associate Head of School (Accounting) and the research supervisor.

ACCY404 Financial Accounting

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: ITAC301
Co-requisite: None
Exclusions:
Subject Description: This subject covers an in-depth study of the historical development of accounting including the basis of external financial reporting, asset valuation and periodic profit measurement. The subject also includes a study of the elements of financial accounting and their communication in accounting reports.

ACCY406 Theoretical Constructions of Accounting and Finance

Autumn Wollongong Flexible
Spring Wollongong Flexible
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: This subject critically analyses theory formation of accounting. The key conceptual issues and on-going controversies in accounting are examined, highlighting the broader implications of accounting theory and practice on society.

ACCY407 Empirical Research Methods

Autumn Wollongong Flexible
Spring Wollongong Flexible
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: The subject provides an overview of the ways accounting and finance researchers identify, formulate and investigate empirical questions in accounting and finance. The theoretical and methodological assumptions of a range of quantitative and qualitative research methods will be studied.

ACCY413 Management Accounting

Not on offer in 2013
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: This subject deals with the conceptual basis of management accounting. This includes an examination of traditional and alternative concepts and approaches shaping organisational and behavioural aspects of management accounting. Topics covered include the traditional and contemporary cost management concepts (such as activity based costing) and how they are applied in selected industries. The subject also covers contemporary management control systems and performance measurement concepts (such as balance score card) and its application. This subject also considers the use of alternative cost reduction programs such as total life-cycle costing, target costing, Kaizen costing and environmental costing in management control systems.

ACCY414 Management Planning and Control Systems

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: This subject presents an in-depth analysis of selected aspects of the design and evaluation of management accounting, planning and control systems in both the profit and not-for-profit sectors.

ACCY418 Applied Management Accounting

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: ACCY418 examines traditional and innovative techniques used by management accountants to accumulate, analyse and use accounting and other quantitative information to aid management in planning, control and decision-making within business organisations. A primary concern is the ability of, and need for, management accounting to adapt to the rapidly changing global business environment to ensure that management has the decision tools to be effective.

ACCY436 Management and Information Systems

Autumn Wollongong On Campus
Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: This subject provides an introduction to the effective use and control of management information systems, particularly accounting information systems, and the likely impact of developments in this area on management functions and how managers carry out those functions.

ACCY444 Issues in Auditing

Not on offer in 2013
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: This subject provides an in-depth examination of contemporary topics in auditing with emphasis on controversial and theoretical issues, including social and ethical issues, the role of quantitative techniques in the audit function, the continuous auditing concept, uncertainty reporting, audit performance evaluation, as well as the extension of attest function and public sector auditing.

ACCY468 Insolvencies

Not on offer in 2013
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: This subject deals with accounting and legal aspects of corporate and non-corporate insolvencies including bankruptcies, liquidations, receivership, alteration of capital, reconstruction, amalgamation and takeovers.

ACCY474 Accounting Regulation

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: This subject presents an in-depth study of the regulation of accounting and financial reporting. This includes an examination of theories of regulation, internationalisation of accounting, participants in the regulatory process, regulation of the accounting profession and the broader context of accounting regulation.

ACCY485 Special Topic in Accounting-A

Autumn Wollongong On Campus
Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: This subject is a special topic to be selected from any area of financial accounting, management accounting, business finance, information systems or government accounting. The selection would be made by the Associate Head of School, taking into account the expertise of academic staff, including visiting staff, and the interest of students.

ACCY486 Special Topic in Accounting-B

Not on offer in 2013
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: This subject is a special topic to be selected from any area of financial accounting, management accounting, business finance, information systems or government accounting. The selection would be made by the Associate Head of School, taking into account the expertise of academic staff, including visiting staff, and the interest of students.

ACCY493 Research Essay

Not on offer in 2013
Credit Points: 12
Pre-requisites: ITAC301
Co-requisite: None
Exclusions:
Subject Description: This subject is an individual program determined in consultation with the Associate Head of School (Accounting).

ACCY495 Research Essay

Not on offer in 2013
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: This subject is an individual program determined in consultation with the Associate Head of School (Accounting).

ARAB101 Introduction to Arabic Language and Culture

Not on offer in 2013
Credit Points: 3
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: Arabic 101 is an introductory subject in reading, writing, listening and speaking Arabic for students with no previous knowledge of the language. This course is designed to introduce students to Modern Standard Arabic at the beginner level using a methodology that combines aspects of the communicative and functional/situation approach with grammar instruction. It is designed to give students founding in the skills they need to understand and use Arabic in a range of texts.

ARTS001 Belonging In The Community

In2Uni Arts Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: Issues such as 'belonging' and 'community' have become matters of critical public debate in recent times. ARTS001 is about introducing Year 11 students to new ideas and new ways of thinking about the relationship between belonging and community. It is a short course - 4 weeks - with a variety of texts, media and speakers to challenge and engage students. This subject looks at how and why community engagement has become an important social issue. It also examines those processes that could lead to community empowerment. It uses case studies to interrogate these issues as well as prominent public figures that can provide a diverse range of analyses of engagement and empowerment. It is designed to get students to ask their own questions about their communities, to engage with divers forms of evidence and materials and to produce their own individual research projects.

ARTS006 Doing Business in the Arab and Islamic World

Not on offer in 2013
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: The Middle East carries many stereotypes and myths. To effectively conduct business in this region, it is essential to learn about areas such as business culture, business etiquette, meeting protocol and negotiation techniques. This subject explores management practices and cultural traditions in the context of conducting business in the Middle East. Business culture in the Arabic world and etiquette techniques among Muslims will be addressed and debated. The subject aims to give students an understanding of the customs and traditions of the Arab world in the context of the region's history and religion, and their impact on economy and business today. Also, the subject examines the social background and political changes of the region that are leading to growing business opportunities.

ARTS015 Introduction to University Life

Not on offer in 2013
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions: ARTS001
Subject Description: The subject is designed to help students in the transition between secondary and tertiary education and prepare them for university life. It aims to ensure students? success at university by helping them to acquire the necessary life skills, and by encouraging them ultimately to become independent learners. This may entail a completely different approach to learning than many students have been familiar with in their secondary education. However, this subject is specifically designed to facilitate the transition. A key element in this endeavour is a willingness on the part of students to take responsibility for their own learning and to strive consistently to improve their work. The emphasis is on establishing good study habits which will serve students throughout their academic life. Students are expected to keep up to date with news and current affairs by regularly reading reputable English language newspapers and magazines as well as watching news and current affairs programs on television. The subject is designed to: 1. Teach and practise the skills necessary for students to produce satisfactory work in appropriate styles of writing; 2. Teach and practise the academic reading skills necessary for effective reading and appraisal of academic texts; 3. Teach and practise ways to make the most of university lectures; 4. Teach and practise the academic reading skills necessary for paraphrasing, note-taking and summarising; 5. Teach and practise critical evaluation of information; 6. Demonstrate how to undertake research using the library and its resources; 7. Teach and practise time management strategies; and 8. Inform students about plagiarism and how to avoid it.

ARTS017 Islamic Culture

Not on offer in 2013
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: This subject aims to provide an introduction to Islam not only as a religious belief for Muslims, but also as an ideology that has affected people's lives in Islamic societies during the course of history of Islam. Furthermore, this subject is designed to familiarize students with Islamic teaching, culture and traditions, and for students to gain an understanding of the main aspects of Islam as a way of life. The subject is designed to: (i) develop an understanding of the history of Islam, (ii) develop an understanding of Islamic beliefs, traditions, teaching and culture, (iii) raise students' awareness of the ways in which Islamic principles affect Muslims' daily life, and (iv) allow comparison between religions and their ideologies and beliefs.

ARTS025 Literary Skills

Not on offer in 2013
Credit Points: 6
Pre-requisites: ARTS015
Co-requisite: None
Exclusions: ARTS002
Subject Description: This subject concentrates on the literary skills critical to university success. The subject content is largely focused on developing research skills,

analysing and presenting data, and writing university level reports. Students will also engage in an original primary research project which will culminate in a formal oral presentation. This subject gives students the necessary skills needed to engage in independent research and produce quality written and oral academic presentations. The subject is designed to ensure students academic success by helping them to become independent learners. A key element in this endeavour is a willingness on the part of the students to take responsibility for their own learning and to strive consistently to improve their work. Students are expected to keep up to date with news and current affairs by regularly reading reputable English language newspapers and magazines as well as watching news and current affairs programs on television. The subject is designed to: (i) teach and practise the different genres of academic writing; (ii) teach and practise critical evaluation of information; (iii) teach and practise data analysis in written form; (iv) teach and practice report writing; and (v) demonstrate ways of managing study time.

ARTS035 Introduction to Philosophy

Not on offer in 2013
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: This subject focuses on critical thinking, independent research, and appropriate oral presentation of a reasoned and informed argument. It is vital to a successful university life that students develop their own informed opinions on a range of subjects. The ideal medium to develop an appropriate approach to the art of reasoning is via a study of philosophy. An awareness of the major thrusts of philosophy from the principal regions of the world will provide students with the foundations, framework and confidence to be able to express their opinions articulately, knowledgably and logically. This subject gives them the skills and the opportunity to do this, both individually and as part of a team. It also develops their critical evaluation of research material and allows them to make judgements on published sources. The subject is designed to ensure students' academic success by helping them to become independent thinkers and learners. A key element in this endeavour is a willingness on the part of the students to take responsibility for their own learning and to strive consistently to improve their work. In the interest of nurturing a continuing interest in the world around them, students are expected to keep up to date with news and current affairs by regularly reading reputable English language newspapers and magazines as well as watching news and current affairs programs on television. The subject is designed to: (i) help students appreciate the foundations of human intellectual endeavour and integrate some of these into their own reasoning, (ii) teach and practise the speaking skills necessary for giving and taking part in presentations, (iii) teach and practise critical evaluation of information, (iv) teach and practise debating skills and techniques, and (v) demonstrate ways of managing study time.

ARTS100 Faculty of Arts Peer-to-Peer Mentoring Program

Autumn	Wollongong	On Campus
Spring	Wollongong	On Campus

Credit Points: 0
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: The Peer-2-Peer Mentoring Program brings together groups of Bachelor of Arts students in small tutorial-size groups with the aim of helping the students to form riendships and learn about their journey through the Faculty of Arts. Each session is led by an experienced and trained Arts student who has excelled academically and displayed strong leadership potential. The sessions provide an opportunity for new students to engage with their peers, collectively share their experiences and learn from successful students nearing the end of their undergraduate studies.

ARTS201 Regional Australian Society & Environment : A Field Study

Autumn	Wollongong	On Campus
Spring	Wollongong	On Campus

Credit Points: 8
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: The subject will consist of an orientation session and a period of intensive study, field work and a summary session at the end of the subject. Orientation and the period of intensive study will introduce students to Australian society, its history, culture and major contemporary issues. During this period, students will identify and begin preliminary research for a project that will be augmented by work in the field. They will also keep a reflective journal on issues raised by the subject.

ARTS202 International Studies

Autumn	Wollongong	On Campus
Spring	Wollongong	On Campus

Credit Points: 8
Pre-requisites: 36 credit points plus permission of Director, International Studies.
Co-requisite: None
Exclusions:
Subject Description: This subject offers students the opportunity to study in situ in another country. The subject consists of a series of lectures and seminars, which may include an intensive language component, introducing students to the issues that will form the focus of study whilst overseas. The nature of these will vary according to the countries chosen and the disciplinary nature of the study abroad project. During their time overseas students will keep a reflective journal and on return will complete a major research project.

ARTS280 Community Power and the Common Good

Autumn	Wollongong	On Campus

Credit Points: 8
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: ARTS280 explores community engagement and community empowerment through focused work on topics such as social justice, power, equality and inequality, ethical public behaviour, theories of community building and the introduction of formal structures such as the Independent Commission Against Corruption.

ARTS301 Arts Internship

Autumn	Wollongong	On Campus
Spring	Batemans Bay	On Campus
Spring	Bega	On Campus

Credit Points: 8
Pre-requisites: 96 credits points and selection interview with careers service professional & subject coordinator
Co-requisite: None
Exclusions:
Subject Description: Arts Internship is a subject that crosses boundaries between theory and practice. At the end of your degree this is an opportunity to reflect upon and develop strategies for using your knowledge and skills developed through studies in Arts in the world of work and in the pursuit of your goals in your career and in life. Students will critically examine: the discourses and skills learned in the Faculty of Arts, their personal learning of these discourses and skills, the discourses and skills of the 'world of work'. They will develop understanding of these discourses and skills and their learning of them by undertaking an Internship in a community or business environment. Placement in the Internship is facilitated by the University after negotiation with the student. The Internship is of 48 hours duration completed in addition to class contact time. Reflective learning activities and the Internship are integral in the University assessment of student outcomes in the subject. Students are encouraged to embark on understandings of the relevance of their studies to their post University endeavours.

ARTS421 Joint Honours (Arts and other Faculties)

Autumn	Wollongong	On Campus
Spring	Wollongong	On Campus

Credit Points: 12
Pre-requisites: Arts requirements are a Major from the Faculty of Arts with at least 75% average and including two Distinctions at 300 level.
Co-requisite: None
Exclusions:
Subject Description: This subject provides the means for students to take Joint Honours between Arts and another Faculty in the University. Subject content and the division in terms of the thesis and coursework components of the course will be decided by negotiation between the relevant Faculty Honours co-ordinators. NOTE: This subject is intended only for students enrolling in Honours on a full-time basis.

ARTS470 Research in the Social Sciences and Humanities

Autumn	Wollongong	On Campus
Spring	Batemans Bay	On Campus
Spring	Bega	On Campus

Credit Points: 12
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: This subject takes students through key aspects of becoming a researcher and producing high-quality, well informed and effective research. The subject investigates the processes of researching and writing a thesis, by examining: the nature and origins of disciplinary and interdisciplinary knowledge; the varieties of ways of thinking and arguing; the role of research methods and theories in research; effective writing and other communication skills; and the connection between academic research and the wider community. The subject also develops thesis projects, and provides high level technical, data-collecting and information skills. The subject is team-taught by academics from across the Faculty.

ARTS480 Thesis

Autumn	Wollongong	On Campus
Spring	Wollongong	On Campus

Credit Points: 24
Pre-requisites: None
Co-requisite: None
Exclusions: ARTS481
Subject Description: An Honours thesis normally requires the development and writing of a research thesis under the supervision and guidance of academics at the University of Wollongong. A research topic is selected with the assistance of academics in the area of study that comprises your Major. The objective of the thesis is to enhance research skills, experience the development and structuring of an extended argument, and to communicate the research results to a wider audience. The objective, length and mode of presentation of a thesis varies according to disciplinary conventions and other variables. Normally in the Arts Faculty, a thesis is 15000 words. The Honours thesis is marked by two examiners.

ARTS482 24cp Thesis (part-time component)

Autumn	Wollongong	On Campus
Spring	Wollongong	On Campus

Credit Points: 12
Pre-requisites: None
Co-requisite: None
Exclusions: ARTS 480
Subject Description: An Honours thesis normally requires the development and writing of a research thesis under the supervision and guidance of academics at the University of Wollongong. A research topic is selected with the assistance of academics in the area of study that comprises your Major. The objective of the thesis is to enhance research skills, experience the development and structuring of an extended argument, and to communicate the research results to a wider audience. The objective, length and mode of presentation of a thesis varies according to disciplinary conventions and other variables. Normally in the Arts Faculty, a thesis is 15000 words. The Honours thesis is marked by two examiners.

AUST101 Australian Studies: Cultures and Identities

Autumn	Batemans Bay	On Campus
Autumn	Bega	On Campus
Autumn	Shoalhaven	On Campus

Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: This subject introduces students to some of the important issues and academic debates about identities in Australia. It explores some of the principal features that characterise images of Australia, Australians and the Australian continent. It approaches the subject from an historical and cultural perspective and asks what 'being Australian' has meant to different people at different

times, both for the social groups and individuals who have shaped dominant notions of national identity and those who have challenged them. What did it mean, for example, to Indigenous people, to women, to immigrants? The subject also critically examines expressions of Australian identity through some of its national rites and rituals such as Australia Day, Anzac Day, tourism, and the beach.

AUST102 Locating Australia

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: Where is Australia? Is it in Asia? Or is it an extension of Europe as part of the former British Empire? Is it a satellite of the USA? Or is it a part of the Pacific? What about the Tasman World? Or the Southern Ocean and Antarctica? This subject locates Australia and Australian history in a regional and global context. It asks: how does thinking 'transnationally' contribute to our understanding of a nation's development? AUST102 takes students beyond national borders to critically explore the ways in which a vast network of economic, political and cultural relationships have helped create Australia.

AUST350 Debates in Australian Cultural History

Autumn Wollongong On Campus
Credit Points: 8
Pre-requisites: 24 credit points at 200 level
Co-requisite: None
Exclusions: HIST380 or HIST350
Subject Description: This subject focuses on the ways that contested versions of Australia's past have animated public debates in recent years. It explores the new theoretical approaches to history-making and the new areas of historical research that have emerged in the last half of the twentieth century. The subject highlights the ways that past events are never fully fixed in historical narratives, but are revisited as each generation returns to the past with different questions, based on their own experiences and concerns. It considers debates between Australian historians, sometimes dubbed the 'History Wars', and how they have been expressed within political life and cultural institutions. Topics covered will include debates about the size and composition of the Australian population; the extent of frontier violence; visions of Australian landscape; the emergence of identity politics; museum practice; patriotism; and who is authorised to tell the national story.

BCM 110 Introduction to Communication and Media Studies

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions: CCS 195, CCS 105 and BCM 100
Subject Description: This foundation subject introduces students to ways of understanding media and communication practices, institutions and technologies. The subject takes an interdisciplinary approach to understanding how producers and consumers interact in a media saturated world. The subject will begin with personal interest, involvement in and use of different media forms, and go on to examine how our communication practices and adoption and use of different technologies are integrated with our professional, social and political lives.

BCM 111 International Media and Communication

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: In an era of globalisation, communication across cultures is key to our capacity to thrive in diverse workplaces. This subject introduces students to the key issues of intercultural communication, and how these interrelate with developments in transnational media industries and practices. We examine the historical impact of media technologies and institutions on the formation of local, national and international cultural communities and explore contemporary sites of opportunity or crisis produced by the emergence of global communication networks.

BCM 112 Convergent Media Practices

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions: BCM 101
Subject Description: This subject is intended as an introduction to the process of media and communications convergence, emphasising the way in which technological change is accompanied by changes in professional communication, social life and cultural practices. We take a broad view of convergence, looking at the emerging dynamics of digital technology and content, and the effects of these processes on media content providers, audiences and newer conceptions of 'convergence culture.' Students will focus on an emergent technology and examine its uses in relation to a range of communication industries, audiences, and cultural practices.

BCM 210 Research Practices in Media and Communication

Autumn Wollongong On Campus
Credit Points: 8
Pre-requisites: 36cp at 100 level
Co-requisite: None
Exclusions:
Subject Description: Students interested in media and communication careers require a working knowledge of the interdisciplinary research methods that have proven useful in understanding communication and media industries, texts and practices. This subject introduces students to quantitative and qualitative research methods and to the theoretical and ethical principles that inform them. Students will be given opportunities to study how these methods are applied to topics in both interpersonal and media communication. The critical appreciation and practical understanding of research methods developed in BCM210 provides the foundation for the research that students will undertake in emerging issues in media and communication in BCM 310.

BCM 220 Locating Media Practices

Not on offer in 2013
Credit Points: 8
Pre-requisites: 36 credit points at 100 level
Co-requisite: None
Exclusions: MACS310
Subject Description: The subject introduces students to the ways in which media audiences hvae been constructed and anylised since the early twentieth century. First, we examine the history of industry and theoretical assumptions about audience motivation, behaviour and experience. Secondly, we look at alternatives to theories of reception and consumption, including the concept of the media user as media producer. Finally, students use a range of different creative tools to explore and represent the importance of space, place and locality to our understanding of media practice.

BCM 230 Visual Communication

Not on offer in 2013
Credit Points: 8
Pre-requisites: 36 credit points at 100 level
Co-requisite: None
Exclusions: MACS230
Subject Description: Image literacy is a key skill in the global marketplace. This subject takes a multidisciplinary look at how images are made, read, circulated and controlled. We explore how images move across cultures ranging from still images in painting and photography to the language of moving images on film, television and online. We discuss historical fears of the icon in western societies, and more recent critiques of the society of the image implicit in concepts of the 'pseudo image' and the 'simulacrum'. The final section of the subject focuses on international controversies emerging in visual communication, including debates on surveillance technology, digital photography, censorship of images of sex and death and the broader questions implicated in an ethics of seeing.

BCM 232 Key Concepts in International Media and Communication

Autumn Wollongong On Campus
Credit Points: 8
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: This subject introduces students to the key concepts in the study of International Media and Communication, and applies those concepts to contemporary issues in the rapidly globalising media landscape. Key concepts may include globalisation, cosmopolitanism, translation / adaptation, diaspora, media imperialism, global public sphere, hybridisation, etc. Students will explore the complex meanings and applications of these concepts which underpin their further studies in International Media and Communication.

BCM 240 Media, Audience, Place

Spring Wollongong On Campus
Credit Points: 8
Pre-requisites: 36 credit points at 100 level
Co-requisite: None
Exclusions: BCM 211
Subject Description: This subject introduces students to the ways in which media audiences have been constructed and analysed since the early twentieth century. First, we examine the history of industry and theoretical assumptions about audience motivation, behaviour and experience. Secondly, we look at alternatives to theories of reception and consumption, including the concept of the media user as media producer. Finally, students use a range of different creative tools to explore and represent the importance of space, place and locality to our understanding of media practice.

BCM 288 Transnational Media and Culture Industries

Spring Wollongong On Campus
Credit Points: 8
Pre-requisites: 36 credit points at 100 level
Co-requisite: None
Exclusions: MACS288
Subject Description: This subject uses a range of international case studies to question how film and digital media companies, practitioners, and consumers are challenging the supremacy of creative and cultural contents flowing outward from the United States. Topics investigated include: popular culture flows, media innovation, user experiences in mobile, online and cloud environments, film and digital media co-production policy and practice, Hollywood's global hegemony, diasporic audiences, film festivals, industry networking summits and trade events, and cultural hearing - all key aspects impacting on the transnational development of the global media and culture industries today.

BCM 310 Emerging Issues in Media & Communication

Autumn Wollongong On Campus
Credit Points: 8
Pre-requisites: 16 cp at 200 level
Co-requisite: None
Exclusions:
Subject Description: This capstone subject addresses breaking issues affecting the media and communications industries. Students will explore how innovation, regulation and policy in media and communications interrelate with social issues, focusing on a key thematic area. Suitable topics include health communication, media coverage of climate change, the impact of media piracy, or digital social inclusion. The subject aims to give students the opportunity to apply concepts and skills learned in their degree in practical, topically relevant, project-based work. Students will initiate and complete semester-long projects and will be encouraged to consider projects that will contribute to their portfolio at the completion of their degree.

BCM 311 Advanced Seminar in Media and Communication

Spring Wollongong On Campus
Credit Points: 8
Pre-requisites: 16 cp at 200 level
Co-requisite: None
Exclusions:
Subject Description: This subject is an advanced seminar focusing on the evaluation and application of critical theories, including critical research methodologies, in media and communication studies. The seminar topics will vary from year to year, and the subject is highly recommended for students considering future enrolment in Honours in this area. The subject will offer students advanced skills in research and critical analysis and an understanding of the principles which underpin academic and professional research in media and communications.

BCM 330 Australian Content, Global Context
Autumn Wollongong On Campus
Credit Points: 8
Pre-requisites: 16 credit points at 200 level
Co-requisite: None
Exclusions: MACS225
Subject Description: In this subject, we examine the protection of Australian screen content in the global market for media product. We analyse audience demand both in Australia and in foreign markets for media content, and then look at the policies and funding strategies that protect local content producers in these markets. Students collaborate to design and implement audience-centred research projects focused on creative and achievable recommendations for promoting cultural diversity in global media trade, including in the context of international media piracy and copyright regulation. The subject has a strong focus on the practical challenges and opportunities of virtual teamwork.

BCM 332 Global Media Citizenship
Spring Wollongong On Campus
Credit Points: 8
Pre-requisites: 16 credit points at 200 level
Co-requisite: None
Exclusions:
Subject Description: This subject examines strategies and campaigns to address global inequalities in media and information flows, from the UNESCO debates of the 1960s to recent developments at the World Summit on the Information Society and beyond. Students explore their own rights and responsibilities as Global Media Citizens through case studies of international media regulation and citizens' media initiatives.

BCM 388 Convergent Asian Mediascapes
Not on offer in 2013
Credit Points: 8
Pre-requisites: 16 credit points at 200 level
Co-requisite: None
Exclusions:
Subject Description: This subject explores the transformation of media policy and culture, including new film and digital mobile broadcasting initiatives, across the Asian region. It considers how audio-visual and cultural industries are fostering new aesthetic, social and technological changes in everyday practices. Topics investigated include digital cinema and future possibilities for producing, distributing and consuming audio-visual and data materials, as well as cross-cultural media flows, openness to access, policy and censorship.

BCM 390 Media, War and Peace
Autumn Wollongong On Campus
Credit Points: 8
Pre-requisites: 24 credit points at 200 level
Co-requisite: None
Exclusions: STS390, MACS390
Subject Description: War and violence are staples of media coverage. Explaining the content and style of coverage requires understanding both of media dynamics and international politics. Through case studies of war and peace journalism, military censorship and media management, and the psychology and politics of denial and acknowledgement of atrocities, students will learn how to interpret and intervene in media coverage on war and peace, violence and nonviolence. Use will be made of frameworks from communication theory, politics, and peace research.

BCM 470 Bachelor of Communication and Media Studies Honours
Autumn Wollongong On Campus
Spring Wollongong On Campus
Credit Points: 12
Pre-requisites: Completion of BCM core and at least one specialisation with a 80% average plus distinctions in two 300 level subjects, at least one of which must be drawn from the core or specialisation in which the student intends to write a thesis or complete a project
Co-requisite: None
Exclusions:
Subject Description: The subject offers advanced training in the area of communication and media studies, informed by current theoretical and methodological approaches. Students will be encouraged to apply these approaches to their research projects and develop appropriate strategies for successful research in the field. Particular attention will be given to key concepts and theories, their development and application.

BCM 472 Bachelor of Communication and Media Studies Joint Honours
Autumn Wollongong On Campus
Spring Wollongong On Campus
Credit Points: 12
Pre-requisites: Completion of BCM core and at least one specialisation with a 80% average plus distinctions in two 300 level subjects, at least one of which must be drawn from the core or specialisation in which the student intends to write a thesis or complete a project; AND meet the Honours pre-requisites for the other discipline in the Joint Honours program
Co-requisite: None
Exclusions:
Subject Description: The subject offers advanced training in the areas of communication and media studies and the other discipline involved, informed by current theoretical and methodological approaches. Students will be encouraged to apply these approaches to their research projects and develop appropriate strategies for successful research in the field. Particular attention will be given to key concepts and theories, their development and application.

BEXS351 Exercise Prescription 1: Strength and Conditioning
Not on offer in 2013
Credit Points: 8
Pre-requisites: BMS203 and BMS242 OR SHS 220 and SHS 221
Co-requisite: None
Exclusions:
Subject Description: This subject applies knowledge from areas of functional anatomy, exercise physiology, biomechanics and exercise science practice to the design of safe, beneficial and functional resistance programs to healthy populations in the community and the work place.

BEXS352 Exercise Prescription 2 - Aerobic Fitness
Not on offer in 2013
Credit Points: 8
Pre-requisites: BMS242 or EDUP234
Co-requisite: None
Exclusions:
Subject Description: This subject addresses the range of skills and strategies appropriate for the design and implementation of exercise regimes in normal populations across the age spectrum. It involves the design of programs to improve aerobic fitness and includes information related to exercise sequencing, and developing appropriate intensity of exercise on the basis of field and laboratory based test results. Strategies for prescribing exercise within the populations noted earlier will also be included within this subject material.

BEXS402 Exercise For Special Populations
Not on offer in 2013
Credit Points: 8
Pre-requisites: BEXS351 and BEXS352
Co-requisite: None
Exclusions: Written Report 25% Oral Presentation 25%
Subject Description: This subject assumes knowledge and skills covered in Advanced Exercise Physiology, Exercise Prescription I & II and extends information presented in Exercise Rehabilitation 1 & 2. The impact of selected pathologies on human performance and the effect of acute and chronic exercise on the pathology and on health of the individual require investigation, understanding and consideration by Exercise Scientists. Exercise test protocols and program delivery techniques specific to the needs of Special Populations in the community will be addressed. Techniques for planning and implementing interventions designed to address specific functional fitness problems in Special Populations will be explained. The relative merits of particular tests of physiological function in these populations will also be discussed.

BEXS451 Exercise Rehabilitation 1: Musculoskeletal
Not on offer in 2013
Credit Points: 8
Pre-requisites: BEXS351 and BMS203
Co-requisite: None
Exclusions:
Subject Description: This subject extends the study of exercise rehabilitation providing revision related to the structure and function of major joints and introduces common pathologies, mechanisms and outcomes. The subject covers information related to evaluation of the injured site and the design and management of appropriate exercise rehabilitative program designed to improve functional capabilities and prevent reinjury.

BEXS452 Exercise Rehabilitation 2: Cardiorespiratory and Neurological
Not on offer in 2013
Credit Points: 8
Pre-requisites: BEXS352 & BMS346 & BMS344 for 851A students; BEXS352 & BMS346 or BMS344 for 574 students. Other students will need approval from course coordinator
Co-requisite: None
Exclusions:
Subject Description: This subject investigates the use of exercise as a clinical rehabilitative tool for patients with cardiovascular or neurological pathologies. The subject covers information related to evaluation of the pathology and the design and management of appropriate exercise rehabilitative techniques to improve functional capabilities and enhance quality of life.

BIOL103 Molecules, Cells and Organisms
Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions: Not to count for credit with SCIE122
Subject Description: Cell structure and function. Classes of biological molecules. Cell division. Introductory biochemistry, genetics and microbiology. Physiology of the immune system.

BIOL104 Evolution, Biodiversity and Environment
Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions: Not to count for credit with BIOL352.
Subject Description: Types of organisms, their classification and life styles. Ecology of populations and communities. Evolutionary biology and the origin of species.

BIOL105 Functional Biology of Animals and Plants
Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: Students will investigate the form and function of living things with a comparative approach that recognises their evolutionary origins and how this affects the way they overcome challenges to their day-to-day existence. Body plans of plants and animals. How plants and animals obtain the energy and nutrients they need for growth. Reproduction in plants and animals. Sensory systems in plants and animals. Parasitic plants & animals. How do plants and animals interact and respond to their environment? Animal behaviour. Please note that this subject involves animal dissections. While direct participation is not mandatory, all students will be examined on the material.

BIOL213 Principles of Biochemistry
Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: BIOL103, CHEM101, and CHEM102
Co-requisite: None
Exclusions:
Subject Description: Structure and biological functions of proteins, nucleic acids, carbohydrates and lipids and their subunits. Membrane structure. Enzymes, their functions and their regulation. The central dogma of Molecular Biology - from genes to proteins.

BIOL214 The Biochemistry of Energy and Metabolism
Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: BIOL213
Co-requisite: None
Exclusions:
Subject Description: The generation and storage of metabolic energy. The major catabolic pathways. The biosynthesis of carbohydrates, lipids, proteins and nucleotides. The regulation of enzymes and of metabolic

pathways and their role in cellular function. The integration of metabolism including metabolic disorders.

BIOL215 Introductory Genetics

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: BIOL213
Co-requisite: None
Exclusions:
Subject Description: Genetic variation in eukaryotic populations. Source of variation and techniques of measurement. Regulation of gene activity. Microbial genetics including transformation, conjugation and phage replication. Mechanisms for the rearrangement and exchange of genetic material including plasmids, recombination and transposons. Approaches for genetic engineering, including the cloning of DNA, screening of recombinants and the production of a recombinant protein.

BIOL240 Biodiversity of Marine and Freshwater Organisms

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: BIOL103 and BIOL104 and BIOL105
Co-requisite: None
Exclusions:
Subject Description: Introduction to biodiversity in aquatic ecosystems; including algae, plants, invertebrates and vertebrates. Quantification and importance of biological diversity. Human impacts on natural systems and the loss of biodiversity. Making and curating a collection of selected groups of organisms. Please note that this subject may involve animal dissections. While direct participation is not mandatory, all students will be examined on the material.

BIOL241 Biodiversity of Terrestrial Organisms

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: BIOL103 and BIOL104 and BIOL105
Co-requisite: None
Exclusions:
Subject Description: The subject will cover the phylogeny, classification, morphology, and physiology of terrestrial organisms. It will investigate how the structure and function of organisms is influenced by, and interacts with, the terrestrial environment. Students will learn the principles of identification of both plants and animals and will develop and curate a collection of plants. A field trip will skill students in surveying for a range of taxa.

BIOL251 Principles of Ecology

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: BIOL103 and BIOL104 and BIOL105
Co-requisite: None
Exclusions:
Subject Description: Factors and processes influencing the distribution, abundance and diversity of organisms. Population ecology: life histories, demography, models, growth and regulation. Species interactions. Natural and anthropogenic disturbance. Community structure and dynamics in space and time. Sampling methods and techniques in ecology. Design and statistical analysis of sampling programs and experiments. Communicating science. Implications for conservation.

BIOL252 Evolution and Behaviour

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: BIOL103, BIOL104, BIOL105
Co-requisite: None
Exclusions:
Subject Description: Students will investigate the key concepts of evolutionary theory, selection, drift, mutation, gene expression and inheritance, plasticity and canalization, factors changing frequencies, mating systems, sexual selection, mate choice, sociality, life history strategies and tradeoffs.

BIOL292 Special Biology Studies

Autumn Wollongong On Campus
Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: Available to second year students currently enrolled in the BScAdv program
Co-requisite: None
Exclusions:
Subject Description: Students will undertake research projects, under the supervision of academic staff members, on design and execution of field and/or laboratory experiments and the analysis and interpretation of these data. Intending students must consult with the Head of School prior to enrolment.

BIOL300 Focus on Conservation

Autumn Wollongong On Campus
Spring Wollongong On Campus
Summer 2013/2014 Wollongong On Campus
Credit Points: 8
Pre-requisites: 12 cp of 200-level BIOL subjects
Co-requisite: None
Exclusions:
Subject Description: Students will choose 4 modules relating to conservation biology each of which will be undertaken over an equivalent of 3 weeks of teaching. Each module will be a focus study that will teach students a technique and/or a topic in depth, or undertaken as fieldwork. Topics will vary from year to year, with different conservation biologists offering modules each year.

BIOL303 Biotechnology: Applied Cell and Molecular Biology

Autumn Wollongong On Campus
Credit Points: 8
Pre-requisites: BIOL215
Co-requisite: None
Exclusions:
Subject Description: Recombinant DNA technology and genetic engineering of micro-organisms, plant cells and animal cells. Expression, production and purification of recombinant proteins, cytokines and hormones. Protein expression technology and industrial scale-up. Applications of Biotechnology to the fields of human therapeutics, agriculture, environment protection and forensics diagnostics. Gene slicing, Bioinformatics, ethical and patent issues of Biotechnology.

BIOL320 Molecular Cell Biology

Autumn Wollongong On Campus
Credit Points: 8
Pre-requisites: BIOL214 and BIOL215
Co-requisite: None
Exclusions:
Subject Description: This subject covers many specific aspects of cell biology, including cell and tissue structure, protein sorting mechanisms, secretion, membrane transport, energetics, signal transduction, apoptosis, cellular and molecular genetics of development, the cell cycle and cancer. In addition, focused lab-based practicals are offered which will provide an understanding of the techniques used for studying cell biology. These include: cell and organelle isolation and analysis, growth of various cell types in aseptic culture, observation and manipulation of cellular functions and cell surface labelling and protein blotting.

BIOL321 Infection and Immunity

Spring Wollongong On Campus
Credit Points: 8
Pre-requisites: BIOL320
Co-requisite: None
Exclusions:
Subject Description: This is a third year (senior) undergraduate subject intended to provide students in the BSc and BMedBiotech degrees with an understanding of leading edge aspects of microbial pathogens, the immune system, and the ways in which the immune system defends the body against pathogens. It extends understanding gained during BIOL320 (Molecular Cell Biology) and is a specified 'core' subject for the BMedBiotech degree. This subject will survey the major groups of microbial pathogens before examining the multiple facets of the immune system in humans. The interactions between pathogens and the immune system will be explored, both in theory and as an integrated part of the practical exercises. Technological advances in immunology and immunochemistry that have made major impacts on modern biotechnology will also be studied, including monoclonal and 'humanized' antibodies, and recombinant vaccines.

BIOL332 Ecological and Evolutionary Physiology

Autumn Wollongong On Campus
Credit Points: 8
Pre-requisites: BIOL103 and BIOL105
Co-requisite: None
Exclusions:
Subject Description: Physiological and biochemical characterisation of organisms in relation to size, metabolic intensity, and response to environmental variables. Physiological responses of plants and animals to variations in light intensity, spectral quality and temperature, solar radiation, temperature, gas composition, and pressure. Evolution of aerobic metabolism, aerobic capacity and endothermy. Physiological processes associated with phenotypic plasticity and adaptive traits. Physiological correlates of life-history variation. This subject may involve the use of animals, animal tissues or animal-derived products in order to achieve specific learning objectives.

BIOL351 Conservation Biology: Marine and Terrestrial Populations

Autumn Wollongong On Campus
Credit Points: 8
Pre-requisites: BIOL251 and STAT252
Co-requisite: None
Exclusions:
Subject Description: Field camps and trips are an integral part of this subject. Describing populations - demography, life tables, genetic structure. Factors regulating population growth - competition herbivory, predation, environmental disturbance. Natural selection. Frequency-dependence and density-dependence. Phenotypic plasticity. Sex, recombination and breeding systems. Localised adaptation. Hybrids and hybrid zones. Mechanisms of evolution and speciation. Population biology in relation to conservation - minimum population sizes, inbreeding depression, genetic tolerance of extreme conditions.

BIOL355 Marine and Terrestrial Ecology

Spring Wollongong On Campus
Credit Points: 8
Pre-requisites: BIOL251 and STAT252
Co-requisite: None
Exclusions:
Subject Description: Introduction to ecology - levels of organisation (individual, population, community, ecosystem). Experiments in ecology - their design, analysis and interpretation. Biotic interactions: competition, herbivory, predation, mutualisms. Disturbance, catastrophe and community structure and function. Behavioural ecology: innate vs learned behaviours and their effects on individual fitness, demography and community structure. Factors affecting species richness.

BIOL356 Marine and Terrestrial Ecology (Environmental Science)

Spring Wollongong On Campus
Credit Points: 8
Pre-requisites: Enrolment in either BEnvSc or BSc (Environment), and completion of BIOL251 and STAT252
Co-requisite: None
Exclusions:
Subject Description: Introduction to ecology - levels of organisation (individual, population, community, ecosystem). Experiments in ecology - their design, analysis and interpretation. Biotic interactions: competition, herbivory, predation, mutualisms. Disturbance, catastrophe and community structure and function. Behavioural ecology: innate vs learned behaviours and their effects on individual fitness, demography and community structure. Factors affecting species richness.

BIOL391 Advanced Biology

Annual Wollongong On Campus
Autumn Wollongong On Campus
Spring Wollongong On Campus
Credit Points: 16
Pre-requisites: Distinction average or higher performance in subjects pertinent to the intended area of research, as approved by the Head of School
Co-requisite: None
Exclusions:
Subject Description: Two research projects are to be undertaken with different supervisors, designed and chosen in consultation with these academic staff members. Emphasis may be placed on developing competence in a

range of laboratory and field techniques not already familiar to the student. Selection for Advanced Biology is based on merit, and intending students should consult the Coordinator before enrolment.

BIOL392 Advanced Biology

Autumn Wollongong On Campus
Spring Wollongong On Campus
Summer 2013/2014 Wollongong On Campus
Credit Points: 8
Pre-requisites: Distinction average or higher performance in subjects pertinent to the intended area of research, as approved by the Head of School
Co-requisite: None
Exclusions:
Subject Description: One research project is to be undertaken, designed and chosen in consultation with an academic staff member. Emphasis may be placed on developing competence in a range of laboratory and field techniques not already familiar to the student. Selection for Advanced Biology is based on merit, and intending students should consult the Coordinator before enrolment.

BIOL401 Biology Honours

Annual Wollongong On Campus
Spring2013/Autumn2014 Wollongong On Campus
Credit Points: 48
Pre-requisites: Passing a major sequence in Biology at 300-level at a standard approved by the Head of the School
Co-requisite: None
Exclusions: Not to count for credit with BIOL402, BIOL403, or BIOL404.
Subject Description: Students wishing to proceed to honours should consult the Honours Co-ordinator as soon as possible during their third year.

BIOL402 Biology Joint Honours

Annual Wollongong On Campus
Spring2013/Autumn2014 Wollongong On Campus
Credit Points: 24
Pre-requisites: Passing a major sequence in Biology at 300-level at a standard approved by the Head of the School
Co-requisite: Enrolment in a 24 credit point Honours subject offered by another Academic Unit.
Exclusions: Not to count for credit with BIOL401, BIOL403, or BIOL404.
Subject Description: Students wishing to proceed to joint honours should consult the Honours Co-ordinator as soon as possible during their third year.

BIOL403 Biology Honours Part 1 for Part-Time Students

Annual Wollongong On Campus
Spring2013/Autumn2014 Wollongong On Campus
Credit Points: 24
Pre-requisites: Passing a major sequence in Biology at 300-level at a standard approved by the Head of the School
Co-requisite: None
Exclusions: Not to count for credit with BIOL401 or BIOL402.
Subject Description: Students wishing to proceed to honours should consult the Honours Co-ordinator as soon as possible during their third year.

BIOL404 Biology Honours Part 2 for Part-Time Students

Annual Wollongong On Campus
Spring2013/Autumn2014 Wollongong On Campus
Credit Points: 24
Pre-requisites: Passing a major sequence in Biology at 300-level at a standard approved by the Head of the School. BIOL403 required.
Co-requisite: None
Exclusions: Not to count for credit with BIOL401 or BIOL402.
Subject Description: Students wishing to proceed to honours should consult the Honours Co-ordinator as soon as possible during their third year.

BIOL410 Conservation Biology Project

Annual Wollongong On Campus
Spring2013/Autumn2014 Wollongong On Campus
Credit Points: 48
Pre-requisites: Completion of 144 cp of the Bachelor of Conservation Biology or Bachelor of Conservation Biology Advanced
Co-requisite: None
Exclusions: Not to count with BIOL411 and/or BIOL412; BIOL426 and/or BIOL427
Subject Description: Students will incorporate database searches, statistics and scientific writing to conduct a comprehensive literature review on a subject relevant to their Honours project, and develop a specific Honours project proposal. Students will then undertake a research project under the supervision of one or more members of academic staff. They will develop laboratory and/or field skills in collecting data and interpreting the results. The topic of research is initially proposed by the supervisor(s), but may be modified in consultation with the individual student. Students will write a thesis on their supervised research project, and present their results in a seminar.

BIOL420 Biotechnology Honours

Annual Wollongong On Campus
Spring2013/Autumn2014 Wollongong On Campus
Credit Points: 48
Pre-requisites: Completion of the third year of the Bachelor of Medical Biotechnology or Bachelor of Medical Biotechnology Advanced
Co-requisite: None
Exclusions: Not to count with BIOL421 and/or BIOL423; BIOL424 and/or BIOL425
Subject Description: A research project will be allocated to 4th year students enrolled in the Bachelor of Medical Biotechnology and Bachelor of Medical Biotechnology Advanced. Students will write a thesis on their supervised research project, and present their results in a seminar series. The subject will include a professional development component, with tutorials on bioinformatics, scientific paper writing, the preparation of a CV and job application, applications for animal ethics, grants and the use of genetically modified organisms.

BIOL424 Biotechnology Honours Part 1 for Part-Time Students

Autumn Wollongong On Campus
Credit Points: 24
Pre-requisites: Completion of the third year of the Bachelor of Medical Biotechnology or Bachelor of Medical Biotechnology Advanced
Co-requisite: None
Exclusions: Not to count with BIOL421 and/or BIOL423; BIOL420
Subject Description: A research project will be allocated to 4th year students enrolled in the Bachelor of Medical Biotechnology and Bachelor of Medical Biotechnology Advanced. Students will write a thesis on their supervised research project, and present their results in a seminar series. The subject will include a professional development component, with tutorials on bioinformatics, scientific paper writing, the preparation of a CV and job application, applications for animal ethics, grants and the use of genetically modified organisms.

BIOL425 Biotechnology Honours Part 2 for Part-Time Students

Annual Wollongong On Campus
Credit Points: 24
Pre-requisites: BIOL424
Co-requisite: None
Exclusions: Not to count with BIOL421 and/or BIOL423; BIOL420
Subject Description: A research project will be allocated to 4th year students enrolled in the Bachelor of Medical Biotechnology and Bachelor of Medical Biotechnology Advanced. Students will write a thesis on their supervised research project, and present their results in a seminar series. The subject will include a professional development component, with tutorials on bioinformatics, scientific paper writing, the preparation of a CV and job application, applications for animal ethics, grants and the use of genetically modified organisms.

BIOL426 Conservation Biology Project Part 1 for Part-Time Students

Annual Wollongong On Campus
Credit Points: 24
Pre-requisites: Completion of 144 cp of the Bachelor of Conservation Biology or Bachelor of Conservation Biology Advanced
Co-requisite: None
Exclusions: Not to count with BIOL411 and/or BIOL412; BIOL410
Subject Description: Students will be shown how to access a range of campus resources for researchers, including specialist library databases, statistical consulting services, and those for scientific writing. Students will conduct a comprehensive literature review on a subject relevant to their Honours project, and develop a specific Honours project proposal. Students will then undertake a research project under the supervision of one or more members of academic staff. The topic of research is initially proposed by the supervisor(s), but may be modified in consultation with the individual student. Students will write a thesis on their supervised research project, and present their results in a seminar.

BIOL427 Conservation Biology Project Part 2 for Part-Time Students

Annual Wollongong On Campus
Credit Points: 24
Pre-requisites: BIOL426
Co-requisite: None
Exclusions: Not to count with BIOL411 and/or BIOL412; BIOL410
Subject Description: Students will be shown how to access a range of campus resources for researchers, including specialist library databases, statistical consulting services, and those for scientific writing. Students will conduct a comprehensive literature review on a subject relevant to their Honours project, and develop a specific Honours project proposal. Students will then undertake a research project under the supervision of one or more members of academic staff. The topic of research is initially proposed by the supervisor(s), but may be modified in consultation with the individual student. Students will write a thesis on their supervised research project, and present their results in a seminar.

BIS 470 Bachelor of International Studies (Honours)

Autumn Wollongong On Campus
Spring Wollongong On Campus
Credit Points: 12
Pre-requisites: Completion of ARTS470
Co-requisite: None
Exclusions:
Subject Description: The subject offers advanced training in the area of international studies. Students will apply an interdisciplinary approach to theoretical and methodological issues to research projects in order to develop appropriate strategies for successful research in the field. It will be taught using a case studies approach exploring key contemporary international studies topics, such as the environment, human security, labour and migration, international organisations and development.

BIST400 Internet Science & Technology IV Honours

Annual Wollongong On Campus
Credit Points: 48
Pre-requisites: Candidates who achieve a credit average or better in the Bachelor of Internet Science & Technology are eligible to enrol in an additional year of study towards a Bachelor of Internet Science and Technology (Honours).
Co-requisite: None
Exclusions:
Subject Description: This Honours subject offers students the opportunity to study at an advanced level in areas of Internet Science and Technology. This subject will take advantage of specific knowledge and expertise within the Faculty. Students will acquire skills in communication and research methodology, as well as developing expertise in their chosen field of specialisation.

CACS101 Contemporary Creative Practice

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: This subject explores creative arts practices in the twenty-first century. Taking a case study approach, it considers key cultural and social developments

that influence creative artists working in a range of media. The case studies include the work of both international and Australian artists and consider the contexts in which contemporary creative works are produced and received. The subject will include examples of creative work from each of the disciplines represented by the Faculty of Creative Arts: Creative Writing, Graphic Design, Music, Performance, and Visual Arts.

CACS102 Critical Frameworks in Creative Practice

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: This subject introduces significant aspects of critical thinking in relation to contemporary creative practices. It aims to equip students with the capacity to develop a critique of a contemporary work or body of work as well as to analyse and discuss critical writing on the arts. The subject moves from important developments in arts practice during the twentieth century, such as modernism across artforms, to the experimental environment of the 1950s and 60s and the development of feminist, postmodern and post-colonial thinking and practices from the 1970s to the present day. Contemporary practices will be considered in light of these key developments.

CACS301 Professional Practice

Spring Wollongong On Campus
Summer 2013/2014 Wollongong On Campus
Credit Points: 6
Pre-requisites: CACS101, CACS102 and at least 24cps at 200-level
Co-requisite: None
Exclusions:
Subject Description: This capstone subject is designed to help students map professional and career pathways in the context of both individual artistic practice and the creative and cultural industries. It will develop an understanding of the arts infrastructure, including government agencies, the commercial and the no-for-profit sector. Fundamental professional avenues of support such as legal advisory services and funding structures will be introduced as well as personal portfolios and curriculum vitae, project and funding submission development and making presentations. Students will undertake an individual research assignment into an aspect of the arts that fits with their career ambitions. The subject will be delivered in partnership with key agencies such as the Creative Industries Innovation Centre.

CACS302 Creative Arts Internship

Autumn Wollongong On Campus
Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: CACS101, CACS102, at least 24cp at 200-level and an interview.
Co-requisite: None
Exclusions:
Subject Description: The Faculty of Creative Arts offers 20-25 industry placements each year. These offer students hands-on experience in cultural organisations that have agreed to partner with the Faculty on this initiative. Typically students will spend up to 80 hours in an organisation, working on an agreed project with exposure to a fully operational professional environment. Students are selected for this opportunity on the basis of both strong academic achievement and through interview.

CACW100 Introduction to Creative Writing

Autumn Wollongong On Campus
Spring Wollongong On Campus
Summer 2013/2014 Shoalhaven On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions: Not to count for credit with WRIT101 or CACW102 or CACW101
Subject Description: This subject provides an introduction to the creative writing process for students without a strong background in writing. Students will explore topics such as: finding ideas for writing; language and the writer; the drafting process; the workshop process; editing. Major forms of contemporary writing are explored, including prose fiction, poetry and scriptwriting.

CACW101 Writing Foundation: Poetic, Dramatic, Narrative

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions: Not to count for credit with WRIT111 OR WRIT101 OR CACW100
Subject Description: This subject provides an introduction to the creative writing process, focussing on three key areas of writing form: poetic, dramatic and narrative. In this subject you will gain skills in order to approach a range of works, including: short prose fiction, poetry and scripts for stage and screen. The subject also allows you to develop your skills in the writing process. You will explore such topics as: finding ideas for writing, exploring the uses of language for a writer, negotiating the drafting process, workshopping your writing and editing.

CACW102 Writing Foundation: Literary Crossovers

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions: Not to count for credit with WRIT121, WRIT122, WRIT123, WRIT101, CACW100
Subject Description: This subject explores the interactions between poetic, dramatic and narrative forms. You will engage with possible 'hybrid' forms, including: narrative poetry, prose-poems and cross-platform drama. Your work will be developed through writing workshops and individual tasks. In workshops, you will engage in discussions of your peers' work, in order to develop your editorial skills. In the individual tasks you will continue to develop your writing skills, particularly in the areas of language, voice and characterisation. By the end of the subject, you will develop a folio that engages with at least two forms, and that engages with crossover between forms.

CACW103 Editing Foundation

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions: Not to count for credit with WRIT216
Subject Description: This subject will explore the editing process, paying particular attention to the conventions of grammar and punctuation. Many forms of editing will be covered, including independent publications ('zines and e-'zines), journals, books and short forms (i.e. poetry and short stories). In this class, you will develop skills that will enable you to edit your own and others' work. You will also have the opportunity to work collaboratively with your peers in the production of 'zines, and through in-class exercises.

CACW104 Text and Context

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions: Not to count for credit with WRIT109, WRIT119, WRIT129, WRIT219, WRIT229
Subject Description: This subject explores the development of key literary forms - the poetic, the dramatic and the narrative - surveying the shifts in structure from the Classical period to the twentieth and twenty-first centuries. The specific focus is on the ways in which social structures and historical events change the form of a creative work. In this subject you will consider the relationship between writing and context in both theory and practice. You will analyse existing creative works and apply creative strategies to your own writing.

CACW201 Poetic Studio

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: At least 12 credit points of CACW or WRIT subjects
Co-requisite: None
Exclusions: Not to count for credit with WRIT 213, WRIT223
Subject Description: This subject centres on a wide variety of verse forms (with accompanying metres, word games and devices) both in the student's own work and through looking at poems in English (and in translation) from the Sixteenth Century to the present day. As well, there will be class work involving group villanelles & group sestinas and work involving heteronyms whereby students invent a poet and his/her life together with their poems. Each class will centre on examples from the more traditional to the more avant-garde. All class members are expected to attempt a variety of these verse forms and as well construct an annotated anthology including poems from these particular verse forms, though not those poems discussed in class.

CACW202 Dramatic Studio

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: At least 12 credit points of CACW or WRIT subjects
Co-requisite: None
Exclusions: Not to count for credit with WRIT214 OR WRIT228 OR WRIT215
Subject Description: This subject immerses students in the techniques and theory of writing in dramatic form. Examination of writing for stage and performance, film, sound and digital media will be examined. Students are introduced to history and theory of dramatic writing at both a contemporary and classical level and undertake their own personal study in this area. A variety of dramatic structures are examined, including linear and non-linear traditions of plotting or thematic development and concepts such as disturbance and dialectics are examined. Craft skills such as characterisation, dialogue, and basics of stagecraft, mise en scene, sound production and dramaturgy are discussed and practiced in the workshop situation. Students complete a 20 page script and are encouraged to master, but also challenge conventions, and to explore collective modes of workshopping, and dramaturgy/editing, as well as drafting and editing their own writing.

CACW203 Narrative Studio

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: At least 12 credit points of CACW or WRIT subjects
Co-requisite: None
Exclusions: Not to count for credit with WRIT212 OR WRIT222
Subject Description: This subject examines the development of prose fiction writing in both microfiction and short forms. There will be an ongoing examination of writing strategies in a range of modes. An intensive workshopping of participants' work will operate throughout the subject. Particular attention will be paid to structure, plot, character, time/place management, point of view, and the use of description and metaphor.

CACW231 Writing, Representation and Power

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: CACS101 and CACS102
Co-requisite: None
Exclusions: Not to count for credit with WRIT319
Subject Description: This subject explores the relationship between writing and ideology: the philosophical, cultural and political modes that affect creative production. In this subject, you will consider the implications of writing fiction in historical contexts as well as contemporary Australian society. Specifically, you will reflect on questions of textual power: What is the relationship between ideology and textual structure? How can a writer resist implicit textual control? And questions of responsibility: What is the writer's relationship with his/her culture? Does the writer have an ethical duty to his/her audience? You will explore these questions through two approaches: by analysing existing literary texts in the light of critical theory and by applying the ideas discussed to your own writing.

CACW232 Writing and Critical Theory

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: CACS101 and CACS102
Co-requisite: None
Exclusions: Not to count for credit with WRIT319
Subject Description: This subject examines the interactions between writing practice and the theories on reading and writing that emerged in the twentieth and twenty-first centuries. These theories dissect the process and production of writing: they offer models for understanding language, structure and reading of texts, but also challenge the writer as the final authority of a text. In this subject you will consider the implications of these theories in writing practices: you will unpack the key

ideas, evaluate their efficacy, and apply the ideas to specific creative texts, including your own.

CACW301 Invention and Experimentation: Imagining and Re-imagining Story

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: 24 credit points of CACW or WRIT Subjects at 200 level
Co-requisite: None
Exclusions: WRIT312
Subject Description: This subject focuses on experimenting with literary crossovers across poetic, narrative and dramatic forms. It facilitates a writing process that can merge literary forms or assist the journey from one form to another by imagining and re-imagining story/text. Employing history, cross-cultural templates, literary adaptations, hybrid forms or alternative modes of conceptualisation, students can attempt innovative approaches in story production.

CACW302 Advanced Editing and Design for Publication

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: CACW103 or CAGD201
Co-requisite: None
Exclusions: WRIT316
Subject Description: This subject will extend students' editing and design practice through the class compilation of an independent literary 'zine. Students will collaborate with each other to produce a printed literary publication employing industry best practice. This subject will focus extensively on the practical side of editing and design: line-by-line and structural editing, design and layout, as well as editorial and design management. As well, style guidelines, editorial symbols, editorial policy, and consistency will all be discussed. Students will follow one of two streams: editing or graphic design. Editors will closely edit submitted material, keep participation portfolios and sit an editing assessment. Graphic design students will propose an individual publication design, keep participation portfolios and sit a graphic design-editing interface assessment.

CACW303 Genre and Form

Not on offer in 2013
Credit Points: 6
Pre-requisites: 12 credit points of CACW subjects
Co-requisite: None
Exclusions:
Subject Description: This subject offers students an opportunity to focus on a specific and specialised genre/form of writing. The focus of the subject will vary each semester and may include: - Contemporary writing since 1980 and its themes - Genre Crime writing - Narrative and voice - Writing novels and novellas - The Short Story - Writing for children - Writing for the screen - Creative non fiction Students will be advised in advance of each semester which topic will be covered.

CACW331 Contemporary Theory and the Practising Writer

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: This subject allows you to engage in a detailed analysis of a contemporary writer or literary topic, in order to scrutinize the interrelation between theory and practice in creative writing. You will undertake critical research, examine the properties of particular theoretical approaches, explore other critics' readings of the topic and assert your own argument. The subject culminates with the presentation of your 'mini-thesis' on your chosen topic.

CACW390 Creative Writing Major Project

Spring Wollongong On Campus
Credit Points: 12
Pre-requisites: CACW301
Co-requisite: None
Exclusions: WRIT313; WRIT314; WRIT322; WRIT323
Subject Description: This subject allows you to complete a sustained creative project in any area of Creative Writing: poetic, dramatic, narrative, or using a combination of these forms. Through seminars, writing studios and independent writing, you will devise and construct your own project, as well as contributing to the development of your peers' work. This subject is the culmination of the Creative Writing program, and requires you to draw upon the skills you have gained throughout the BCA. By the end of this subject it is expected that you will have refined your voice as a writer and identified your position in the discipline of Creative Writing.

CAGD201 Graphic Design Studio 1 - Typography

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: CAVA104 or DESN102
Co-requisite: None
Exclusions: Not to count with DESN201
Subject Description: This studio examines the critical role and function of typography in graphic design. The subject will study the design and function of letter form and its application to print publication and screen based media. Students will undertake research into the history of type and communication design and apply that understanding and insight to design briefs which require print and screen based solutions.

CAGD202 Graphic Design Studio 2 - Visual Communication

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: CAVA104 or DESN102
Co-requisite: None
Exclusions: Not to count for credit with DESN202
Subject Description: This studio will explore core visual design principals and knowledge that underpin visual identity and branding. The subject will examine key concepts, ideas and methodology that frame design research and practice. [Think Create Deliver]. Students will be required to apply the Think Create Deliver model to creative solutions for visual branding and information systems across print and screen based media.

CAGD203 Graphic Design Studio 3 - Design Innovation

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: CAGD201 or DESN201
Co-requisite: None
Exclusions:
Subject Description: This subject moves design practice beyond issues of content, form and function to content creation. Students will be required to respond to design challenges that result in research, invention and prototyping of creative communication products that respond to social needs and benefit. Students will have the option to form small collaborative design teams for co-design outcomes.

CAGD231 Graphic Design and Visual Communication Theory 1

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: CACS101 and CACS102 OR VISA121 and VISA122
Co-requisite: None
Exclusions: Not to count for credit with DESN222
Subject Description: This subject introduces students to theories and critical writings on graphic design and visual communication. The course covers issues in modernist design practice and its reception including the study of late 19th century and early 20th century development of serial art (cartoons/comics/illustration) film and animation; the subsequent designing of audience response through film narrative conventions including the advent of sound in cinema; the development of modern forms of magazine design; the critical analysis of fashion in the visual communications context, and concludes with study of formalist and minimalist theories in the late-Modernist design of the 1950s.

CAGD232 Graphic Design and Visual Communication Theory 2

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: CACS101 And CACS102
Co-requisite: None
Exclusions: Not to count with DESN322
Subject Description: This unit expands on theories of design examined in the previous semester. Students will examine content exploring graphic design and visual communications in social, political, historic and cultural context from the late 1950s to the present moment. Students will be introduced to current critical thinking methods of structuralism, post-structuralism and discourse analysis. Topics covered include, post-modernism and consumer design; contemporary fashion theory; subculture and identity theory; and issues in globalisation, mobile visual communications design (mobile computing), locative media and interactive digital communities.

CAGD301 Graphic Design Studio 4 - Design Practice

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: CAGD203
Co-requisite: None
Exclusions:
Subject Description: This subject explores a deeper understanding of design thinking, the collaborative process, and professional practice within industry standards. Students are required to work on team based creative design projects that encourage critical thinking, client consultation and innovation. A focus on design ethics and obligations of social responsibility are core values that underpin the subject. Students will be required to undertake Client Briefs for non-for-profit community organisations.

CAGD331 New Media and Visual Communication Theory

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: CAGD231 and CAGD232
Co-requisite: None
Exclusions:
Subject Description: This unit introduces students to theories of new media design from analogue to digital (including web and interactive multimedia). Students are directed to research resources on the history and theory of the topics covered, including: the genealogy of key analogue and digital imaging theories; critical thinking methods for investigating new media design products in their social, cultural and political contexts; the impact of technological convergence on designing the post-human; digital animation and cinema; critical writings on web and multimedia design; the interdependency of new media on visual communications strategies; recent digital design movements and theorists; globalization and digital design.

CAGD332 Advanced Graphic Design and Visual Communication Theory

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: CAGD231 and CAGD232
Co-requisite: None
Exclusions:
Subject Description: This subject explores key aspects of contemporary national and transnational graphic design theory, research and practice. The subject directs students to develop their own research within specific historical and theoretical frameworks via a base method of triangulation involving preliminary data comparison and critical analysis across three different fields of knowledge and information collation: 1. Technology and techniques used in the graphic design practice. 2. Theory and history informing a thorough understanding of visual communication in social, political and cultural context. 3. Data collection and interpretation that measures the effectiveness of graphic design practice and its reception by clients and end users/audiences/viewers (techniques drawn from applied semiotics, ethnography, sociology, psychology and market research among others). As opportunity permits, guest designers and industry representatives will lead discussion on relevant design issues.

CAGD390 Graphic Design Major Project

Spring Wollongong On Campus
Credit Points: 12
Pre-requisites: CAGD301
Co-requisite: None
Exclusions:
Subject Description: This capstone Graphic Design subject focuses on the development of an individual self-directed design project that encapsulates the design knowledge and professional expertise gained through the student's program of study. Supported by a critical reflective framework, students are expected to engage with a design methodology that includes the articulation and critical

analysis of the design concepts, research, and schemata, underpinning their creative work. The subject prepares the students for the challenges inherent in the transition to industry practice by positioning them as successful independent learners, problem solvers, and effective communicators. Students are expected to participate in a series of advanced professional and thematic seminars exploring dimensions of design practice that run parallel to their creative design work.

CAMS101 Music Skills 1

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: This subject provides an introduction to music theory and practice through an integrated approach to aural, notation and keyboard training. Individual practice of these skills outside class time is a requirement of this subject. Students gain experience in composition and performance through a series of creative exercises, including the presentation of a song.

CAMS102 Music Skills 2

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: CAMS101
Co-requisite: None
Exclusions:
Subject Description: Building on the foundations laid in Music 1, students continue their development of practical and theoretical skills with a special focus on ensemble music. Students learn how to arrange music for a group of musicians, as well as perform music collaboratively. They will also develop a critical vocabulary to discuss music and articulate their creative aims.

CAMS103 Introduction to Audio Production

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: This subject provides an introduction to audio recording, editing, and mixing techniques. Through a combination of critical listening, analysis and practical instruction, students gain a conceptual and practical understanding of basic acoustics, microphone theory, and digital audio production. Concepts of structure and arrangement are introduced and students apply conceptual and practical skills to the creation of sound and music works using digital audio workstations.

CAMS104 Introduction to Music Production

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: This subject provides an introduction to music production using desktop sampling and sequencing tools for studio and live performance contexts. Hardware and software interface concepts are explored along with an introduction to software synthesis. The different challenges and opportunities presented by live performance and studio production are identified and examined alongside a survey of approaches to the composition, arrangement and preparation of musical materials. Through a combination of critical analysis and practical work, the subject provides a broad introduction to music composition, arranging and production in digital audio workstation (DAW) environments.

CAOS201 Social Intersections

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: 36cp of 100 level
Co-requisite: None
Exclusions:
Subject Description: This subject examines how creative practice can engage with social forms and processes. The aim is to encourage conceptually informed, interdisciplinary practice that reflects upon dimensions of social space and history. Students gain a critical understanding of relevant traditions of creative practice and develop individual and collaborative projects that reconsider the relationship between art and society.

CAOS202 Word and Image

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: 36cp of 100 level
Co-requisite: None
Exclusions:
Subject Description: Employing an interdisciplinary approach, this subject aims to establish a site for creative dialogue and collaboration between writing and image-making. Students produce project work that explores innovative associations between the written word and the visual image. This is informed by an investigation of relevant traditions of creative practice, including concrete poetry, conceptual art, the graphic novel, interactive fiction and net art. This subject will prove valuable to students who have a key interest in the intersections between language and image in contemporary creative practice.

CAOS203 Audio/Visual Composition

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: 36cp of 100 level
Co-requisite: None
Exclusions: Not to count for credit with SCMP212
Subject Description: This subject offers an historical, theoretical and practical introduction to audio/visual composition. Through a series of lectures and practical lab classes, students will gain an introduction to the principles of composing in the audio/visual domain. Through the use of digital technologies, each student will produce an audio/visual work for fixed media and an audio/visual work for live performance.

CAOS204 Sound Design

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: 36cp of 100 level
Co-requisite: None
Exclusions: Not to count for credit with SCMP231 or SCMP331
Subject Description: This subject provides a practical workshop environment via the preparation for and presentation of sound design for a live environment, which necessitates an appreciation of music, sound, and language, and the development of good critical listening skills. A variety of technical and creative strategies will be explored in relation to sound design for live contexts such as theatre, performance and installation.

CAOS205 New Documentary

Spring Innovation Campus On Campus
Credit Points: 6
Pre-requisites: 36cp of 100 level
Co-requisite: None
Exclusions:
Subject Description: This subject explores contemporary interdisciplinary approaches to the documentary genre. Documentary has expanded beyond traditional linear, expository modes to incorporate a very broad range of creative practices, including, for example, aspects of oral history, social-media and citizen journalism, performance, audio and video installation, and relational and site-specific creative arts practice. Students gain a critical understanding of this expanded field and produce collaborative project work that investigates its creative possibilities. It will prove useful to students from diverse disciplinary backgrounds who are interested in new forms of documentary.

CAOS206 User Interface Design for Mobile Technologies

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: CAGD202 or DESN290
Co-requisite: None
Exclusions: Not to count for credit with DESN311
Subject Description: This subject explores the guidelines and principles of User Interface Design (UI), specifically their application to mobile technologies. The principles of User Interface Design will also frame engagement with the principles of Interaction Design and User-centred Design. Students will explore design principles related to screen layout, information architecture, navigation, and usability. Students will have the opportunity to further refine their design thinking, design process, and production abilities. Students will be encouraged to engage with the concept of the Designer as entrepreneur where the designer can be author and content creator as well as conceiver of ideas for market. This subject will focus primarily on the design principles specific to the creation of Applications for mobile devices.

CAPA111 Technical Production 1

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: This course is an introduction to the creative, organisational and technical skills required in stage management, which will involve learning about the language and requirements of theatre-making and production; and the implementation of workplace health, safety and security procedures. Students will learn to facilitate and monitor rehearsals; to research, obtain and prepare props; to prepare prompt copies, and to provide lighting, sound and performance cues.

CAPA112 Technical Production 2

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: This course is an introduction to the creative and technical skills required for lighting and sound for theatre, concerts, exhibition and events. The subject will provide students with a range of skills and knowledge enabling the student to assist on theatre productions, concerts or in installation in the areas of rigging: lights, speakers, microphones; operation: lighting and sound desks; and the setting up of communications for the many areas of the production team.

CAPA211 Technical Theatre: Production 1

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: CAPA 111 and CAPA 112
Co-requisite: None
Exclusions:
Subject Description: This subject builds on foundation Technical Theatre subjects by providing a workshop environment in which the knowledge acquired in theory and skills subjects can be put into practice. Students will facilitate and monitor rehearsals, and undertake responsibility for the technical and practical realisation of a theatre or performance project. Projects will introduce a variety of performance and theatre practices, and allow students to apply the creative, organisational and technical skills required in technical theatre roles.

CAPA212 Technical Theatre: Production 2

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: CAPA 111 & CAPA 112
Co-requisite: None
Exclusions:
Subject Description: This subject builds on foundation Theatre subjects by providing a workshop environment in which the knowledge acquired in theory and skills subjects can be put into practice. Students will facilitate and monitor rehearsals, and undertake responsibility for the technical and practical realisation of a theatre or performance project. Projects will introduce a variety of performance and theatre practices, and allow students to apply the creative, organisational and technical skills required in technical theatre roles.

CAPA215 Technical Theatre: Design 1

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: CAPA112
Co-requisite: None
Exclusions:
Subject Description: This subject develops students' technical and aesthetic-conceptual skills working with lighting or sound (as available). Emphasis will be placed on the development of sophisticated conceptual, creative and technical abilities through a research assignment, which may encompass either lighting or sound design towards a theatre production or installation outcome. On successful completion of this subject students will have gained a degree of independence in initiating and resolving visual or sonic ideas; developed an awareness of individual strengths on which to build aesthetic and conceptual skills; acquired a range of interpretative and critical skills in reviewing their work, and increased their skills in the use of lighting or sound.

CAPA216 Lighting
Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: This subject further develops students' technical and aesthetic-conceptual skills in the areas of lighting or sound design, including critical engagement with contemporary issues and practices within a contemporary art and theatre context. Students are encouraged to develop independent learning through the development of a research assignment, which may encompass lighting or sound design towards a theatre production or installation outcome. At the successful completion of this subject students should have gained a degree of independence in initiating, experimenting with and resolving visual or sonic ideas; acquired skills in reviewing their own work in the context of a creative team; and extended their fluency in discourse relevant to contemporary theatre practice.

CAPA221 Technical Theatre: Skills 1
Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: CAPA112
Co-requisite: None
Exclusions:
Subject Description: This subject extends students' development across a range of skills appropriate to their development in technical theatre, including lighting and sound installation and operation, stage-management and OH&S. The aims of this subject are for students to build and develop their capacities in the skills relevant to contemporary Technical Theatre practice. Students will learn to reflect critically on their development and application of skills, and will develop the ability to successfully link theory (craft) to practice and transfer this to contemporary theatre production.

CAPA311 Technical Theatre: Production 3
Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: CAPA212 & CAPA222
Co-requisite: None
Exclusions:
Subject Description: Students will participate in the development, rehearsal and presentation of a project taking on all technical roles. Projects will provide opportunities for students to advance their skills through practical application, and to further their knowledge of contemporary theatre practice. On successful completion of this subject students will be able to demonstrate responsibility for project outcomes; and demonstrate the ability to relate theoretical enquiry to the student's individual artistic or technical practice.

CAPA315 Technical Theatre: Design 3
Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: CAPA216
Co-requisite: None
Exclusions:
Subject Description: This unit offers an historical, theoretical and practical introduction to audio/visual design. Through a series of lectures and practical lab classes students will gain an introduction to the principles of designing in the audio/visual domain. Through the use of digital technologies, each student will produce an audio/visual work for fixed media and an audio/visual work for live performance. At the successful completion of this subject, students will know how to apply practical skills associated with audio/visual design to realise successful small scale works; critically evaluate their own approach to creating audio/visual design; and apply technical and aesthetic concepts in the subject area to a variety of fixed media and performance contexts.

CAPA316 Technical Theatre: Design 4
Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: CAPA315
Co-requisite: None
Exclusions:
Subject Description: This unit is designed to extend aesthetic, conceptual and technical skills acquired in your previous Technical Theatre subjects with the aim of consolidating skills that will progress your development in lighting, sound or audiovisual design. The course aims to encourage students to critically evaluate their individual strengths through the development of a creative project for theatre or installation. Upon completion of this subject students will have developed knowledge of the techniques and processes of specific media; acquired the skills to participate as the member of a creative team on independent projects, and developed knowledge of historical and contemporary works specific to their area of practice.

CAPA321 Technical Theatre: Skills 3
Not on offer in 2013
Credit Points: 6
Pre-requisites: CAPA222
Co-requisite: None
Exclusions:
Subject Description: This subject extends students' development across a range of skills appropriate to their development in Technical Theatre. Students build their skills development in Sound, Lighting or Stage Technology. The aims of this subject are for students to build and develop their capacities in the skills relevant to contemporary theatre practice. Students will learn to reflect critically on their development and the application of skills and will develop the ability to successfully link theory (technique) to practice in the context of contemporary theatre production.

CAPA390 Technical Theatre: Major Production
Spring Wollongong On Campus
Credit Points: 12
Pre-requisites: CAPA321 & CAPA212
Co-requisite: None
Exclusions:
Subject Description: Students participate in the development, rehearsal and technical realisation of a project. Productions will continue to build students experience, expertise and maturity as Technical Theatre Practitioners working in a range of capacities, on diverse performance projects and theatre productions. Students may have the opportunity to lead the entire creative team by taking on a production management role. Upon completion of this subject, students will demonstrate maturity, flexibility and responsibility in Technical Theatre roles; the ability to give and receive informed feedback; to work effectively with directors, actors and performers, and as members of a creative team; and to take responsibility for project outcomes.

CAPF101 Performance Skills 1: Acting, Movement, Singing, Voice
Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions: Not to count for credit with PERF120
Subject Description: This subject introduces the student to a basic understanding of the vocal, physical, emotional, and interpretive skills required by professional actors. Students study movement, acting, singing and voice.

CAPF102 Performance Skills 2: Acting, Movement, Singing, Voice
Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: CAPF101
Co-requisite: None
Exclusions: Not to count for credit with PERF121
Subject Description: This subject introduces the student to a basic understanding of the vocal, physical, emotional, and interpretive skills required by professional actors. Students study movement, acting, singing and voice.

CAPF111 Stagecraft 1
Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: This subject introduces the technical language and the practical machinery of theatre. It will introduce and provide a context for different ways of staging theatre. Students will learn how to manipulate space, light, sound and objects towards the creation of theatrical language and imagery.

CAPF112 Stagecraft 2
Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: This subject will explore different techniques for making theatre. It will introduce a variety of techniques of acting and introduce students to the particular demands of a range of theatrical forms and genres. Students will consider and explore the practical requirements of different stages, and experiment with the body and the use of space.

CAPF201 Performance Skills 3: Acting, Movement, Singing, Voice
Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: CAPF102
Co-requisite: None
Exclusions: Not to count for credit with PERF220
Subject Description: This subject extends and develops students' capacities in the vocal, physical, emotional, and interpretive skills required by professional actors. Students study movement, acting, singing and voice.

CAPF202 Performance Skills 4: Acting, Movement, Singing, Voice
Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: CAPF201
Co-requisite: None
Exclusions: Not to count for credit with PERF221
Subject Description: This subject extends and develops students' capacities in the vocal, physical, emotional, and interpretive skills required by professional actors. Students study movement, acting, singing and voice.

CAPF203 Generative Performance Skills 1
Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: CAPF221
Co-requisite: None
Exclusions:
Subject Description: Students will be introduced to the principles of physical and visual performance and generative and improvisatory processes towards the creation of original performance works.

CAPF211 Performance Production 1
Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: CAPF102
Co-requisite: CAPF215
Exclusions: No to count for credit with PERF202
Subject Description: Students participate in the development, rehearsal and performance of a project. Productions will introduce student to a range of methodologies and genres.

CAPF212 Performance Production 2
Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: CAPF101, CAPF102, CAPF111 & CAPF112
Co-requisite: None
Exclusions: Not to count for credit with PERF203
Subject Description: Students participate in the rehearsal and performance of a project. Productions will continue to build student experience and expertise as actors in a range of rehearsal methodologies and theatre genres.

CAPF215 Scene-work 1: Engaging with Text
Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: CAPF102
Co-requisite: None
Exclusions:
Subject Description: Working from theatre texts students will learn to act 'real people'. The focus will be on basic interpretation, learning a rehearsal process, communicating with other actors and bringing an inner life to character.

CAPF216 Scene-work 2: Form and Genre
Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: CAPF201
Co-requisite: CAPF212
Exclusions:
Subject Description: Students will extend their work in the interpretation of theatre texts and rehearsal processes to a variety of different genres. They will apply techniques of both psychological acting and theatrical performance. Students will be taught how to deconstruct text and to communicate with an audience.

CAPF221 Theatre Studio: Performance Workshop
Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: At least 12 cp of 100-level CAPF subjects
Co-requisite: None
Exclusions:
Subject Description: This subject provides a workshop environment in which the knowledge acquired through previous theory and skills subjects can be put into practice. Students will participate in the development, rehearsal and performance of a project, taking on creative and technical roles. Projects will introduce a variety of rehearsal methods and theatre practices.

CAPF222 Theatre Studio: Methodologies
Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: CAPF112
Co-requisite: CAPF221
Exclusions:
Subject Description: Students will learn methodologies relating to the skill areas of theatre in developing a consolidated individual practice.

CAPF231 Contemporary Theatre and Text
Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: CACS101 And CACS102
Co-requisite: None
Exclusions: Not to count for credit with PERF216
Subject Description: This subject will introduce the concept of dramaturgy and examine the changing status of text through the study of contemporary adaptations of classical and/or modern plays and in doing so familiarise the student with key practitioners and theorists in an international context.

CAPF232 Contemporary Australian Theatre and its Context
Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: CACS101 And CACS102
Co-requisite: None
Exclusions: Not ot count for credit with PERF217
Subject Description: This subject will provide a historical introduction to contemporary Australian theatre and performance and focus on issues such as the body, space, and the politics of performance in Australia.

CAPF301 Performance Skills 5: Acting, Movement, Singing, Voice
Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: CAPF202
Co-requisite: None
Exclusions:
Subject Description: This subject continues to develop students' abilities through extended training in the vocal, physical, emotional, and interpretive skills required by professional actors. Students study movement, acting, singing and voice.

CAPF303 Generative Performance Skills 2
Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: CAPF203
Co-requisite: None
Exclusions:
Subject Description: Students will extend their knowledge and experience working in contemporary performance forms, live art and investigating the generative and improvisatory processes towards the creation of original performance works.

CAPF311 Performance Production 3
Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: 36cp of CAPF subjects at 200 level
Co-requisite: None
Exclusions:
Subject Description: Students participate in the development, rehearsal and performance of a project. Productions will introduce student to a range of methodologies and genres.

CAPF315 Scene-work 3
Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: CAPF216
Co-requisite: CAPF311
Exclusions:
Subject Description: This subject builds and extends on the work undertaken in previous Scene-work subjects. Students will extend their work in the interpretation of theatre texts and rehearsal processes to a variety of different genres.

CAPF316 Scene-work 4: Graduate Showcase
Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: CAPF315
Co-requisite: CAPF390
Exclusions:
Subject Description: Students will rehearse pieces, monologues, duologues, and group pieces for inclusion in the Graduation showcase held at the end of third year. Students will learn audition preparation techniques and presentation strategies.

CAPF331 Theory and Practice of Theatre in the 20th and 21st Century
Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: CAPF231 or CAPF232
Co-requisite: None
Exclusions:
Subject Description: This subject will consider the influence of key movements, theorists and practitioners on iconoclastic directors and artists producing postdramatic theatre and other forms of contemporary performance such as site-specific performance in the 20th and 21st century.

CAPF333 Political Dramaturgy
Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: CAPF231 or CAPF232
Co-requisite: None
Exclusions:
Subject Description: This subject will examine the development of political dramaturgies for the stage and other performance contexts beyond the theatre medium. It will consider the concept of Epic theatre and its impact on practice and theory, feminism, and topical issues such as the representation of the plight of refugees and asylum-seekers by contemporary theatre practitioners in Europe and Australia.

CAPF390 Major Performance Production
Spring Wollongong On Campus
Credit Points: 12
Pre-requisites: CAPF232
Co-requisite: None
Exclusions:
Subject Description: Students participate in the development, rehearsal and performance of a project. Productions will continue to build student experience, expertise and maturity as actors working with a range of methodologies and theatre genres.

CAVA101 Visual Foundation 1
Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: CAVA102
Exclusions:
Subject Description: This subject introduces key principles of visual art and graphic design. Students participate in a series of short practical projects which aim to develop fundamental skills and understanding and to encourage a flexible and innovative approach to art and design practice. Visual Foundation 1 is closely aligned with Visual Foundation 2. The two subjects establish a basis for successful discipline specific studio practice.

CAVA102 Visual Foundation 2
Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: CAVA101
Exclusions:
Subject Description: This subject introduces key principles of visual art and graphic design. Students participate in a series of short practical projects which aim to develop fundamental skills and understanding and to encourage a flexible and innovative approach to art and design practice. Visual Foundation 2 is closely aligned with Visual Foundation 1. The two subjects establish a basis for successful discipline specific studio practice.

CAVA103 Visual Foundation 3
Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: CAVA101 and CAVA102
Co-requisite: CAVA104
Exclusions:
Subject Description: Following on from Visual Foundation 1 and 2, this subject extends the exploration of key principles of visual art and graphic design. Students participate in a series of short practical projects which aim to develop fundamental skills and understanding and to encourage a flexible and innovative approach to art and design practice.

CAVA104 Visual Foundation 4: Studio Practice
Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: CAVA101 and CAVA102
Co-requisite: CAVA103
Exclusions: Not to count for credit with DESN102
Subject Description: This subject introduces studio crafts of Visual Arts and/or Graphic Design. Students engage in practical projects within any two disciplines. Students may choose from the disciplines: Graphic Design, Painting, Sculpture/Spatial Studies, and Textiles/Spatial Studies. The projects will be fundamental to the particular studio disciplines chosen by the student.

CAVA201 Visual Arts Studio 1
Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: CAVA103 and CAVA104
Co-requisite: None
Exclusions: Not to count for credit with VISA203
Subject Description: This subject is the first of three subjects that develop specialised studio skills in a particular studio. These include sculpture, textiles, painting and, beginning within CAVA202, photography. Students select one of these studios to pursue throughout CAVA201, CAVA202 AND CAVA203. The aim of this subject is to foster a mixture of technical skills and conceptual understanding relevant to the chosen discipline.

CAVA202 Visual Arts Studio 2
Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: CAVA101 & CAVA102
Co-requisite: CAVA201
Exclusions:
Subject Description: This subject is the second of three 200 level studio subjects that focuses and develops specialised skills in a dedicated studio practice. The studios include sculpture, textiles and painting. Students will select one of the above studios as a specialised area. The aim of this subject is to expand studio technical skills studied in CAVA201.

CAVA203 Visual Arts Studio 3
Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: CAVA201 and CAVA202
Co-requisite: None
Exclusions: Not to count for credit with VISA204
Subject Description: This subject is the third of three 200 level studio subjects that develop specialised studio skills in a dedicated studio discipline. The disciplines available include sculpture, textiles and painting. Students will select one of the above disciplines as a specialised studio area. The aim of this subject is to further develop studio technical skills and the creative potential of each student.

CAVA231 Visual Art, Modernism and the Avant-garde
Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: CACS101 and CACS102
Co-requisite: None
Exclusions: Not to count for credit with VISA221
Subject Description: This subject is the first of two subjects which focus on the history and theory of contemporary art. It investigates key historical developments

and theoretical debates that have shaped the conception and complex identity of contemporary art. This subject traces the history of modernism, from its foundations in the mid-19th century through to its radical questioning in the mid-20th century. The aim is not only to review main movements and artists but also to engage with core questions that the tradition of modernism addresses; questions, for instance, the relationship between art and industrial modernity, aesthetics and everyday life and form and politics. Alongside gaining an understanding of the history of contemporary art, students also develop formal skills in art history, theory and criticism

CAVA232 Contemporary Indigenous Art: Theory and Practice

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: CACS101 AND CACS102
Co-requisite: None
Exclusions: Not to count for credit with VISA222
Subject Description: This subject surveys the concept of visual culture as a way of understanding contemporary art, with a particular focus on Indigenous arts in Australia. The importance of underlying traditions is investigated in both Aboriginal and non-Aboriginal arts as well as the social conditions of production, presentation and collection. Both textual and visual research strategies are emphasised in presentation and writing.

CAVA301 Visual Arts Workshop

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: CAVA202
Co-requisite: None
Exclusions:
Subject Description: This subject provides an opportunity for students to develop a self-directed visual arts project. Students define an overall topic, specify key issues and questions, investigate relevant traditions of practice and engage in a coherent program of creative development, which includes both skill acquisition and the development of creative work. This process of technical, conceptual and creative enquiry provides the basis for successful engagement in the subsequent subject - Visual Arts Major Project.

CAVA331 Contemporary Artworlds

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: This subject is an examination of contemporary art with a focus on the intersections between theory, history and practice in visual arts as realised in the centres and peripheries of the 'art world.' With an emphasis on current practice it enables students to investigate the relationship of contemporary visual art to social, political, economic and aesthetic concerns. Alongside gaining an understanding of key concerns in contemporary art, students employ formal skills in art history, theory and criticism.

CAVA332 Globalisation and Contemporary Art

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: This subject surveys contemporary arts practices, with a focus on Australian and Asian arts in relation to postcolonial ideas. There is an emphasis on reviewing current exhibitions and the use of theoretical perspectives and critical practices appropriate to recent art debates, exhibitions and studio practices.

CAVA361 Curatorial Practices

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: This subject introduces students to key aspects of curatorial practice in museums and galleries. The subject focuses on developing exhibition concepts, management and presentation and collection management. We also explore relevant topics to careers in the arts and as an artist, including portfolio and CV presentation, preparing funding applications and identifying professional pathways and networks. Site visits and short practical placements are included in partnership with the UOW Art Collection and local cultural organisations.

CAVA390 Visual Arts Major Project

Spring Wollongong On Campus
Credit Points: 12
Pre-requisites: CAVA301
Co-requisite: None
Exclusions:
Subject Description: The capstone Visual Arts subject focuses on the development of an exhibition-ready body of creative work. Students are expected to extend upon their Visual Arts Workshop research to engage in a sustained process of creative development, distillation and resolution. Alongside working on their projects, students also participate in a series of advanced professional and thematic seminars that explore dimensions of contemporary art.

CCE 470 Community, Culture and Environment Honours

Autumn Wollongong On Campus
Spring Wollongong On Campus
Credit Points: 12
Pre-requisites: A major sequence in CCE, with at least 75% average, and two overall Distinctions results in 300 level subjects in the CC&E Major.
Co-requisite: None
Exclusions:
Subject Description: CCE470: Community, Culture and Environment Honours consists of participation in a weekly seminar (12 credit points) during Autumn session, which explores discipline-specific issues, through reading, discussion and writing. Exact arrangements are established by contacting the convenor of the discipline-specific subject deemed most appropriate. NB: Students enrolled in CCE470 must also enrol in and attend the Faculty Honours subject, ARTS 470: Research in the Social Sciences and Humanities (12 credit points) in addition to the requirements ofCCE470. Further, they must submit a research thesis of 15000 words in the subject ARTS480/481:Thesis. An Honours thesis requires the development, research and writing of a 15000 word research thesis under the supervision of an academic at the University of Wollongong. The thesis is submitted toward the end of the second semester of full-time study.

CHEM101 Chemistry IA: Introductory Physical and General Chemistry

Autumn Wollongong On Campus
Summer 2013/2014 Wollongong Flexible
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions: Not to count for credit with CHEM103.
Subject Description: Fundamentals: atomic structure, nomenclature, balancing equations, mole and stoichiometric calculations. Matter molecular scale: electron configuration, periodicity, bonding, shape. Matter macroscale: gases liquids solids. Thermodynamics. Physical equilibria and colligative properties. Kinetics.

CHEM102 Chemistry 1B: Structure and Reactivity of Molecules for Life

Spring Wollongong On Campus
Summer 2013/2014 Wollongong Flexible
Credit Points: 6
Pre-requisites: CHEM101: Chemistry 1A, except with permission from Head of School.
Co-requisite: None
Exclusions:
Subject Description: Chemical Equilibrium. Organic chemistry: nomenclature, functional groups, isomerism, hydrocarbons, alkenes/alkynes and electrophilic addition, aromatic compounds and electrophilic substitution, functional groups chemistry and nucleophilic substitution/ elimination, synthetic and natural polymers.

CHEM103 Introductory Chemistry For Engineers

Autumn Wollongong On Campus
Summer 2013/2014 Wollongong Flexible
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions: Not to count for credit with CHEM101.
Subject Description: Fundamentals: nomenclature and stoichiometry. Atomic theory, bonding and structure. Properties of matter. Reactions: thermochemistry, thermo dynamics, chemical equilibria, acid base equilibria and kinetics. Introductory organic chemistry. Environmental chemistry: pollution and pollution control. Electrochemistry: redox, galvanic cells, electrolysis and corrosion. Chemical basis of engineering materials such as metals, semiconductors, polymers, fuels, adhesives.

CHEM211 Inorganic Chemistry II

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: CHEM101 and CHEM102
Co-requisite: None
Exclusions:
Subject Description: Introduction to modern coordination chemistry; crystal field theory; magnetism; UV - visible spectra of transition metal complexes; symmetry; bioinorganic chemistry; medicinal inorganic chemistry and toxicology.

CHEM212 Organic Chemistry II

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: CHEM101 and CHEM102
Co-requisite: None
Exclusions:
Subject Description: The subject introduces students to the theory and practice of modern organic chemistry. Topics covered include: Mechanisms of nucleophilic substitution and elimination reactions. Synthesis and reactions of carboxylic acids, aldehydes, ketones, alcohols, phenols, ethers and amines. Electrophilic aromatic substitution (synthesis of multi-synthetic aromatics). Oxidation and reduction processes. Modern organic synthetic methods, theory and practice (beta-dicarbonyl compounds, alkylation/ acylation of ketone and ester enolates, aldol reaction). Application of infra-red, mass spectrometry and nuclear magnetic resonance (1-H and 13-C NMR) to organic structure determination. Stereochemistry.

CHEM213 Molecular Structure, Reactivity and Change

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: CHEM101, CHEM102 and Faculty of Science minimum mathematics requirement
Co-requisite: None
Exclusions:
Subject Description: When looking at chemical systems, three fundamental questions arise: to what extent will they react, how quickly will they react and what is the structure of molecules involved? This subject explores these topics through the key topics of thermodynamics and kinetics and provides an understanding of experimental studies and their relationship to theory. These macroscopically observed properties are then discussed in relation to fundamental molecular properties, including an introduction to simple quantum concepts and the rotational/vibrational spectroscopy of diatomic molecules. In addition, colloidal systems, including micellar phases, are used as examples of molecular self-assembly, where intrinsically unstable phases are maintained by kinetic factors.

CHEM214 Analytical and Environmental Chemistry

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: (CHEM101 and CHEM102) or CHEM103 and Faculty of Science minimum mathematics requirement.
Co-requisite: None
Exclusions:
Subject Description: This subject is an introduction to analytical chemistry and its application to environmental and biological systems. It provides an excellent introduction to the separation and quantification of various compounds through the application of a range of current analytical techniques. It will provide an understanding of sample compositions, sample preparation and analysis, and data interpretation using statistics. The material will be presented in lectures, workshops, and laboratory exercises.

CHEM215 Food Chemistry

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: CHEM101 and CHEM102
Co-requisite: None
Exclusions:
Subject Description: Only listed in the Health & Behavioural Sciences Schedule. This subject is designed as a core subject in the BSc (Nutrition) program. Description: Types of nutrients, energy value of food. Fats, carbohydrates, and proteins in foods. Colloidal systems. Essential trace elements, vitamins. Cooking, preservation and processing of food. Chemical additives and toxins in food.

CHEM218 Special Chemistry Studies

Autumn Wollongong On Campus
Spring Wollongong On Campus
Summer 2013/2014 Wollongong On Campus
Credit Points: 6
Pre-requisites: Entry restricted to BScAdv candidates
Co-requisite: None
Exclusions:
Subject Description: This subject is intended to introduce advanced chemistry students to modern chemical research. It provides an opportunity for student centred learning, allowing the student to connect the content of the conventional chemistry subjects they have already undertaken to cutting-edge chemical research. CHEM218 provides a first opportunity for undergraduate students to experience the excitement of working at the frontiers of science. The subject takes the form of a small research based project undertaken with the supervision of a member of staff and it may include research assistance, directed reading, computer-based studies and/or library assignments. Students should consult the subject coordinator and find a suitable project with a willing project supervisor prior to enrolling in CHEM218.

CHEM301 Advanced Materials and Nanotechnology

Spring Wollongong On Campus
Credit Points: 8
Pre-requisites: CHEM211
Co-requisite: None
Exclusions:
Subject Description: Nanotechnology is the design and fabrication of functional materials at the molecular level. It is one of the fastest growing areas of scientific research, spanning chemistry, physics, biology and materials science. This subject provides an introduction to polymers, ceramics, carbon nanotubes and other advanced materials that are the building blocks of nanotechnology. It also explores how supramolecular chemistry is used to synthesise assemblies of molecules for applications including sensing, catalysis, artificial photosynthesis and molecular electronics.

CHEM314 Instrumental Analysis

Autumn Wollongong On Campus
Credit Points: 8
Pre-requisites: CHEM214
Co-requisite: None
Exclusions:
Subject Description: The principles underlying common instrumental methods will be discussed in lectures, specifically instrument development and components, operation and application, and their advantages and limitations. The accompanying laboratory component provides an opportunity for hands-on experience.

CHEM320 Bioinformatics: From Genome to Structure

Spring Wollongong On Campus
Credit Points: 8
Pre-requisites: BIOL213
Co-requisite: None
Exclusions:
Subject Description: This subject will be divided into three strands of approximately equal length: (i) Bioinformatics, (ii) Biological macromolecules (proteins and nucleic acids) - structure and function, and (iii) Proteomics. In the practical classes, bioinformatics will be explored in computer-based tutorials and practicals. Databases for nucleic acid and protein sequences, structures and other parameters of biological molecules, plus linkages to the scientific literature, will be used to extract information and to compare and analyse these data. Proteomics and protein and nucleic acid structure will also be investigated via computer-based practicals. In the laboratory, the structure/function aspects of the protein, lysozyme, will be analysed.

CHEM321 Organic Synthesis and Reactivity

Spring Wollongong On Campus
Credit Points: 8
Pre-requisites: CHEM212
Co-requisite: None
Exclusions:
Subject Description: Reactive intermediates: free radicals, carbenes, arenes: generation, determination, reactions. Stereochemistry: physical detection of stereochemistry by NMR,C.D. etc; enantioselective synthesis and computer modelling. Synthesis: carbocyclic synthesis and theory and applications to natural product synthesis. Heterocycles: synthesis, reactions and applications of common heterocycles. Pericyclic reactions.

CHEM327 Environmental Chemistry

Autumn Wollongong On Campus
Credit Points: 8
Pre-requisites: CHEM214
Co-requisite: None
Exclusions:
Subject Description: The environment depends on complex interactions of chemical, physical and biological processes. These can be both natural and anthropogenic in origin. In this subject the chemical aspects are highlighted in three strands: atmospheric chemistry, aquatic chemistry and soil chemistry. The subject also investigates methods for assessing the chemical state of the environment.

CHEM330 Medicinal Chemistry

Spring Wollongong On Campus
Credit Points: 8
Pre-requisites: CHEM212 and BIOL214 and SHS 211. Entry restricted to BMedChem candidates.
Co-requisite: None
Exclusions:
Subject Description: The concepts, principles and applications of medicinal chemistry are examined and include: drug lead discovery, investigation into the key molecular features necessary for medicinal action, drug metabolism, stereochemistry/chirality and drug action, modern methods in drug design including computer-aided molecular modelling. This subject also has guest lecturers who are experts in the varying fields of medicinal chemistry.

This could include speakers from pharmaceutical companies or from research institutes.

CHEM340 Chemistry Laboratory Project

Autumn Wollongong On Campus
Spring Wollongong On Campus
Summer 2013/2014 Wollongong On Campus
Credit Points: 8
Pre-requisites: Four 200-level Chemistry subjects. Restricted entry. Admission by application to Head of School of Chemistry
Co-requisite: Two 300-level Chemistry subjects
Exclusions:
Subject Description: Research projects are undertaken under the direct guidance of an academic supervisor, chosen after consultation with academic staff and the Head of School. The projects will introduce students to a range of advanced experimental techniques, and familiarise them with the scientific approach to research. Students must attend School seminars. Selection for this laboratory project is based on merit, and intending students should consult with the Head before enrolment.

CHEM350 Principles of Pharmacology

Autumn Wollongong On Campus
Credit Points: 8
Pre-requisites: (CHEM212 or BIOL214) and BMS202/SHS211. CHEM350 is compulsory for BMedChem candidates. Other students should contact the co-ordinator to confirm enrolment.
Co-requisite: None
Exclusions:
Subject Description: This subject is designed to introduce students to the basic concepts of pharmacology. Topics covered will include receptors and molecular basis of drug action, drug disposition and bioavailability, kinetics of drug action, factors affecting drug activity and pharmacology of multiple classes of drugs.

CHEM364 Molecular Structure and Spectroscopy

Autumn Wollongong On Campus
Credit Points: 8
Pre-requisites: CHEM213
Co-requisite: None
Exclusions:
Subject Description: Determining the structure of a molecule is the key to unlocking its chemistry. In the 21st century there are numerous approaches for determining molecular structure. These include experimental spectroscopic techniques and theoretical predictions which make use of the increasing power of computers. This combination of experimental and theoretical techniques, are powerful and complementary methods for determining molecular structure and reactivity. This multi-faceted subject covers the fundamentals of computational chemistry and spectroscopy and their applications to problems of molecular structure determination. Students will gain experience in conducting and interpreting; electronic structure calculations, optical (infrared, visible & ultraviolet) spectroscopy, mass spectrometry, and nuclear magnetic resonance spectroscopy. A formal treatment of molecular symmetry is also included. Applications of these methods to organic, inorganic, biological and gas-phase systems are covered.

CHEM401 Chemistry Honours

Annual Wollongong On Campus
Spring2013/Autumn2014 Wollongong On Campus
Credit Points: 48
Pre-requisites: Normally at least 32 credit points of 300-level Chemistry subjects at an appropriate standard (credit average).
Co-requisite: None
Exclusions: Not to count with CHEM402, 403, or 405.
Subject Description: Coursework: advanced topics and skills for chemistry research including oral and written communication, project management, library techniques and OH&S. Research Project: each year, available projects are provided by the School of Chemistry. See Co-ordinator or Head of School.

CHEM402 Chemistry Honours Part 1 For Part-Time Students

Annual Wollongong On Campus
Spring2013/Autumn2014 Wollongong On Campus
Credit Points: 24
Pre-requisites: Normally at least 32 credit points of 300-level Chemistry subjects at an appropriate standard (credit average).
Co-requisite: None
Exclusions: Not to count with CHEM401 or CHEM405
Subject Description: Coursework: advanced topics and skills for chemistry research including oral and written communication, project management, library techniques and OH&S. Research Project: each year, available projects are provided by the School of Chemistry. See Co-ordinator or Head of School.

CHEM403 Chemistry Honours Part 2 for Part-Time Students

Annual Wollongong On Campus
Spring2013/Autumn2014 Wollongong On Campus
Credit Points: 24
Pre-requisites: Normally at least 32 credit points of 300-level Chemistry subjects at an appropriate standard (credit average). CHEM402 required.
Co-requisite: None
Exclusions: Not to count with CHEM401 or CHEM405.
Subject Description: Coursework: advanced topics and skills for chemistry research including oral and written communication, project management, library techniques and OH&S. Research Project: each year, available projects are provided by the School of Chemistry. See Co-ordinator or Head of School.

CHEM405 Chemistry Joint Honours

Annual Wollongong On Campus
Spring2013/Autumn2014 Wollongong On Campus
Credit Points: 24
Pre-requisites: Normally at least 24 credit points of 300-level Chemistry subjects at an appropriate standard (credit average). Entry is subject to the approval of the Head of School of Chemistry.
Co-requisite: This subject is taken with 24 credit points at 400-level from another School.
Exclusions: Not to count with CHEM401, 402, or 403.
Subject Description: Coursework: advanced topics and skills for chemistry research including oral and written communication, project management, library techniques and OH&S. Research Project: each year, available projects are provided by the School of Chemistry. See Co-ordinator or Head of School.

CHEM440 Selected Topics in Medicinal Chemistry
Annual Wollongong On Campus
Spring2013/Autumn2014 Wollongong On Campus
Credit Points: 16
Pre-requisites: CHEM330. Entry restricted to BMedChem or BMedChemAdv candidates.
Co-requisite: None
Exclusions:
Subject Description: This subject covers specialist topics in a variety of medicinal chemistry areas. Topics to be selected from could include structure-based ligand design (including computer-aided drug design); structure-pharmacological property relationships; synthesis and applications of radiopharmaceuticals; drug stability and formulation; toxicology and metabolism; advanced synthetic chemistry (including asymmetric synthesis and chiral drugs); bioactive natural products and drug development (including medicinal plant studies), toxicology and advanced proteomics.

CHEM460 Medicinal Chemistry Project
Annual Wollongong On Campus
Spring2013/Autumn2014 Wollongong On Campus
Credit Points: 32
Pre-requisites: CHEM330 and CHEM350. Entry restricted to BMedChem and BMedChemAdv candidates.
Co-requisite: None
Exclusions:
Subject Description: A list of research projects in medicinal chemistry available for study in any one year will be provided by the School of Chemistry. The development of appropriate joint projects within or outside the University is actively encouraged.

CIVL245 Construction Materials
Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: ENGG251 Mechanics of Solids
Exclusions:
Subject Description: The subject is designed to introduce the properties and use of the more common materials in modern construction practice. Topics will include: Concrete - Properties of concrete; structure and composition; cements; mix design; durability; high performance concrete; concrete manufacture Steel - Properties of steel with particular reference to brittle fracture, fatigue, corrosion and fire damage Alternative materials - timber; masonry; polymers; aluminium; composites.

CIVL272 Surveying
Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: Basic concepts - Australian map grid, Integrated survey grid, Australian height datum, control surveys, locating position, errors in measurement, units in surveying and significant figures. Measuring distances, reduced levels and angles. Determining position - traversing, global positioning systems and plane rectangular coordinates. Earthworks and volumes. Setting out - basic procedures, setting out curves, trenches, sewers, buildings and slope stakes for road grade. Introduction to underground surveying. Computer assisted data reduction. In addition to theoretical instruction, fieldwork assignments will be undertaken in electromagnetic distance measurement, traversing, levelling, curve ranging, staking a slope, and, for mining students, practical surveying in an underground environment.

CIVL296 Engineering Computing
Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: The subject introduces students to computer techniques to help in solving engineering problems. EXCEL spreadsheet fundamentals: paste functions, graphics, data analysis using regression and correlation, importing and exporting data, pivot tables, data filter, adding control buttons to worksheets, numerical and matrix applications, solver and goal seek tools. Advanced features of EXCEL: Macros and VBA programming language. Applications of EXCEL to engineering problems

CIVL311 Structural Design 1
Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: ENGG251 Mechanics of Solids
Exclusions:
Subject Description: Introduction to structural design, dead and live loads. Review of limit states design. Design of reinforced concrete structural elements according to AS 3600. Strength and serviceability of reinforced concrete beams and one way slabs. Design of reinforced concrete columns for strength and stability. Design of steel beams and girders to AS 4100. Design of tension and compression members for trusses. Introduction to local and lateral buckling. Design of bolted and welded steel connections.

CIVL314 Structural Design 2
Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: CIVL311 Structural Design 1
Co-requisite: None
Exclusions:
Subject Description: This course will consider an introduction to wind and seismic loads, reinforced concrete structures including the serviceability and strength design of reinforced concrete two way slab and flat plates for multistorey buildings together with reinforced concrete footings and retaining structures. An introduction to the design of prestressed concrete beams for serviceability and strength for both buildings and bridges. Case studies of multistorey building frames.

CIVL322 Hydraulics and Hydrology
Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: ENGG252 - Engineering Fluid Mechanics
Co-requisite: None
Exclusions:
Subject Description: Open Channel Hydraulics - uniform flow; gradually varied flow; changes in channel cross section; hydraulic structures; rapidly varied flow. Flood Hydrology - data collection and analysis; flood frequency; rainfall intensity-frequency-duration relationships; unit hydrograph; design flood estimation; flood routing in rivers and storage reservoirs; water distribution systems.

CIVL352 Structures 1
Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: ENGG251 - Mechanics of Solids
Co-requisite: None
Exclusions:
Subject Description: Statically determinate and indeterminate trusses, beams and frames. Deflection of trusses, beams and frames. Flexibility and stiffness methods. Moment distribution. Influence lines.

CIVL361 Geomechanics
Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: ENGG251 Mechanics of Solids
Exclusions:
Subject Description: Soils and rocks - differences and similarities; cohesionless and cohesive soils; behaviour of intact and jointed rock masses; weight-volume relationships; particle size distribution; index properties of soils; soil classification; soil compaction and compressibility; mechanical properties of rock. Some topics will be presented in a laboratory environment. Pore water pressures and effective stress concept; permeability of soil and hydraulic properties of rock masses; groundwater flow; seepage theory; flow nets. Shear strength of soils and rock masses, total and effective stress parameters, Mohr-Coulomb criterion; Hoek and Brown failure; sliding on planes of weakness. Application of elastic theory for calculating stresses and displacements within soil or rock masses. Stability analysis of soil and rock slopes; stabilisation methods.

CIVL392 Computational Methods in Engineering
Not on offer in 2013
Credit Points: 6
Pre-requisites: CIVL296 and MATH283
Co-requisite: None
Exclusions:
Subject Description: Numerical computation. Taylor series, roots of equations, numerical differentiation, difference tables, linear systems, numerical integration, differential equations. Use of applications software. Numeric Computation and Visualisation - MATLAB interactive, graphically based system for solving mathematical and engineering problems

CIVL394 Construction
Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: CIVL361 Geomechanics 1
Exclusions:
Subject Description: The subject is designed to provide students with detailed knowledge of construction with regard to both surface and underground structures, including construction techniques, stability and maintenance aspects. The following subject material will be covered: Plant and equipment in Civil Engineering practice; Construction processes and quality control; Tunnelling in soft ground and rock; Coffer dams and caissons; Harbour works; Dewatering and grouting methods; Performance monitoring and observational design; underpinning and restoration techniques; formwork and scaffolding. The lectures and tutorials will be complemented with practical project work and a field trip.

CIVL415 Structural Design 3
Not on offer in 2013
Credit Points: 6
Pre-requisites: CIVL311 Structural Design 1 and CIVL314 Structural Design 2
Co-requisite: None
Exclusions:
Subject Description: Advanced design considerations in concrete and steel structures; gravity and lateral load resisting systems for steel, concrete, and mixed construction frames for wind, earthquake and other extreme loads; advanced reinforced concrete design including shear walls and deep beams; integrated topics may include the design of multistorey buildings, car parks or other structures which enables integration of the concepts of structural design and construction.

CIVL426 Design of Masonry Structures
Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: CIVL311
Exclusions:
Subject Description: Focuses particularly on the design of masonry in buildings, although masonry can form part of civil infrastructure. The behaviour of masonry as a material of construction will be developed. It will provided students with the opportunity to develop a technical understanding of masonry, especially its material properties, structural design and construction principles and to a limited extent, the non-structrual detailing in the context of the practices in Australia.

CIVL444 Civil Engineering Design
Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: CIVL361 Geomechanics 1, CIVL311 Structural Design 1, CIVL322 Hydraulics and Hydrology
Co-requisite: None
Exclusions:
Subject Description: Major Civil Engineering design, which will cover an integrated project incorporating geotechnical, hydraulic, structural and transport engineering.

CIVL454 Structures 2
Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: CIVL352 Structures 1
Co-requisite: None
Exclusions:
Subject Description: Ultimate load analysis of beams, plates, slabs and frames in steel and concrete. Column buckling. Shear centre and unsymmetrical bending. Introduction to structural dynamics. Other advanced structural analysis and design methods.

CIVL457 Structures 3
Not on offer in 2013
Credit Points: 6
Pre-requisites: CIVL352 - Structures 1
Co-requisite: None
Exclusions:
Subject Description: Elementary structural concepts using matrix algebra. Structural assemblages. Finite element analysis for one, two and three dimensional problems. Computer applications in statics, stability and dynamics.

CIVL462 Principles of Foundation Engineering

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: CIVL361 - Geomechanics 1
Co-requisite: None
Exclusions:
Subject Description: One-dimensional theory of consolidation, primary and secondary consolidation; normally consolidated and over consolidated soils; settlement analysis.br Relationship between principal stresses at failure, importance of drainage conditions in soils, fully undrained conditions for saturated soils; drained and undrained shear strength of cohesive solids, behaviour of partially saturated soils.br Overburden and lateral stresses, active and passive pressures, Rankine's earth pressure theory, Coulomb's wedge theory, geotechnical aspects of retaining walls, drainage of backfill.br Bearing capacity of foundations; shallow footings and rafts, pile foundations, contact stress and subgrade reaction; use of elastic theory for stress and settlement calculation in soils and rocksbr. Unconfined seepage through earth structure, seepage control in dams, design of filters.

CIVL463 Applied Geotechnical Engineering

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: CIVL361 - Geomechanics 1
Co-requisite: None
Exclusions:
Subject Description: Models of soil behaviour, stress paths in soil mechanics, total and effective stress paths, Stress strain behaviour of different types of soil under drained and undrained conditions; strain-softening; peak, softened and residual shear strength of cohesive soils; pore pressure co-efficients A and B and their use in practical problems. Soil behaviour under earthquake conditions, the phenomenon of liquefaction. Comparison of laboratory and field testing for geotechnical investigation; uncertainties in geomechanics, Analysis of cantilever and anchored sheet piles, analysis of strutted excavations.

CIVL489 Roads Engineering

Not on offer in 2013
Credit Points: 6
Pre-requisites: ENGG251 Mechanics of Solids and CIVL361 Geomechanics I
Co-requisite: None
Exclusions:
Subject Description: The subject is designed to provide students with detailed knowledge of roads engineering: the design of roads both geometrically and structurally, construction and rehabilitation of roads. The subject will cover the following topics: route selection, road location, environmental factors, land information systems, geometric design of rural roads, pavement and subgrade materials, vehicular loading, analysis of road pavements, pavement design, road drainage, recycling pavements, cost analysis, planning and road construction and traffic engineering. All these roads designs are to comply with the requirements of the current Australian Standards and codes of practice. The subject may include a number of tutorials, computer applications and field work.

CIVL491 Applied Finite Element Analysis for Civil Engineers

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: CIVL296 Engineering Computing and MATH283 Mathematics IIE for Engineers Part 1
Co-requisite: None
Exclusions:
Subject Description: Use of engineering applications software, including structural and geotechnical mechanics, using finite element programs for stress, stability, and dynamic analysis. Discrete simulation. Depending on the availability of software other applications may be utilised. Problems will be selected from various areas in engineering.

COMM101 Principles of Responsible Commerce

Autumn Southern Sydney On Campus
Autumn Wollongong On Campus
Spring Batemans Bay On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: The subject provides students with a conceptual tool kit for understanding and practising responsible and ethical Commerce. The topics covered will include the origins of contemporary systems of commerce, ethical and social responsibility in commerce and developments in ethical and responsible commerce. Areas addressed include the environment, globalization, technology, anti-corruption, labour and human rights. Students will examine these issues from a variety of theoretical and practical perspectives and apply them to contemporary commercial contexts.

COMM110 Introduction to Business Information Systems

Not on offer in 2013
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions: Not to count with CSCI101 or BUSS110
Subject Description: This subject examines the roles of information systems in a modern organisation. Topics covered include: information systems and their role in modern organisations; functions and purposes of various information systems and their components; system design and development process; information systems administration and management; social implications of information systems, hands-on experience in the use of productivity software. The practical component includes using the internet, word processing, spreadsheets and database systems.

COMM113 Business Oriented Information Systems

Spring Batemans Bay On Campus
Spring Bega On Campus
Spring Shoalhaven On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions: Not to count with CSCI101 or BUSS110 or COMM110
Subject Description: Information systems (IS) form an integral part of modern organisations and are used to support all aspects of an organisation's daily functions and activities. This subject introduces the fundamental information system concepts that facilitate business processes. It explores how organisations use information, IS and their respective applications to increase profitability, gain market share, improve customer service and manage daily operations whilst understanding the social implications of their decisions. Students will learn about the role of IS in the modern organisation and how IS supports all of the functional areas of an organisation - Accounting, Finance, Marketing, Human Resources and Production/Operations Management.

COMM121 Statistics for Business

Autumn Wollongong On Campus
Spring Batemans Bay On Campus
Spring Bega On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: An introduction to quantitative techniques and their application to business economics. Emphasis will be on statistics and topics will include descriptive statistics, probability, sampling, confidence intervals and hypothesis testing, elementary correlation and regression analysis and the use of computer programs for estimation and analysis.

COMM290 Applied Learning

Not on offer in 2013
Credit Points: 6
Pre-requisites: 48 Credit Points of Commerce Subjects and approval by the Head of School
Co-requisite: None
Exclusions:
Subject Description: This subject will enable Commerce students to earn 6 credit points for participation in one of a variety of workplace learning programs offered by the University, or by an outside organisation/professional association. The program may be a Team based business skills competition or an individual placement which is coordinated via an external agency or that the student organises themselves. Students must satisfy all requirements of their placement or business skills program, and prepare reports as specified by the co-ordinating body. It is the responsibility of the student to find a workplace learning program and present the proposal to the relevant Head of School or delegated staff member for approval. Approval will only be given providing a suitable supervisor within the relevant School is available.

COMM330 Economics and Finance Applied Research Project

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: 72 Credit Points
Co-requisite: None
Exclusions:
Subject Description: The subject is designed to offer students an applied learning opportunity in the field of economics and finance. A variety of options will be offered which may include, for example, an international stock exchange field trip, workplace project or more traditional research project, in order to apply their discipline specific knowledge of economics and finance to a real world issue. Students will define the scope of the economics and finance issue or problem faced, identify the relevant theoretical framework and methodology to be utilised in its analysis, and report findings and recommendations. The intended goal is for students to draw upon key principles of economics and finance learnt through their course and apply this toward an issue of contemporary relevance.

COMM331 Simulation of a Socially Innovative Enterprise

Autumn Wollongong On Campus
Spring Batemans Bay On Campus
Spring Bega On Campus
Credit Points: 6
Pre-requisites: 96 Credit Points including all Commerce core subjects
Co-requisite: None
Exclusions: COMM332, COMM333, COMM334, COMM390
Subject Description: Simulation of a Socially Innovative Enterprise enables students to apply the principles of ethical, socially responsible, and sustainable commerce in a web based designed simulated business environment. The subject is based on a series of lectures and an action based learning project. In the action learning project students will form multidisciplinary teams and run a simulated business (which may include private, public and not for profit organisations) twenty four hours a day for a period of several weeks. Students will be required to make multidisciplinary interactive decisions based on sound ethical, socially responsible and sustainable practice.

COMM332 Start up Plan of a Socially Innovative Business

Not on offer in 2013
Credit Points: 6
Pre-requisites: 96 Credit Points including all Commerce core subjects
Co-requisite: None
Exclusions: COMM331, COMM333, COMM334. COMM390
Subject Description: Start up Plan of a Socially Innovative Business enables students to apply the principles of ethical, socially responsible, and sustainable commerce by involving students in the experience of starting and running a business. The subject is based on a series of lectures and an integrative team project component which involves students working in multidisciplinary teams. Students will work as employees of the business, adopting specific roles and responsibilities associated with starting and running a socially innovative business. Students will be required to work individually and as teams making multidisciplinary, interactive decisions and will engage in hands on, sound, ethical, socially responsible and sustainable practice.

COMM333 Applied Business Research for Social Innovation

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: 96 cp including all commerce core subjects
Co-requisite: None
Exclusions:
Subject Description: This subject introduces students to higher level research skills. The subject is based on a series of lectures and an action based learning project. Students work in a multidisciplinary environment on a selected project about a contemporary commercial issue impacting on society. Students will gain transferable skills with research application including presentation, research process and team working skills. Students will produce submissions

to relevant authorities, professional bodies and the wider academic community through a formal presentation.

COMM334 Intercultural Applications of Socially Innovative Commerce

Not on offer in 2013
Credit Points: 6
Pre-requisites: 96 cp including all commerce core subjects
Co-requisite: None
Exclusions:
Subject Description: Intercultural Applications of Socially Innovative Business enables students to apply the principles of ethical, socially responsible and sustainable commerce in an intercultural business environment. The subject is based on a series of lectures and an integrative team project component. Students investigate socially innovative commercial problems which may include private, public and not for profit organisations for different communities. Students will engage in communities to develop a framework designed for sustainability and social innovation in a multidisciplinary business environment.

COMM351 Business Ethics and Governance

Not on offer in 2013
Credit Points: 6
Pre-requisites: Any 72 Credit Points
Co-requisite: None
Exclusions: Not to count with MGMT351
Subject Description: An examination of the central issues in business ethics, covering topics such as the concept of social responsibility, individual and corporate values, models for making ethical decisions, ethics for the employee, the customer, the environment, the community, the government and the multinational context. Class consists primarily of student-centred discussion and experiential activities. Semester is arranged to take students through a reflective, unlearning process.

COMM390 Commerce Internship

Autumn	Wollongong	On Campus
Spring	Wollongong	On Campus

Credit Points: 6
Pre-requisites: 96 credit points including all Commerce core subjects
Co-requisite: None
Exclusions: COMM3331,COMM333,COMM334, COMM332
Subject Description: Commerce Internship enables students to apply the principles of ethical, socially responsible, and sustainable commerce by integrating and applying their knowledge learned at university in an industry context via an internship. Enrolment in this subject is by invitation only; to attain a place within the Program students competitively apply in the semester prior, are shortlisted for roles and selected industry at interview. The core purpose of the internship is work experiential learning and the application process is part of the learning. Internship roles are available in most disciplines and there are also generalist roles. Interns are placed into government, not-for-profit and private industry. The work experiential learning is complemented by the rigorous academic program embedded in all Commerce capstone subjects.

COMM399 Independent Study

Not on offer in 2013
Credit Points: 6
Pre-requisites: Students must have completed 48 credit points
Co-requisite: None
Exclusions:
Subject Description: This subject will allow students to carry out study in a practical or applied manner into a selected issue in business. This may include, but is not limited to an individual case study, business project, industry or corporate analysis. Students will have the opportunity to look at a contemporary practical issue in a business environment. The specific issues explored will vary from year to year and discipline to discipline. This subject will encourage students to undertake study and analyse on issues of relevance to a business environment. The subject will need to be successfully completed by students undertaking an undergraduate degree offered by the Faculty of Commerce in Dubai. This subject will only be delivered at the Dubai Campus.

COMM480 Honours Research Proposal

Autumn	Wollongong	On Campus
Spring	Wollongong	On Campus

Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: The subject provides Commerce students undertaking honours with a background to the methodology and practice of developing research proposals. It will provide honours students with an introduction to discipline-independent research skills. The topics may include critical elements of research process; theoretical; methodological and substantive aspects of research; literature searching; review and critique; bibliography organisation; methods of analysing; critiquing; formulating arguments and writing and structuring dissertations.

CREA401 Minor Thesis in Creative Arts

Annual	Wollongong	On Campus

Credit Points: 24
Pre-requisites: Entry to the Honours year shall be determined by the Honours Co-ordinator.
Co-requisite: None
Exclusions:
Subject Description: This subject leads to the completion of a thesis of 10,000 - 15,000 words in the area of a candidate's major study. Candidates shall select an appropriate Creative Arts topic for research, approved by their supervisor and the Honours Co-ordinator. Approval shall be subject to the availability of a member of staff with appropriate expertise to supervise and assess progress, and the accessibility of the relevant literature. Thesis work will normally include a critical survey of the available literature. Students will be required to work in close consultation with their supervisor. They will be required to attend a weekly Research Methods Seminar in Autumn session.

CREA402 Creative Arts Presentation

Annual	Wollongong	On Campus

Credit Points: 24
Pre-requisites: CREA401 for part-time students only
Co-requisite: CREA401 for full-time students only
Exclusions:
Subject Description: The presentation of a major exhibition, performance, composition or written folio in the area of a candidate's major study completed in their undergraduate degree. A proposal outlining the proposed submission, its scope, methods of implementation and presentation shall be submitted for approval by the Honours Co-ordinator. Approval is subject to staff availability for supervision and assessment, and the accessibility of relevant resources. Students will be required to work in close consultation with their supervisor.

CSCI015 Computer Applications

Not on offer in 2013
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions: CSCI001
Subject Description: Computer Applications provides information on basic computing concepts, theories and the various applications of Information Technology in society. It also enables you to confidently and competently use an operating system, a variety of application packages including word processing, spreadsheets, and Power Point presentations. The subject is designed to: (i) provide the student with a basic understanding of the operation of a computer, (ii) provide the student with a basic understanding of computer networks, (iii) give the student ample opportunity to use a computer in a wide variety of applications, (iv) enable the student to gain self-confidence in the operation of a computer, (v) enable the student to gain skills in the operation of a computer, (vi) demonstrate the wide application of computers in today's society, (vii) enable the student to use computers as a tool in other subject areas, and (viii) prepare the student to undertake more advanced computing subjects at university.

CSCI102 Systems

Not on offer in 2013
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions: IACT101
Subject Description: CSCI102 establishes the position of Computer Science and Information Technology in a non-programming context. Areas introduced include Human-Computer Interface, Information Modelling, Intelligent Systems, Networks, Operating Systems, Software Design and Development and Professional ethics, rights and responsibilities.

CSCI103 Algorithms and Problem Solving

Autumn	Wollongong	On Campus
Spring	Wollongong	On Campus

Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: CSCI103 introduces the basic concepts of algorithms and their relationship to data structures and problem solving. This subject emphasises problem solving techniques leading to the development of algorithms rather than their implementation or a formal mathematical treatment of algorithms. Topics include sorting, searching and counting problems and the principal algorithms used in their solution. Common approaches to algorithm development and analysis will be examined.

CSCI110 Introduction to W3 Technologies

Spring	Wollongong	On Campus

Credit Points: 6
Pre-requisites: None
Co-requisite: CSCI114
Exclusions: ISIT206
Subject Description: This subject introduces the technologies that underlie the World Wide Web and its commercial applications. Topics include an overview of internet communications covering basic protocols such as TCP/IP and HTTP, an introduction to the web-browser/web-server client-server systems, HTML/XHTML/XML markup languages, web forms, client side scripting technologies, basics of relational databases, and server side scripting languages. Students will build working web-sites with dynamic content. Working in groups, students will explore the uses of one or more of the more elaborate framework applications for web-based collaboration (Web-2 technologies).

CSCI114 Procedural Programming

Autumn	Wollongong	On Campus
Spring	Wollongong	On Campus

Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions: Not to count with BUSS111 or CSCI111 or ISIT111 or CSCI191
Subject Description: CSCI114 introduces the procedural approach to program design and implementation. Covers basic language constructs for defining variables of built-in types, flow control constructs and simple I/O. Explores functional decomposition as a design technique, and the implementation of functions. Introduces simple user-defined data types and aggregates.

CSCI124 Applied Programming

Autumn	Wollongong	On Campus
Spring	Wollongong	On Campus

Credit Points: 6
Pre-requisites: CSCI103 or (CSCI114 and CSCI103)or (CSCI114 and MATH111)
Co-requisite: None
Exclusions: Not to count with CSCI121 or ISIT114
Subject Description: This subject develops a thorough understanding of program design using data structures. It extends CSCI114 and presents pointers, dynamic memory management and exception handling. Other topics include implementation of Sorting and Searching Algorithms including the use of typedefs, void pointers and indexes to generalise algorithms; Implementation of data structures: queues, stacks, linked lists, dequeues, trees; Use of arrays as an implementation structure - hashing, radix sort, heaps and Heapsort; Random Access files and internal I/O; Testing of programs: black and white box testing, and the use of debuggers; Use of multi-file organisation in encapsulation and data hiding, with make files; These concepts will be treated through formal lectures, tutorials, assignments and laboratory sessions employing an object oriented language.

CSCI191 Engineering Programming 1

Autumn	Wollongong	On Campus

Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions: Not to count with CSCI114, ISIT111 or BUSS111
Subject Description: The primary topic areas in this course include, but are not limited to, computer

representation of various data types, the computer instruction set, basic C syntax, logic operators, flow control, functions, arrays, pointers, simple IO, scope of variables, basic microprocessor instruction cycle, relationships between assembly language and C, compilation, linkage and loading of programs. Students will learn structured programming such that problems can be translated from word definition to an intermediate stage and then implementation in C.

CSCI192 Engineering Programming 2

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: CSCI191
Co-requisite: None
Exclusions: Not to count with CSCI124
Subject Description: The primary topic areas in this course include, but are not limited to; use of pointers in C, dynamic memory management, multi-file programs and make, testing and verification of software, problem solving strategies, the role of algorithms in the problem solving process, implementation of algorithms and the properties of algorithms. Basics of C++, classes, function overloading.

CSCI203 Algorithms and Data Structures

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: CSCI124
Co-requisite: None
Exclusions:
Subject Description: Approaches to analysing algorithm complexity, introduced in first year subjects, will be reviewed. The use of abstract data types as a design technique, and their implementation in solutions to problems, will form a large part of the subject. The concept of efficient code and ways to measure efficiency (both empirically, by timings, and theoretically) will be studied.

CSCI204 Object and Generic Programming in C++

Autumn Wollongong On Campus
Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: CSCI124 or CSCI192
Co-requisite: None
Exclusions:
Subject Description: CSCI204 develops a thorough understanding of the object-oriented approach and introduces such object concepts as encapsulation, inheritance, polymorphism and runtime binding. This is complemented by an introduction to object-oriented design, with UML representations at the program level. Templates are introduced as a method of achieving generalisation. Container classes and the Standard Template Library are presented as examples of generic programming.

CSCI205 Software Development Methods & Tools

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: CSCI124 or CSCI192
Co-requisite: None
Exclusions:
Subject Description: This subject provides an introduction to the process of design and analysis of software. Students will receive a formal introduction to the software design process and techniques, pattern design and reuse, as well as general approaches of interface design. A UML supporting tool will be used for practice of object oriented development approach.

CSCI212 Interacting Systems

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: CSCI124
Co-requisite: None
Exclusions:
Subject Description: The subject develops an understanding of the operating system and tools from a programmer's viewpoint. Topics covered include the file system, processes, communication and tools. In particular, access, security, organisation, operating system effect on performance of a program, support, control; process and interaction, inter-process communication; use of shell scripts and commands to enhance problem solving; tools for development process; program paradigms: parallel, distributed, etc.

CSCI213 Java Programming and Applications

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: CSCI124 or CSCI192
Co-requisite: None
Exclusions: ITCS213
Subject Description: This subject provides: 1. an introduction to the Java language and some of its standard class libraries; and 2. experience with object oriented design and implementation techniques. Topics covered will include: use of a Java Integrated Development Environment, Java language, subset of the standard Java class packages (Standard Edition: windowing, graphics, TCP/IP networking, threads, database access, applet, media), security issues with portable code, Java 'Micro Edition' (ME) and its associated packages and applications. Development of applications for different environments.

CSCI222 Systems Development

Autumn Wollongong On Campus
Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: CSCI204
Co-requisite: None
Exclusions:
Subject Description: This subject provides a framework for understanding and developing the necessary skills to successfully undertake the major third year software project. The subject provides an introduction to the practical aspects of the development of a software application following a well defined process. Students will gain experience in the software development cycle, including requirements, design, and implementation, and also learn to exploit implementation support technologies. Assignments will provide experience of structured development work in a small group setting. The implementation language used in illustrations and assignments is C++.

CSCI224 Human Computer Interaction

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: This subject provides students with an understanding of Human Computer Interaction (HCI) design principles and how to apply them in the context of developing usable interactive computer systems. The subject will cover topics including user-centred design, the design process, prototyping, organising and presenting information, user interfaces, interaction styles and devices, usability studies, measuring and evaluating the user experience, etc. for the needs of multiple platforms and emergent devices.

CSCI235 Databases

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: CSCI124
Co-requisite: None
Exclusions:
Subject Description: This subject investigates three major areas of modern database systems: 1. design of relational databases 2. programming of relational databases 3. concurrency control and data recovery in database systems Topics will include: Introduction to conceptual database modelling; Principles of relational database model; Structured Query Language (SQL) and its procedural extensions (PL/SQL, Embedded SQL, JDBC); Database server programming; Normalisation of relational databases; and Transaction management and recovery in database systems

CSCI236 3D Modelling and Animation

Spring2013/Summer2013 Wollongong On Campus
Credit Points: 6
Pre-requisites: 12 credit points of 200 level CSCI subjects
Co-requisite: None
Exclusions: CSCI463
Subject Description: This subject provides students with a hands-on introduction to the use of computers for developing models of three-dimensional objects and viewing them in 3D as still images and animations. Topics covered include basic modelling primitives, from polygons to spline surfaces; tools to modify simple objects; surfacing concepts such as textures and bump maps; basic lighting of scenes; the animation process including key frames, articulated structures, camera movement and morphing; lighting effects such as volumetrics and radiosity. The subject uses the industry standard software package LightWave.

CSCI262 System Security

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: CSCI124
Co-requisite: None
Exclusions:
Subject Description: The subject covers some fundamental computer security technologies in the following aspects: (1) Operating system security such as physical security, file protections, system abuses, attacks and protections; (2) Database security including data integrity, data recover, data encryption/ decryption, access control, and authentication; (3) Mobile code security including malicious logic, host and mobile code protection, mobile agents' security. (4) Intrusion detection; (5) Security policies; (6) Security management and risk analysis.

CSCI311 Software Process Management

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: CSCI205
Co-requisite: None
Exclusions:
Subject Description: The primary aim of this subject is to acquaint students with the formal methodologies associated with the task of managing the software development process. Topics may include: Project Planning, Cost Estimation, Project Scheduling, Factors Influencing Productivity, Productivity Metrics, Risk Assessment and Management, Planning for Change, Release and Configuration Management, Software Process Standards, Software Contracts, Approaches to Maintenance, Long-Term Software Development, Case Studies of Real World Projects, Ethics, Professional Organisations, Legal Implications and Liabilities

CSCI315 Database Design and Implementation

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: CSCI235
Co-requisite: None
Exclusions:
Subject Description: This subject investigates the process of relational database design starting from conceptual database design, through logical database design up to and including physical database design, database tuning and administration. The topics will include conceptual database design based on simplified UML class diagrams (entity classes), methodologies for conceptual design, view integration, logical database design, database normalization and de-normalization, physical database design, generation of database applications, database tuning, design of distributed database systems.

CSCI317 Database Performance Tuning

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: CSCI235
Co-requisite: None
Exclusions:
Subject Description: The subject addresses the performance problems of relational database systems. In particular, it presents optimisation of query processing in relational database systems, performance tuning of database applications, transaction processing in database systems, optimisation of transaction processing, performance tuning of relational database servers, performance tuning of three tier database applications. Laboratory classes demonstrate the techniques used for elimination of performance problems in database systems. Oracle 9i database management system is used for demonstration purposes and all practical work in the subject.

CSCI318 Software Engineering Practices & Principles

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: ECTE250+(CSCI191 or CSCi192) or CSCI205
Co-requisite: None
Exclusions: MCS9318, CSCI425, CSCI925
Subject Description: This subject examines the current state of software engineering both as an academic discipline and as a profession. The subject focuses on issues of requirements engineering, system procurement, and professional practice, and through case studies, the subject considers reasons for the failure and success of various software engineering projects. Topics which may be covered include: Requirements Elicitation, Functional and Non-Functional Requirements, Design Patterns and Refactoring, Reverse Engineering, Software Quality Assurance, Analysis and Verification of Specification and Design, Examples of Formal Techniques in Software Engineering.

CSCI319 Distributed Systems

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: CSCI204
Co-requisite: None
Exclusions:
Subject Description: This subject introduces basic concepts underlying modern distributed systems and provides some experience in the implementation of distributed system components. Topics covered will include: inter-process communications, multi threaded servers, remote-procedure-calls, remote-method-invocations; modern synchronous and asynchronous RPC client server systems and supporting processes; distributed system architectures, messaging and transactional systems; peer-to-peer, cluster, and grid technologies; virtualization and fault tolerance; synchronization; security and naming; supporting systems such as NFS, and DNS, practical exposure to real world distributed systems, design of distributed file services or distributed web based services. A student who successfully completes this subject should be able to: 1.Explain different systems architectures; make sensible choice of systems architectures for different applications; 2.Explain and appropriately utilize different service models including conventional client-server models, peer-to-peer models, cluster computing systems, grid computing mechanisms, and other specialized architectures; 3.Explain structured and unstructured peer-to-peer systems, and be able to implement various aspects of peer-to-peer systems. 4.Explain communications in distributed systems including XML-RPC, NFS, TCP, Message passing, and streaming.For Objectives 5-10 see below.

CSCI321 Project

Annual Wollongong On Campus
Spring2013/Autumn2014 Wollongong On Campus
Credit Points: 12
Pre-requisites: (CSCI222+ CSCI204) or (CSCI213+ CSCI222) AND 12cp of 200 level subjects
Co-requisite: None
Exclusions:
Subject Description: Working in groups, students design, implement, and document a software system. Involves: project planning and scheduling, seminars and individual presentations, group coordination, research of proposed application domain, use of design methodologies, design documentation, coding, module and system integration, testing, verification, and implementation. A small number of project topics have been proposed. Students will form teams, each of which will design, implement and document a solution to one of the proposed projects. Teams will meet weekly with supervisors to discuss progress and problems.

CSCI322 Systems Administration

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: (CSCI204 and 6 cp of 200-level CSCI subjects) or (ISIT212 & ISIT114) or (BUSS312 & ISIT114) or (BUSS214 & BUSS312))
Co-requisite: None
Exclusions:
Subject Description: This subject will cover the practical and theoretical aspects of system administration. The various resource areas which have to be managed will be discussed and examined, and the possible methods of monitoring and controlling them in various systems will be investigated. The features unique to both single processor and networked systems will be investigated.

CSCI323 Artificial Intelligence

Not on offer in 2013
Credit Points: 6
Pre-requisites: CSCI204 and 6cp of 200-level CSCI subjects
Co-requisite: None
Exclusions:
Subject Description: CSCI323 reviews the main components of Artificial Intelligence research including knowledge representation, reasoning, natural language understanding, and perception. Focuses on Expert Systems and the computational models they embody. Introduces the programming languages Lisp and Prolog.

CSCI324 Human Computer Interface

Not on offer in 2013
Credit Points: 6
Pre-requisites: CSCI204 and 6cp 200 level CSCI subjects
Co-requisite: None
Exclusions: not to count with IACT403, IACT931
Subject Description: This subject examines the design evaluation and implementation of interactive computing systems for human use (HCI) and the major phenomena surrounding them. Also considered are joint performance of tasks by humans and machines, structure of human machine communication, social and organisational interactions with machine design, human capabilities to use machines including their learnability as well as algorithms and programming of the interface itself, engineering concerns that arise in designing interfaces, the process of specification design and implementation of interfaces and design tradeoffs.

CSCI325 Software Engineering Formal Methods

Not on offer in 2013
Credit Points: 6
Pre-requisites: CSCI204
Co-requisite: CSCI311
Exclusions:
Subject Description: This subject introduces students to formal methods for software specification. The role of formal methods in the software development process is explained, and it is illustrated with case studies of the industrial application of formal methods. The subject uses the Z notation as an example of a formal specification technique, and software tools for the manipulation of Z specifications are introduced. Case studies in the application of formal methods to safety-critical and real-time software systems are presented.

CSCI330 Operating Systems

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: CSCI212
Co-requisite: None
Exclusions: CSCI231
Subject Description: CSCI330 develops a thorough understanding of the principles and concepts of modern computer operating systems. Topics covered will broadly include, process management, resource allocation, OS kernel, memory management, concurrency and file systems. Specifically the subject will include discussions on, process concept, synchronisation, concurrency control, threads, inter-process communication, deadlock prevention, avoidance and detection, micro and monolithic kernels, multi-tasking, interrupt handling, system and user processes. System calls, problems of allocation, protection and sharing, memory mapping schemes, CPU scheduling algorithms, real-time scheduling, naming and directory schemes, disc space allocation, file protection and access control and operating system security

CSCI336 Computer Graphics

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: CSCI204 and 6cp of 200-level CSCI subjects
Co-requisite: None
Exclusions:
Subject Description: Introduction to computer representation of lines and points; mathematical models; transformations in 2 and 3 dimensions; homogenous coordinate systems; fill algorithms; solid modelling; hidden line and surface algorithms; lighting models; and current trends.

CSCI337 Organisation of Programming Languages

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: CSCI124
Co-requisite: None
Exclusions:
Subject Description: CSCI337 develops an understanding of major programming paradigms including imperative, functional, logical, object-oriented, and procedural paradigms. Introduces formal language specification. Covers language definition and syntax; data types and data structures, control structures and data flow; run-time considerations; and interpreted languages.

CSCI342 Mobile Applications

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: CSCI212 & CSCI224
Co-requisite: None
Exclusions:
Subject Description: This subject gives students an appreciation of application development for mobile devices including issues such as data persistence, mobile interface design, web integration and deployment. In addition to this, the technical skills necessary to develop applications using several languages, frameworks and tools are practiced.

CSCI346 Game Development

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: CSCI236
Co-requisite: None
Exclusions:
Subject Description: Subject introduces the game development and production lifecycle. Students are exposed to the different game genre and how they affect game play. The design and development of different game plays are introduced. The subject allows students to explore the appreciation and critical review of modern games. There is a hands-on aspect of the subject where students design and develop games of different genres using appropriate game development framework.

CSCI350 Internship

Not on offer in 2013
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: The core of the internship program is a six to eight weeks period of work placement spent in supervised work in environment-related work during the summer. The summer internship is not compulsory and when carried out as per the regulation of the College of Informatics and Computer Science can be counted as one of the elective courses only, so it cannot substitute for any required course. While the precise nature of internship will vary considerably, students will normally gain experience in some of the following areas: Software/hardware analysis, design, development and testing; The use and application of Software/Hardware tools in the design, development and implementation of problem solutions; Database design and development; Database implementation and maintenance; Installation and testing of hardware/software systems; Systems maintenance; Customer support; Software support for research projects; Software/Hardware evaluation and re-engineering. The internship requires a good deal of planning and arrangements from both the student side and the University side and have to be made in advance for it to serve its purpose. Students interested in the internship program must i) secure an internship position, and ii) approach the college before the beginning of the summer semester and submit an internship proposal. The university will do its best through the career advisor office and the College to secure internship positions every summer but it does not guarantee a placement for students. The internships available through the university will be distributed on a merit base and with consultation with external partners.

CSCI356 Game Engine Fundamentals

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: CSCI204
Co-requisite: None
Exclusions:
Subject Description: The subject will employ an appropriate game engine to illustrate the use of an application programming interface (API) in the design and development of physics and artificial intelligence models for computer games. The subject will cover topics including, dynamics of particles, collision, rigid body dynamics and collision, gravity and projectiles, spring systems, water and waves. 'Artificial intelligence' topics include finite state machines, fuzzy state machines, etc. The subject also covers the development of terrain, sound, etc, for games.

CSCI358 Security Engineering

Not on offer in 2013
Credit Points: 6
Pre-requisites: 12cp of 200-level CSCI subjects
Co-requisite: None
Exclusions:
Subject Description: This subject develops the skills and applies the knowledge necessary to identify and solve problems in the deployment of security systems. Topics include: Relationships among cryptographic techniques. Black, white and grey hat techniques. Authentication versus identification, Security policies for security administration. Security monitoring. E-commerce, bank security. File sharing and source control integrity. Legality of digital signatures,

DRM, forensics, liability, copyright protection, internet censorship. Standards and RFCs. Security of deployed systems.

CSCI361 Cryptography and Secure Applications

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: (CSCI204 or CSCI213) plus 6cp of 200-level CSCI subjects
Co-requisite: None
Exclusions:
Subject Description: This subject develops the skills and knowledge necessary to identify and address security problems in a variety of simple communication models. Topics covered include: Classical cryptology, Modern secret key cryptography including block (DES, AES) and stream ciphers (RC4), security properties (authentication, integrity, confidentiality, availability), public key cryptography (knapsacks, RSA, Rabin, Elgamal), digital signatures (RSA, DSS, Elgamal) , hashing (birthday paradox, Merkle-Damgard construction), MACS's, Key management (PKI, certificates, key establishment/exchange/transport, Diffie-Hellman), Identification protocols, Privacy preserving (mix-nets), Secret sharing. Applications studied include some of: email security, SET, E-payment, E-voting, Fair exchange.

CSCI366 Multimedia Computing

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: CSCI204
Co-requisite: None
Exclusions:
Subject Description: The subject will introduce the acquisition, representation, compression, transportation/communication and consumption of multimedia data including, images, video and audio. The treatment will be general and cover commonly used acquisition devices including digital still and video cameras, audio microphones; colour representation techniques for images and video; modern compression techniques for compact representation (JPEG, JPEG2000, H.264/AVC, MPEG4,); RTSP, etc. The subject will include a laboratory component where students design and implement simple applications of multimedia including computer games.

CSCI368 Network Security

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: CSCI361
Co-requisite: None
Exclusions:
Subject Description: This subject provides a survey of network security technologies, and explores them in practice. This includes but is not limited to, network-based threats, security failure in cryptographic and network protocols, authentication servers, certificates and public-key infrastructures, security provisions in communication protocols and standards, electronic mail security, firewalls and intrusion detection systems.

CSCI370 Special Topics in Computing Science A

Not on offer in 2013
Credit Points: 6
Pre-requisites: 12 credit points of CSCI or IACT @ 200 level
Co-requisite: None
Exclusions:
Subject Description: Topics selected from the areas of interest of staff members or visiting faculty. Consult the Head of School for details.

CSCI371 Special Topics in Computing Science B

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: 12 credit points of CSCI or IACT @ 200 level
Co-requisite: None
Exclusions:
Subject Description: Topics selected from the areas of interest of staff members or visiting faculty. Consult the Head of School for details.

CSCI372 Special Topics in Computing Science C

Not on offer in 2013
Credit Points: 6
Pre-requisites: CSCI213, CSCI204 and CSCI235
Co-requisite: None
Exclusions:
Subject Description: The aim of this subject is to enhance students experience in open source software development. Objectives of the subject are: * Understand and use software development lifecycle tool (Jazz Hub IBM) * Use distributed revision control * Self manage software team * Work with distributed sub teams * Demonstrate knowledge of debugging tools Students will be enhancing the OpenMRS Medical Record System

CSCI373 Special Topics in Computing Science D

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions: CSCI425
Subject Description: Topics selected from the areas of interest of staff members or visiting faculty.

CSCI398 Introduction to Enterprise Computing

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: CSCI399
Co-requisite: None
Exclusions: CSCI407
Subject Description: The aim of this subject is to equip students with an understanding of the technologies that underlie distributed enterprise systems. The origins of these technologies and the development of container/component models for applications will be explored. The subject will include coverage of remote invocation mechanisms, lifecycle issues, and supporting services. Issues of scale will be explored including "NoSQL" database systems for "internet scale datasets". Students will complete introductory assignments that provide basic experience in a number of these advanced technologies.

CSCI399 Internet Applications

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: CSCI213 and CSCI110 or ISIT206 and CSCI213
Co-requisite: None
Exclusions:
Subject Description: This subject provides a more advanced perspective on the use of Internet technologies for delivering computing services. Topics may include HTML5 for modern browsers and mobile devices, CSS, Javascript and other libraries for creating rich internet applications, support for mobile web clients and location dependent services, content delivery using XML and XSLT, data feeds and syndication, web-server configuration management and security, automated object-relational-mappings and data persistence, session-state management, content generation templates, and model-view-control server side frameworks in PHP/Java/.Net. There will also be brief coverage of more advanced topics including scalability, reliability, security, content distribution, and deployment "in the cloud".

CSCI400 Computer Science Honours Project

Annual Wollongong On Campus
Spring2013/Autumn2014 Wollongong On Campus
Credit Points: 18
Pre-requisites: None
Co-requisite: CSCI441
Exclusions: CSCI401
Subject Description: It is an honours research project conducted under the supervision of academic staff in the school. It provides an opportunity for the student to engage in research training in general and to specialise in an area of mutual interest to them and their supervisor.

CSCI405 Computer Science Joint Honours

Not on offer in 2013
Credit Points: 24
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: The thesis is usually integrated with the other academic unit. The subject comprises one half of CSCI401. A topic for the thesis will be determined in consultation with the other academic unit. See the Computer Science co-ordinator for advice.

CSCI410 Formal Methods in Software Engineering

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: 24cp @300 level
Co-requisite: None
Exclusions: CSCI325
Subject Description: This subject introduces students to formal methods for software specification. The role of formal methods in the software development process is explained and investigated. The subject uses the Z notation as an example of a formal specification technique and introduces software tools for the creation and manipulation of Z specifications. Case studies of safety-critical and real-time systems are used as a basis for a study of the application of formal specification techniques. Topics will include: Introduction to formal approaches to design and specification, Review of mathematical foundation for formal methods, use of assertions and proof, analysis and verification of specification and design, disciplined approaches to design change, Z notation and its related software tools.

CSCI411 Special Topics in CS & SE A

Autumn Wollongong On Campus
Spring Wollongong On Campus
Credit Points: 12
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description:

CSCI412 Special Topics in CS & SE B

Not on offer in 2013
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: Topics selected from the areas of interest of staff members or visiting faculty.

CSCI424 Reasoning and Learning

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: 24 cp @ CSCI 300 level
Co-requisite: None
Exclusions:
Subject Description: This subject introduces students to the concepts of agents and heuristics used in intelligent reasoning and learning systems. Topics covered include multi-agent systems, agent safety, agent liveliness, computational heuristics, machine learning techniques, case based and other forms of knowledge reasoning, temporal reasoning, knowledge extraction, ontology and complexity. It examines software architectures and programming systems for implementing reasoning, learning, searching and modelling to solve intelligent systems' problems in the presence of incomplete information.

CSCI426 Software Testing and Analysis

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: 24 cp @ 300 level
Co-requisite: None
Exclusions:
Subject Description: Testing is a crucial task in the software development life cycle, and can easily exceed fifty percent of a project's total development cost. This subject will provide students with practical software testing and analysis methods for software quality assurance. Topics may include: software qualities, static analysis methods including reviews and analysis by tools, specification-based or black-box testing techniques, structure-based or white-box testing techniques, debugging techniques, data flow analysis, model checking, automation of testing, quality assurance for Web applications, testing for software security, testing throughout the software life cycle, test management, and the psychology of testing. Practical components will include designing and implementing strategies and methods to test real-world programs effectively and efficiently.

CSCI427 Service-Oriented Software Engineering
Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: 24cp @CSCI 300 level
Co-requisite: None
Exclusions:
Subject Description: This subject aims to provide students with a thorough understanding of the software engineering aspects of the increasingly important service-oriented computing paradigm. Topics covered include service-oriented architectures, service modeling and requirements analysis, service semantics, service discovery, service design, service composition, service inter-operation, QoS factors, service-level agreement management, business process modeling and management, lifecycle management, compliance management, distributed transaction management, privacy and trust. The subject will involve industry guest lectures and a practical development project.

CSCI435 Computer Vision
Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: 24cp @CSCI 300 level
Co-requisite: None
Exclusions:
Subject Description: This subject is designed to equip the student with an understanding of the fundamental tools required to analyse, design and implement computer vision systems. Topics covered include low-level, mid-level, and high-level vision; image formation; camera model and calibration, stereo vision; edge detection and segmentation; thinning and skeletonising, binary morphological operations; object recognition, image interpretation and scene understanding.

CSCI436 Visualisation
Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: CSCI336
Co-requisite: None
Exclusions: CSCI463
Subject Description: This subject examines a broad range of visualisation techniques used in industry to assist researchers in analysis and interpretation of data. It introduces general techniques for the display of univariate, multivariate and vector data in one, two and higher independent dimensions. The underlying geometric computational techniques are presented as well as their application in specific fields. Topics include such areas as splines, contours, Voronoi diagrams, height fields, vector fields, atomic modelling and 3D scalar fields.; Research papers provide source material for the majority of this subject.

CSCI441 CS Research Methodology
Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions: IACT441
Subject Description: The program of study for this subject consists of attendance and participation at a series of seminars on research methodology (including quantitative and qualitative analysis). Seminars will cover the purpose of research, formulating a research question, conducting a literature review and writing a research proposal. Students will learn how to design an appropriate research plan. Requirements for scholarly writing will also be discussed and the process of undertaking a research project will be analysed.

CSCI444 Perception and Planning
Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: 24cp @300 level
Co-requisite: None
Exclusions:
Subject Description: This subject explores ways in which a robot can combine data from a variety of sensors to create or update a model of its environment, and then use this model to infer the consequences of proposed actions. The subject will cover the use of internal sensors, such as those measuring odometry and location, and external sensors including those for touch, vision, and range finding.

CSCI446 Multimedia Content Management
Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: 24cp @300 level or CSCI213 & INFO202 or ITCS213 And INFO202
Co-requisite: None
Exclusions:
Subject Description: This subject covers the creation and management of digital media for multimedia applications. Multimedia systems combine images, graphics, audio and text to interactively communicate information. Each of these media has its own standards, algorithms and file formats. The foundations strand examines the principles of how media is created, described and managed. The practical strand explores the acquisition and editing of digital video and audio with professional tools.

CSCI450 Software Engineering Requirements and Specifications
Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: 24cp @ 300 level
Co-requisite: None
Exclusions:
Subject Description: Software development can be viewed as an activity in which useful things are built to serve recognisable purposes. For software developers, these 'useful things' are a special kind of machine known as software systems, and the 'purpose' of these machines is to help solve problems in some application domain. This subject emphasises the importance of understanding the application domains that software systems interact with and the problems we try to solve in these domains. The subject focuses on writing explicit and precise descriptions known as: 1. Requirements - descriptions of application domains and the problems to be solved there; 2. Specifications - descriptions of the interface between the machine and the application domain. The subject addresses techniques used to record, elicit, and reason about these descriptions. The subject examines the approach to Requirements and Specification techniques taken by a range of systems engineering methodologies. The concepts of method engineering are introduced and the role of software tools to support this activity is discussed.

CSCI464 Computational Intelligence
Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: 24 cp @ 300 level
Co-requisite: None
Exclusions:
Subject Description: This subject introduces students to the basics of 'soft' computing. Primary focus will be on artificial neural networks, with some attention also given to genetic algorithms, (evolutionary computing), fuzzy logic and neurofuzzy expert systems. Several application areas will be discussed, primarily pattern recognition and/or classification.

CSCI466 Coding for Secure Communication
Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: 24cp @ 300 level
Co-requisite: None
Exclusions:
Subject Description: This subject provides a fundamental understanding of information protection and efficient coding strategies that can be used to ensure correctness, security and authenticity of data. It uses entropy as the universal measure of information to analyse and explore fundamental bounds on the performance of secure and reliable storage and communication systems, and examine a range of coding schemes that form the main building blocks of such systems. It will include the following topics. i) redundancy in data and compression algorithms ii) efficient error control strategies for secure and reliable communication and storage systems; iii) coding methods for secrecy and authenticity.

CSCI468 Advanced Network Security
Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: This subject begins with a review of typical networking structures, and a brief overview of security concerns. The effect on security of different network architectures will be considered. Protocol design and analysis will be treated in depth, in particular authentication and key exchange/establishment protocols. Distributed or server aided computation will be studied. Theoretical and practical aspects of traffic analysis, intrusion detection and intrusion prevention systems will be studied. A range of additional topics, such as wireless security and reverse engineering, will be included as appropriate.

CSCI471 Advanced Computer Security
Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: 24cp @300 level
Co-requisite: None
Exclusions:
Subject Description: This subject provides a review of computer security. Topics include: digital signatures, elliptic curve cryptography, El Gamal public key methods, the Advanced Encryption Standard (AES), Security Standards, Security Evaluation Standards, Linear Cryptanalysis, Differential Cryptanalysis.

CST 120 Culture of Everyday Life
Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions: MACS120
Subject Description: Everyday life is generally taken as an unquestioned given. This course takes this supposedly normative everyday and examines as complex cultural production and a field of contestation. Providing an overview of the key concepts, theorists, and research in cultural studies, we will ask: what is culture; how does culture 'work' in the context of everyday life; why is it important to analyse culture? In exploring these questions we will address: the nuanced and complicated ways that everyday life can be understood in national and international contexts; how cultural difference is produced and practiced, at the level of nation (and beyond); and how ideas about citizenship and place intersect with gender, sexuality, race, and ethnicity.

CST 130 Cultural Studies
Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: In this course, we will explore multiple and alternative cultural experiences and examine what different meanings, forms of belonging and life worlds these practices produce and how they are represented. We will investigate key concepts, such as: culture, nation, place, representation, identity, gender, sexuality, class, embodiment, power, race and ethnicity, and post-colonialism. In addition to introducing students to critical cultural theory, this course will explore cultural studies methodologies and the fundamental skills of critical thinking, reading and writing.

CST 222 Global Television and Cultural Identity
Autumn Wollongong On Campus
Credit Points: 8
Pre-requisites: 36 credit points at 100 level
Co-requisite: None
Exclusions: MACS222
Subject Description: The subject will explore some of the major developments currently facing global television and impacting on cultural identities, including the rise of new cultural practices and modes of viewing (consumption), production and distribution networks and a range of glocalised formats/texts/genres and their dynamic links to cultural identity. It will provide critical theories with which to analyse the fundamental transformation of globalised media and their impact on cultural identity. Students will examine issues of online global communications, political economy, media narratives and audience research within dynamic transmedia contexts. Topics investigated will include: soft power aspirations; cross-cultural collaboration of content and formats; impact of sport TV programs on cultural identity; processes, practices and geography of presentation and co-production; new cross-cultural modes of consuming 3D, online, children's, and mobile TV content.

CST 228 Happiness: Investigating its causes and conditions

Autumn Wollongong On Campus
Credit Points: 8
Pre-requisites: 36cp at 100 level
Co-requisite: None
Exclusions: MACS325 or MACS228
Subject Description: We will explore what is known about the causes and conditions for happiness as individuals, in interpersonal relationships and as society. The question 'how can we be happy?' will be approached in an interdisciplinary fashion though various perspectives including cultural studies and cultural angles on psychology, economics and sociology. Students will develop skills and concepts for being informed, responsible independent learners who can solve problems, communicate effectively and use appropriate research methods of observation and questioning (interviews and surveys).

CST 234 Cultural Investigations

Autumn Wollongong On Campus
Credit Points: 8
Pre-requisites: 36 credit points at 100 level
Co-requisite: None
Exclusions:
Subject Description: Cultural Investigations explores the 'doing' of cultural studies as practice, theory and ethics. The course will provide grounding in contemporary cultural studies debates and theories of cultural methodologies. We will investigate, and question, how one undertakes engaged cultural research, and the challenges and transformation that are emerging with new cultural theories. Importantly, we will explore how theory and practice inform each other. In addition to exploring contemporary cultural studies methodologies, students will develop skills to undertake their own research project, including the importance of conceptualising key terms and evaluating appropriate methods and styles of 'writing up'.

CST 240 Contesting Cultures

Spring Wollongong On Campus
Credit Points: 8
Pre-requisites: 36cp at 100 level
Co-requisite: None
Exclusions:
Subject Description: This subject will explore the nature of cultural studies as a 'discipline' through investigation of a series of key cultural moments in which cultural conflict or contestation takes place. That is to say, we will study situations where people understand the world in significantly different ways. We will first study the foundational concepts of cultural studies as they emerged and were applied to issues like youth culture and street crime. We will then apply those concepts to contemporary issues while also investigating the emergence of new concepts and ways of thinking in cultural studies. While moments of cultural contestation might include stem cell research, same sex marriage and climate change students will be encouraged to explore their interest in a cultural conflict of their own.

CST 301 Culture and Emotion

Spring Wollongong On Campus
Credit Points: 8
Pre-requisites: 16 cp at 200 level
Co-requisite: None
Exclusions: MACS301 or CCS 301
Subject Description: This subject will explore the many dimensions of emotion in everyday social and cultural life. It will focus on how emotions are understood and experienced in individual and social contexts. Drawing on a variety of cultural and critical understandings, this subject will examine a range of emotional states such as (but not limited to) grief, fear, hate and love. Students will explore these spaces of emotion through different cultural texts and critical sites, and will be encouraged to investigate how emotions are deployed in current social and political debates. A dimension of the subject will be the exploration of emotion as represented and evoked in narratives. Students will use some basic creative writing activity to investigate emotion.

CST 320 Diasporic Cultures

Not on offer in 2013
Credit Points: 8
Pre-requisites: 16 cp at 200 level
Co-requisite: None
Exclusions:
Subject Description: Students will be introduced to a range of contemporary diasporic texts, originating in African and Asian encounters with Western colonialism. The module will adopt as its rationale an exploration of the "rootlessness of being" which the Hong Kong film maker, Clara Law (1996) defines as endemic to postcoloniality / postmodernity, and the way the texts studied here both produce, and are produced by, world culture.

CST 333 Hollywood and Beyond: Genres Across Cultures

Spring Wollongong On Campus
Credit Points: 8
Pre-requisites: 16 credit points at 200 level
Co-requisite: None
Exclusions: MACS333
Subject Description: This subject explores the cultural and political meanings and contexts of film genres in the global marketplace. The first section examines generic exchanges between Hollywood and Europe, focusing on the western in America and Italy, the melodrama in Hollywood and Spain and black comedy in Britain. Section two focuses on East West dialogues, tracking noir films as they move from Hollywood to Hong Kong and examining horror films travelling from Japan to America in order to ask what is lost or gained in such acts of cultural translation. In the final section we look at the challenges to genre posed by the emergence of new industrial and aesthetic strategies in international film, focusing on the political economy of the blockbuster and the power of an increasingly transnational celebrity culture.

CST 340 Genre Fictions

Spring Wollongong On Campus
Credit Points: 8
Pre-requisites: 16 credit points at 200 level
Co-requisite: None
Exclusions:
Subject Description: This subject takes genre fiction as a specific field of cultural production. Students will analyse a range of genres in order to define how generic characteristics can change across cultures and differing historical periods. This subject will examine in detail: theories of genre; genre and identity, filmic adaptations, readership/audience and the problematics of prizes and accolades.

CST 350 Culture and the Creative Economy

Not on offer in 2013
Credit Points: 8
Pre-requisites: 16 credit points at 200 level
Co-requisite: None
Exclusions:
Subject Description: The subject looks at the role of culture in the creative economy. We explore the design of creative events and spaces, from community festivals to art galleries and film tourism, as strategies for sustaining local community and stimulating employment within regional and urban economies. With a focus on the alignment of theory and practice in applied cultural research, students design and complete a project that is locally sensitive, and collaborative in its approach to community engagement. We also reflect critically on the role of the university as a cultural producer. Students develop a critical understanding of cultural policy, and gain an expanded sense of where culturally trained graduates might seek future employment.

CST 360 Sex, gender and Sexuality

Spring Wollongong On Campus
Credit Points: 8
Pre-requisites: 16 credit points at 200 level
Co-requisite: None
Exclusions:
Subject Description: This course will explore the cultural studies of gender and sexuality. We take as our primary focus the interrogation of gender as a 'natural' or 'normal' phenomenon. We will question the meanings of femininity, masculinity, and sexual norms, and explore how ideas about gender and sexuality shape social roles, identities, and lived experience. Our analysis here will always be attentive to the ways race, nationality, class, and ethnicity function in the experience of gender and sexuality. Topics we will investigate include: embodiment; critical heterosexuality; female masculinity; gender, the state, and globalization; and reproduction. In addition to introducing students to the growing body of gender and sexuality studies scholarship, this course will emphasize the development of reading, writing and critical thinking skills.

CST 370 Critical Race Studies

Not on offer in 2013
Credit Points: 8
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: The subject will track the development of race studies from the Enlightenment period and will engage students in cultural studies scholarship around race and culture focusing on a range of contemporary approaches including Orientalism, whiteness studies, Indigenous Studies and postcolonial debates. The subject will examine these topics in relation to class, gender, sexuality, and nation & sovereignty.

DESN190 Design Principles

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: This subject provides an introduction to fundamental principles of design within the context of developing specific skills in graphic design. It will address aspects of formal composition, typography, image and digital layout. Students will have the opportunity to explore creative solutions to project briefs and in the process develop fundamental digital computer skills and design literacy.

DESN290 Design Practice

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: DESN190 or 24cp of 100 Level Bachelor of Digital Media subjects
Co-requisite: None
Exclusions:
Subject Description: This subject develops skills and understanding in design practice for a range of electronic delivery platforms. Students learn fundamental principles of interface design and explore creative solutions to web and new media design project briefs.

DIET450 Dietetics 1

Autumn Wollongong On Campus
Credit Points: 8
Pre-requisites: SHS 250
Co-requisite: BMS 311 or SHS 351; BMS 310 or SHS 353
Exclusions: BND 434 or GHMA934 or DIET950
Subject Description: Dietetics concerns the manipulation of food and dietary data with the aim of supporting nutritional health. This subject focuses attention on the nutritional needs of individuals, particularly in community health and some clinical settings, where nutritional intervention will improve or support the quality of life. As the first of two dietetics subjects, this subject will introduce you to the theoretical knowledge that forms the foundation of safe and effective practice in clinical nutrition and dietetics. It will draw upon much of your earlier studies. In particular you should revise your understanding of nutrition through the life cycle, human physiology and metabolic biochemistry.

DIET451 Dietetics 2

Autumn Wollongong On Campus
Spring Wollongong On Campus
Credit Points: 8
Pre-requisites: DIET450 or DIET950
Co-requisite: DIET452
Exclusions: DIET951 or BND 434 or GHMA934
Subject Description: Dietetics concerns the manipulation of food and dietary data with the aim of supporting nutritional health. This subject follows on from content covered in Dietetics 1; and focuses on medical nutrition therapy primarily at a level appropriate for tertiary healthcare interventions. Most (but not all) of the nutrition interventions taught within this subject would often be required in a hospital setting, although patients would require ongoing support where their condition is chronic. Specialist areas of dietetic practice include gastroenterology, oncology, HIV/AIDS, renal disease, intensive care, coeliac disease, liver disease, dysphagia, total parenteral and enteral nutrition, pulmonary disease and paediatrics. Relevant pathophysiology and biochemistry is covered within the subject but students may require general revision of these

areas in preparation for particular lectures. The subject includes medical lectures from specialist consultant practitioners and dietetics lectures from guest dietitian lecturers, experienced in the relevant areas. Case studies and tutorial work is also included within the lecture framework.

DIET452 Communication in Healthcare Practice

Autumn Wollongong On Campus
Spring Wollongong On Campus
Credit Points: 8
Pre-requisites: DIET450 or DIET950
Co-requisite: DIET451 or DIET951 or BND 434 or GHMA934
Exclusions: GHMA933 or DIET952 or GHMA929 or BND 433
Subject Description: The subject will introduce students to the theory and practice of communication in the professional work environment, emphasising successful communication in a range of contexts. These include client counselling, small group education, community consultation, participation in meetings, working with the media and conflict resolution. In order to promote teamwork and group skills, the subject is taught on a small group basis, and the student should prepare for each activity. In order to promote an understanding of how people learn in small groups, students are asked to keep a reflective journal and to critique the process at the completion of the subject.

DIET454 Practical Studies in Nutrition and Dietetics

Annual Wollongong On Campus
Autumn Wollongong On Campus
Spring Wollongong On Campus
Credit Points: 24
Pre-requisites: BND 433 and BND 434 and BND 435 OR DIET450 and DIET451 and DIET 452 and DIET456
Co-requisite: None
Exclusions: GHMA937 or DIET954
Subject Description: This subject comprises a practicum of at least 18-20 weeks duration which is spent in hospitals, community health centres, and other food-related organisations. Students will be under the supervision of experienced practitioners appropriate to the placement requirements. This placement is designed to develop the student's skills and competencies in a range of areas including specialised therapeutic diets and the provision of community nutrition programs. It also provides the students with opportunities to rehearse and demonstrate both interviewing and counselling skills, as well as information and behaviours required to allow the Dietitian to operate as an independent professional. Awareness of, and behaviours consistent with the knowledge of ethics requirements, confidentiality, accountability and other responsibilities of the autonomous professional operating either independently or as a member of a multidisciplinary team should be demonstrated by the student.

DIET455 Research Project in Nutrition and Dietetics

Not on offer in 2013
Credit Points: 16
Pre-requisites: BMS 312 or SHS 352
Co-requisite: None
Exclusions:
Subject Description: This subject provides students with the opportunity to participate in a research project in Nutrition and Dietetics, supervised by a member of staff or co-supervised by a practising deititian in a work setting. Students will gain experience in literature searching and critical analysis, experimental design, data collection, analysis and interpretation plus skills in report writing and oral presentation plus work as a member of a research team. Students will normally work in groups in the data collection phase or will work on analysing existing data sets.

DIET456 Food Service and Dietetics Management

Autumn Wollongong On Campus
Spring Wollongong On Campus
Credit Points: 8
Pre-requisites: DIET450
Co-requisite: None
Exclusions: GHMA935 or DIET 956 or BND435
Subject Description: This subject is an introduction to the management food service operations and hospital dietetic departments. It will focus on the development of small and large scale cooking skills, menu planning and standard recipe manipulation in keeping with dietetic modifications. It will also develop the necessary skills and knowledge base to assist in and/or manage the provision of meals via an institutional food service. Aspects of organisational design, leadership, motivation, negotiation, resource management, decision making and power will be explored.

DIET459 Research Project in Nutrition and Dietetics

Not on offer in 2013
Credit Points: 24
Pre-requisites: DIET451
Co-requisite: DIET454
Exclusions: DIET455 OR DIET959 OR SHS 352
Subject Description: This subject is designed to provide students with the skills to demonstrate excellence in research in an area of Nutrition and Dietetics with a clear understanding of a research question in relation to the current knowledge. Students will be able to plan, design and perform a research project, collect, analyse and evaluate data, synthesise results and integrate with the relevant ideas and concepts, communicate findings and work within OH&S and ethical requirements.

DIGC202 Global Networks

Spring Wollongong On Campus
Credit Points: 8
Pre-requisites: 36cp at 100-level
Co-requisite: None
Exclusions:
Subject Description: New media and computer mediated communication transcend many of the boundaries that have organised and operated in societies. This subject investigates the growing impact of this 'cyberculture' on the organisation of contemporary culture and society. The subject will address the following themes: new media law and intellectual property issues, the transformation of advertising and economies of the entertainment industries, transnational cultural flows, globalisation, digitalisation, work and production, and global and 'glocal' impacts of the knowledge economy.

DIGC210 Digital Dissent

Autumn Wollongong On Campus
Credit Points: 8
Pre-requisites: 36cp at 100-level
Co-requisite: None
Exclusions:
Subject Description: Digital communication technologies are developed by researchers and corporations, regulated by governments and used as tools by activists. This subject looks at policy debates about how these technologies should or can be controlled and activist debates about how to use technologies to promote social change. Possible topics include Internet filtering, domain name disputes, smart mobs, hactivism and e-waste. The subject locates communication technologies in the context of broader processes of social control by powerful interests and their use as part of strategies for challenging these interests.

DIGC302 Digital Communication Practice: Final Project

Spring Wollongong On Campus
Credit Points: 8
Pre-requisites: 16 credit points at 200-level
Co-requisite: None
Exclusions:
Subject Description: In order to facilitate the completion of projects begun in previous subjects in the digital communication specialization program, this special topics/project subject is fundamentally a form of directed/independent collaborative study that allows students to explore concepts/issues in more depth and/or complete a project that demand linkages with other departments (for example in the completion of a digital game production a connection to animators and computer science programmers would be part of the project). The objective of the subject is to actually produce some outcome whether that is in the form of an in-depth study of an aspect of new media and digital culture or whether that is a completed production/game/website. The week-to-week structure of the subject allows for testing of ideas and elements of a project through presentations to class mates and lecturers. A final exhibition is organised for the last week of the semester of all projects.

DIGC310 Digital Game Cultures

Autumn Wollongong On Campus
Credit Points: 8
Pre-requisites: 16 credit points at 200-level
Co-requisite: None
Exclusions: DIGC201
Subject Description: This subject investigates the emergence of digital games cultures as a key element of the global creative economy. The subject analyses computer and video games from the perspectives of both players and industries, situating games within a continuum of human play activities and examining the trajectory of the commercial games industry from early forms of console gaming to contemporary forms such as MMOGs and machinima. In addition to covering topical issues such as violence in videogames and game censorship, students acquire practical skills in game development through collaborating on a project to design a game over the course of the session.

DIGC330 Digital Asia

Spring Wollongong On Campus
Credit Points: 8
Pre-requisites: 16 credit points at 200-level
Co-requisite: None
Exclusions:
Subject Description: This subject introduces students to the evolution of Asian digital media and communication, as well as the significance of transnational and diasporic digital Asia in the Australian context. Case studies may include the development of mobile telephony, social media, digital gaming, online shopping and networked activism in East, South and Southeast Asia, and diasporic media and fan consumption in Australia. Students will learn to locate digital Asia within historical and cultural contexts as well as current theoretical, industry and policy debates.

DIGC335 Cybercultures

Autumn Wollongong On Campus
Credit Points: 8
Pre-requisites: 16cp at 200 level
Co-requisite: None
Exclusions: MACS335
Subject Description: This subject covers the texts, practices and impact of online communication from a national and international perspective. Students will examine the conceptualisation of the digital environment and its inhabitants; consider how concepts of the body, gender, identity and community are formulated; scrutinise notions of authority and authority, reading and interactivity; engage with the emergence of memes and the practices of social media; explore issues of access and equity and policies dealing with regulation, copyright, privacy and surveillance, using case studies from several countries.

ECKH201 Human Society and Its Environment and Early Childhood

Not on offer in 2013
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions: EDUS104
Subject Description: The key topics explored in this subject will include educationally based and will include issues such as policy, pedagogy, unit planning, assessment and evaluation plus issue based topics such as culture and identity, history and futures, environmental sustainability, citizenship, law and order, media and global education. Overall, the subject will challenge learners to explore what new learning, new pedagogies and new times have on our choices when teaching HSIE by addressing the question: what is the role of HSIE in education in the 21st century?

ECON101 Macroeconomic Essentials for Business

Autumn Batemans Bay On Campus
Autumn Bega On Campus
Autumn Shoalhaven On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: This subject analyses relevant macroeconomic concepts and principles in an integrated macroeconomic environment. Simple macroeconomic models will be developed to characterise the interdependencies of the more important components parts of a macro economy. This will allow students to analyse

some real world problems and to start identifying and formulating appropriate macroeconomic policies.

ECON111 Introductory Microeconomics

Autumn Wollongong On Campus
Spring Batemans Bay On Campus
Spring Bega On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: An introduction to microeconomics and its application to contemporary social and economic problems. Elementary economic theory and the necessary institutional framework will be developed.

ECON205 Macroeconomic Theory and Policy

Autumn Wollongong On Campus
Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: ECON101
Co-requisite: None
Exclusions:
Subject Description: This subject analyses the major factors which determine economic behaviour in the aggregate and evaluate how alternative macroeconomic policies may improve economic performance. In doing so the course examines the major determinants of aggregate demand equilibrium, namely consumption and investment demands, international factors, money and interest. Monetary and fiscal policies are examined using this analytic structure to determine the effectiveness of these policies for an open economy. Aggregate supply equilibrium is analysed in terms of wages, prices and employment. The problems of inflation and employment are also considered along with possible wages policies. Longer term explanations of economic growth and associated policy prescriptions are also considered.

ECON208 Gender, Work and the Family

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: This subject analyses the roles women and men play in the workforce and within the family. Topics will include: analysis of factors affecting recent trends in female and male labour force participation; gender differences in occupational patterns and earnings; the economics of discrimination; the role of the family in providing education, health care and other goods and services for its members; and the economic determinants of marriage and fertility.

ECON215 Microeconomic Theory and Policy

Autumn Wollongong On Campus
Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: ECON111
Co-requisite: None
Exclusions:
Subject Description: This subject provides the theoretical foundation of modern microeconomic analysis by building upon the basic concepts covered in introductory microeconomics. Topics include the free market system and its operation under market regulation, and the imposition of excise taxes and subsidies. The theory of consumer behaviour is developed and applied to household choice problems, the index number problem, methods of taxation, and intertemporal choice. The theory of production and its costs is discussed, and used to develop models of optimal choice by producers in the long run and short run, including optimal output expansion, optimal input substitution, responses to technological change, and economies and diseconomies of scale. Models of market organization are studied with emphasis on monopoly power, oligopoly (including models of Nash, Cournot, Bertrand, and Stackelburg equilibria) and monopolistic competition. Welfare effects of market behaviour and regulation are analysed. Game theory is introduced and applied to simple problems of strategic choice in duopoly markets. The nature and consequences of asymmetric information are studied (including adverse selection, moral hazard, the principal agent problem, and signalling).

ECON216 International Trade Theory & Policy

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: ECON111
Co-requisite: None
Exclusions:
Subject Description: This subject is designed to provide an introduction to international trade theory and international trade policy. It will examine the theory, policies, practices and institutions of relevance to a country's trade with other nations. The following broad questions will be addressed: Why do nations trade with each other? What are the gains and losses from free trade to the nations involved? What determines the pattern of international trade and production? What are the effects of various commercial policies on the nations involved and on the welfare of various groups within those nations? How does the foreign exchange market work and in what ways does it facilitate or impede international trade? What are the possible effects of exchange-rate policies on a country's production, employment and price level? How is a country's trade performance linked to its external debt and economic growth? How can trade affect the local and global environment?

ECON219 Economic Essentials for Business Innovation

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: The subject is designed to impart an understanding of business innovation from an economic perspective. To this end, the subject provides a non-mathematical explanation of the nomenclature, principles and conceptual frameworks useful in the real world of innovation. Major topics include: an overview of economics with particular regard to the role of innovation in the context of the invisible hand vision; market failure and government failure; a description of the neoclassical, Schumpeterian and evolutionary approaches; the difference between static efficiency and dynamic efficiency; the role of competition through innovation in the modern economy; sustaining and disruptive innovations; measurement of innovative activities; economic classification of research and development activities; innovation externalities with particular regard to knowledge spillovers; models of business innovation. All in all, the subject stresses the relationship between business innovation, social innovation, economic growth and human development expansion.

ECON221 Introductory Econometrics

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: ECON121 or COMM121 or STAT131 or STAT231 or STAT151 or STAT252
Co-requisite: None
Exclusions: ECON240
Subject Description: This subject is designed so that students learn basic econometric methods and use data to solve real-world problems by estimating economic parameters (such as elasticities, marginal values etc). Students acquire expertise in applying econometric methods, including regression analysis and its extensions, to various types of data. Students also, learn how to use econometrics to test economic theory, analyse economic behaviour and assist in policy formation. The subject is application orientated and practical work is performed using the EViews software package.

ECON222 Mathematics for Business

Autumn Wollongong On Campus
Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions: Not to count with MATH151
Subject Description: This subject provides an introduction to mathematical techniques useful in business and economics. The main topics include marginal values, average values, elasticities, constrained and unconstrained optimisation, matrix algebra and the mathematics of finance. The mathematical techniques will be systematically presented and clearly illustrated in representative business and economic models.

ECON231 The Creative Economy

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: Any 48 credit points of subjects
Co-requisite: None
Exclusions:
Subject Description: The Creative Economy provides a new lens for viewing and interpreting a substantial part of the modern economy. The centre of gravity of the economy has shifted from tangible to intangibles resources, such as ideas with economic value. This suggests that no complete understanding of the contemporary economy is possible without a thorough grounding in the world of an ideas-driven economy or a Creative Economy. This subject provides a comprehensive coverage of the behaviour of a creative economy. To this end, the subject develops the interpretative tools necessary to understand the mechanics of this kind of economy.

ECON240 Financial Modelling

Spring Southern Sydney On Campus
Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: COMM121 or STAT131or STAT231 or STAT151 or STAT252 or ECON121
Co-requisite: None
Exclusions: ECON221
Subject Description: This subject deals with the application of statistical techniques to financial decision-making. Students will use econometric methods and data to solve real-world problems by estimating and interpreting financial and business relationships. The subject covers regression analysis, hypothesis testing and the assumptions underpinning the classical linear regression model. It then provides an in-depth analysis of model diagnostics, univariate time series modelling and forecasting, as well as applied multivariate cointegration techniques and the estimation of financial market volatility.

ECON251 Industry and Trade in East Asia

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: This subject studies the neo-classical, structuralist and culturalists views on industrialisation in Asia using country specific examples. It examines trade and industry policy, investment flows, economic integration and the international monetary system. The causes of Asian growth and meltdown are analysed. The strategies to overcome the main economic problems and the recent developments in the Asia-Pacific region are emphasised.

ECON301 Monetary Economics

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: ECON101
Co-requisite: None
Exclusions:
Subject Description: This subject focuses on the monetary aspects of the macro-economy. It comprises two parts. The first focuses on a comparison of the monetary transmission mechanism and policy implications arising from the Classical, Keynesian, Monetarist and New Classical theories. The second section analyses the money supply and its control, the conduct of monetary policy, money in the open economy, inflation, and the Australian financial system.

ECON303 Economic Development Issues

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: Both ECON101 and ECON111 or any 72 credit points of subjects
Co-requisite: None
Exclusions:
Subject Description: Nation states have attempted to accelerate the rate and influence the pattern of economic growth and development with mixed results and important consequences. Economic development issues addressed are: the relationship between economic growth and development; the role of the market and the state; savings, investments and technical change; and the provision of infrastructure and public goods. In doing so, the importance of population and human resource development are explored for agriculture, industrialisation, international trade and economic co-operation.

ECON304 The Historical Foundations of the Modern Australian Economy

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: 72 credit points of study including ECON101 and ECON111
Co-requisite: None
Exclusions:
Subject Description: This subject focuses on the development of the Australian economy over the last two centuries from both a domestic and international comparative perspective. It seeks to enhance our knowledge about, and understanding of, the modern Australian economy and its international standing by reference to a longer term process of development stretching back to early British settlement and its impact on the antededent Aboriginal economy. Following an overview of Australian experience, the subject will be presented thematically drawing upon key microeconomic and macroeconomic questions. Principal topics will include: growth trajectories and economic fluctuations; structural change and development; capital markets and financial institutions; population and immigration; human capital and labour supply; living standards and welfare; manufacturing and international business; the development of a corporate economy; economic policy especially tariffs and competition; economic debates; regional engagement in Asia and globalisation. There will be an opportunity to analyse and discuss original historical documents and to write a research essay.

ECON305 Economic Policy

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: ECON205 and ECON215
Co-requisite: None
Exclusions: Not to count with ECON207
Subject Description: This subject introduces students to some of the important microeconomic policy issues facing governments in Australia and overseas. Government policy makers face questions such as how to best respond to various forms of market failure, how to best promote a competitive national economic environment and how to design taxation policies to minimise adverse efficiency and equity effects. This subject introduces students to these issues in detail and sets out the current economic thinking with regard to such questions. Students will be required to analyse applied research from the economics literature and draw on material from related areas from other subjects in their degree.

ECON306 The Chinese Economy

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: 72 credit points including ECON101 and ECON111
Co-requisite: None
Exclusions:
Subject Description: The subject is designed to impart an understanding of the pre and post-1978 Chinese economy. An analysis of the turbulent swings in economic policy during the period of of the 1950s-70s is conducted, and factors contributing to the implementation of economic reform from 1979 identified. The post 1978 period focuses upon key reforms and their implementation, macroeconomic outcomes and growth, the re-emergence of markets and the contribution of township and village enterprises and private enterprises, and the country's integration into the global economy through foreign investment, trade and WTO membership. The roots of the present business and economic system are explored throughout, as well as contemporary issues and controversies.

ECON308 Labour Economics

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: ECON111
Co-requisite: None
Exclusions:
Subject Description: This subject covers labour demand, labour supply, wage rate determination and related topics in a market-orientated economy. The emphasis is on the development and application of economic theory rather than on an institutional approach. Several applications will be drawn from the following list and analysed in some detail: the effects of wage rates, non-labour income, welfare programs and various types of government policy on labour-market participation and hours of work of individuals, the relationship between minimum wages and employment in both competitive and non-competitive labour markets, human capital and the returns to education, internal labour markets, personnel economics, discrimination in the labour market, information and job search, labour unions and collective bargaining, inequality and poverty. Most examples will relate to the Australian, North American and European labour markets.

ECON309 Environmental and Natural Resource Economics

Autumn Batemans Bay On Campus
Autumn Bega On Campus
Autumn Shoalhaven On Campus
Credit Points: 6
Pre-requisites: ECON111
Co-requisite: None
Exclusions: ECON311
Subject Description: The main objective of the subject is to develop skills in the economic analysis of the environment with a specific focus on utilisation and depletion of natural resources. Topics examine the theoretical frameworks for the utilisation of both renewable and exhaustible resources and the application of these theoretical frameworks to the management of specific natural resources and the formulation of appropriate policies. Attention is given to the implications of utilisation and depletion of natural resources for the state of the environment. Special, attention is paid to the economic aspects of atmospheric pollution, climate change and emission-abatement.

ECON310 Cost Benefit Analysis

Not on offer in 2013
Credit Points: 6
Pre-requisites: ECON215
Co-requisite: None
Exclusions:
Subject Description: This subject investigates the theoretical foundations and practical techniques of social cost benefit analysis (CBA). Topics include: the name and scope of CBA, the welfare foundations of CBA including Pareto optimality and social welfare functions, identification of costs and benefits, methods of valuation of costs and benefits in market and non-market situations, the theory and use of shadow prices, CBA decision criteria, time preference and the social discount rate, and CBA sensitivity methods. The limitations of CBA methods and ethical considerations are discussed. Students will develop and practice appropriate spreadsheet skills that facilitate the economic evaluation of complex projects in situations where benefits and costs occur over extended periods of time.

ECON312 Competition Policy

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: ECON111 and ECON222
Co-requisite: None
Exclusions:
Subject Description: This subject provides a comprehensive introduction to the main issues in modern competition policy. It introduces students to the analytical tools from industrial organisations and game theory which are then used to study such topics as price fixing agreements, mergers,vertical contracts, price discrimination and exclusionary practices. The subject emphasises close interaction between theory and practice by discussing relevant Australian and international case studies and polices used by authorities such as the Australian Competition and Consumer Commission to deal with cases of anti-competitive behaviour.

ECON316 History of Economic Thought

Autumn Wollongong On Campus
Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: ECON205 and ECON215
Co-requisite: None
Exclusions:
Subject Description: This subject provides a review of the evaluation of economic ideas through the development of differing schools of thought in economics. The subject focuses on issues which provide a basis for discussion of the criticism and alternatives suggested by the classical, neoclassical, behavioural, Austrian, modern institutionalists and post Keynesian schools.

ECON317 Economics of Health and Health Care

Spring Wollongong On Campus
Credit Points: 8
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: This subject is an introduction to the economics of health and health care. Topics covered include the supply and demand for health care, health care delivery systems, health insurance, program evaluation and the relationships between health, income and education. Government policies influencing all aspects of health care are analysed and evaluated.

ECON318 Economics of Health and Health Care - A

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: This subject is an introduction to the economics of health and health care. Topics covered include the supply and demand for health care, health care delivery systems, health insurance, program evaluation and the relationships between health, income and education. Government policies influencing all aspects of health care are analysed and evaluated.

ECON319 Electronic Commerce and the Economics of Information

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: This subject analyses the impact of electronic commerce on the markets for consumer goods and services and factors of production. Reasons for the dramatic increase in the use of electronic commerce and its effects on consumers, business firms and the wider community will be explored. Special attention will be given to the implications for small and medium-sized firms and the impact of electronic commerce on the globalisation of markets. The subject analyses electronic commerce in the context of the economics of information, technology and transaction costs and investigates the role and value of information in decision making.

ECON320 Economics of Small and Medium Enterprises

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: ECON101
Co-requisite: None
Exclusions:
Subject Description: The subject analyses the impact of entrepreneurs/small medium-sized enterprises (SMEs) on important areas of the economy such as innovation, employment creation, trade and investment. The formulation of appropriate public policies with respect to SMEs will also be examined. Recent developments in the economic theory of business enterprises, backed up by case studies of individual firms, industries and countries, will form the basis of the subject. Topics covered will represent a blend of the theory and practice of small business and enterprise development, and will include examining the links between firm size and performance, the distinct roles of different sized firms, and the relationship between firm size and innovation.

ECON322 Mathematical Economics

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: ECON122 or ECON222
Co-requisite: None
Exclusions:
Subject Description: This subject is a study of mathematical aspects of microeconomics and macroeconomics. The topics include consumer demand theory, compensated demand functions, production theory, cost functions, market demand and supply functions, models or market structure and macroeconomics of open economy. Mathematical techniques include linear algebra, optimisation, differential and integral calculus. Particular attention will be given to economic policy analysis using mathematical models.

ECON327 Advanced Econometrics

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: ECON221 or ECON240 or MARK239
Co-requisite: None
Exclusions:
Subject Description: This subject is designed to create proficiency in econometric theory and application of a number of advanced techniques that are frequently used to

analyse economic, business and financial data. The emphasis will be on application but students will also be required to display an understanding of the assumptions, limitations and proper uses of econometric techniques for various types of problems and data. Students will learn how to formulate, estimate and interpret the results of (a) nonlinear regression models; (b) qualitative-response regression models; (c) panel-data regression models; and (d) multi-equation (system) models. An application-oriented approach is taken to teach new time series techniques such as unit roots and co-integration tests. The subject also develops a critical approach to model building and develops essential skills in conducting ex ante forecasting techniques. Students will learn to implement all these techniques in EViews, which is a professional econometrics modelling software package in widespread use in both academic and business work.

ECON331 Financial Economics
Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: ECON111 and either ECON121 or COMM121 or STAT131 or STAT231 or STAT151 or STAT252
Co-requisite: None
Exclusions:
Subject Description: This subject deals with investment in production capacity, portfolio analysis, debt accumulation, insolvency and liquidation. Optimal control methods are used for analysing the efficient trajectories of capital investment and borrowing. Portfolio choice and producers' choices of activity sets are analysed within a mean-variance expected utility maximisation framework incorporating the concepts of risk aversion, costs of risk bearing and diversification.

ECON332 Managerial Economics and Operations Research
Not on offer in 2013
Credit Points: 6
Pre-requisites: ECON121 or COMM121
Co-requisite: None
Exclusions:
Subject Description: This subject develops and applies a variety of quantitative techniques to economic and managerial decision-making. It is an extension of ECON228/230 and covers a wide range of quantitative analyses such as forecasting techniques, Markov process models, PERT, CPM and specialised network algorithms, risk preference analysis, transportation and assignment models and quadratic and nonlinear programming.

ECON333 Conflict and Co-Operation
Not on offer in 2013
Credit Points: 6
Pre-requisites: ECON122 or ECON222
Co-requisite: None
Exclusions:
Subject Description: The subject will introduce students to the study of game theory as a tool for analysing a wide range of situations, particularly in the social sciences. The subject will focus on the application of basic game-theoretic concepts to analyse these situations, and will cover both non-cooperative and cooperative games. The latter will include the examination of issues in communitarian economics (such as the economics of organisations like the WTO, the IMF, World Bank, and other NGOs). Students will participate in simple game-playing exercises designed to reinforce and further their understanding of the concepts.

ECON334 Global Economics
Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: ECON101 and ECON111
Co-requisite: None
Exclusions:
Subject Description: This subject introduces students to major contemporary global economic issues such as global economic growth and per-capita income: the external debt crisis: integrated international capital-markets; European monetary unification and its potential; free-trade negotiations and the formation of free-trade zones; the transition of centrally planned economies to market economies; and the economic implications of global environmental and resource degradation and the need for international co-ordination and co-operation.

ECON401 Honours Research in Economics
Spring Wollongong On Campus
Credit Points: 24
Pre-requisites: Entry to honours
Co-requisite: None
Exclusions:
Subject Description: The subject represents the research component of the honours program in Economics. In the subject, students are engaged in research activities that would lead to the completion of the honours thesis. These are carried under the close supervision of academic staff members that are appointed by the Head of School. The research topic must be approved by the relevant Head of School.

ECON402 Economics Honours Coursework
Autumn Wollongong On Campus
Credit Points: 18
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: ECON402 is a set of three complementary subjects that trains students in the use of advanced methods for analysing contemporary major micro and macro economic issues, estimating and testing derived hypotheses, and assessing and developing public policies. The introduced qualitative and quantitative optimisation methods and applications develop students' ability to deal with the dynamic and stochastic nature of economic issues and to assess and design allocations of scarce resources and public policies.

ECON421 Honours Economics
Not on offer in 2013
Credit Points: 48
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: The coursework comprises: advanced macroeconomic theory; advanced micro-economic theory; and the history of economic thought and methodology. The thesis must be a piece of original research and is evaluated by internal and external examiners.

ECON423 Honours Econometrics
Not on offer in 2013
Credit Points: 48
Pre-requisites: ECON221 ECON327
Co-requisite: None
Exclusions:
Subject Description: The course work comprises: advanced macroeconomic theory; advanced micro-economic theory; methodology; and econometric theory. The thesis must be a piece of original research on theoretical or applied econometrics and is evaluated by internal and external examiners.

ECON451 Joint Honours Economics
Not on offer in 2013
Credit Points: 24
Pre-requisites: ECON221 ECON327
Co-requisite: None
Exclusions:
Subject Description: The course work consists of components chosen by the Head of the School of Economics from those required of students in ECON421 Honours Economics to the value of 24 credit points. The other 24 credit points in another discipline must be in 400-level subjects approved by the relevant Head of School.

ECTE170 Introduction to Circuits and Devices
Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: MATH141 or MATH161 or MATH187 or MATH010
Exclusions: ECTE172
Subject Description: This subject aims to equip students with an understanding of the behaviour of basic electrical devices and circuits as used in electrical, computer and telecommunication engineering. It will provide an introduction to electrical quantities and measurements, circuit analysis and electronic devices and circuits. The practical component will cover basic electrical measuring, recording and display instruments; characteristics and measurements of circuit elements and analogue circuits.

ECTE171 Electrical Engineering Practice
Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: This subject aims to provide students with a general introduction to electrical, computer and telecommunications engineering and professional engineering practice. The subject will examine the role played by engineers in society and explain what it means to be a professional engineer. It will provide an introductory overview of engineering systems and signals; telecommunications engineering including the basics of a communications system, data communications and networks; computer engineering including the basics of computer systems, and digital circuits; electrical engineering including the basics of electrical energy systems. The subject also provides an introduction to the communication, management and teamwork skills required of professional engineers through a team design activity. The practical component will include introductory experiments within electrical, computer and telecommunications engineering. The design component will involve written and verbal presentations on topics within electrical, computer and telecommunications engineering.

ECTE172 Introduction to Circuits and Devices
Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: MATH141 or MATH161 or MATH187
Exclusions: ECTE170
Subject Description: This subject aims to equip students with an understanding of the behaviour of basic electrical devices and circuits as used in electrical, computer and telecommunication engineering. It will provide an introduction to electrical quantities and measurements, circuit analysis and electronic devices and circuits. The practical component will cover basic electrical measuring, recording and display instruments; characteristics and measurements of circuit elements and analogue circuits.

ECTE172 Introduction to Circuits and Devices
Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: MATH141 or MATH161 or MATH187
Exclusions: ECTE170
Subject Description: This subject aims to equip students with an understanding of the behaviour of basic electrical devices and circuits as used in electrical, computer and telecommunication engineering. It will provide an introduction to electrical quantities and measurements, circuit analysis and electronic devices and circuits. The practical component will cover basic electrical measuring, recording and display instruments; characteristics and measurements of circuit elements and analogue circuits.

ECTE182 Internet Technology 1
Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: This subject introduces students to the fundamentals of computer communications. These fundamentals are then used to outline internet architecture and describe its key components. Following this, the operation of the World Wide Web (WWW) will be detailed. Topics covered include packet switching; switched networks; layered protocols; local and wide area networks; WWW operation; network components (eg. routers); and access technologies (eg. modems). Laboratory exercises are used to illustrate key computer communications concepts.

ECTE202 Circuits and Systems
Annual Wollongong On Campus
Credit Points: 6
Pre-requisites: ECTE170 (or ECTE172); and MATH142 (or MATH162 or MATH188).
Co-requisite: MATH201 or MATH283.
Exclusions:
Subject Description: Topics covered in this subject include: dependent sources; circuit analysis techniques; simple operational amplifiers circuit analysis; feedback; generalised and complex impedance; energy storage elements L, C; natural, forced and complete response of first and second order circuits; phasors; frequency response; Bode plots; Laplace Transform and Fourier series; and magnetically coupled circuits.

ECTE202 Circuits and Systems
Annual Wollongong On Campus
Credit Points: 6
Pre-requisites: ECTE170 (or ECTE172); and MATH142 (or MATH162 or MATH188).
Co-requisite: MATH201 or MATH283.
Exclusions:
Subject Description: Topics covered in this subject include: dependent sources; circuit analysis techniques; simple operational amplifiers circuit analysis; feedback; generalised and complex impedance; energy storage elements L, C; natural, forced and complete response of first and second order circuits; phasors; frequency response; Bode plots; Laplace Transform and Fourier series; and magnetically coupled circuits.

ECTE203 Signals and Systems
Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: MATH142
Co-requisite: ECTE202
Exclusions:
Subject Description: The aim of this subject is to provide students with an introduction to electrical signals, systems and signal processing. Topics covered include: mathematical representation of signals; description and analysis of systems; Fourier series analysis; Fourier transform analysis of signals and systems; sampling and the discrete Fourier transform; the Laplace transform; Laplace transform analysis of signals and systems; the z- Transform; and z-Transform analysis of signals and systems. The laboratory component will enable the practical investigation of the concepts introduced in lectures using Matlab.

ECTE203 Signals and Systems
Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: MATH142
Co-requisite: ECTE202
Exclusions:
Subject Description: The aim of this subject is to provide students with an introduction to electrical signals, systems and signal processing. Topics covered include: mathematical representation of signals; description and analysis of systems; Fourier series analysis; Fourier transform analysis of signals and systems; sampling and the discrete Fourier transform; the Laplace transform; Laplace transform analysis of signals and systems; the z- Transform; and z-Transform analysis of signals and systems. The laboratory component will enable the practical investigation of the concepts introduced in lectures using Matlab.

ECTE212 Electronics
Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: ECTE101 or ECTE170 or ECTE172
Co-requisite: ECTE202
Exclusions:
Subject Description: This subject aims to provide students with an opportunity to develop an understanding of electronic circuit design using operational amplifiers as the building blocks and with an ability to analyse circuits using conventional methods. Topics covered include: the use of operational amplifiers in circuits eg. inverting and non-inverting amplifiers, small signal (unity bandwidth and gain-bandwidth product) and large signal (slew rate) frequency response of non-ideal operational amplifiers in inverting and non-inverting configurations; adders, filters/oscillators, instrumentation amplifiers, comparators, rectifiers, clippers, Analog to Digital and Digital to Analog circuits; the terminal characteristics of devices and their use in linear (amplifiers) and non-linear circuits eg. biasing and ac models (low and high frequency, characterising amplifiers, the Miller Effect and Miller Multiplier for the case of transistor circuits) for operational amplifiers and discrete circuit transistors, diodes/Zener diodes, transistors (MOSFETs, BJTs - including large signal Ebers-Moll Model); integrated transistor circuits for MOSFETs using active loads; combining devices into amplifiers eg. differential pairs, cascode and Darlington connections, Szlikai pairs, current sources and mirrors, push-pull; high frequency amplification and appropriate equivalent circuit models.

ECTE212 Electronics
Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: ECTE101 or ECTE170 or ECTE172
Co-requisite: ECTE202
Exclusions:
Subject Description: This subject aims to provide students with an opportunity to develop an understanding of electronic circuit design using operational amplifiers as the building blocks and with an ability to analyse circuits using conventional methods. Topics covered include: the use of operational amplifiers in circuits eg. inverting and non-inverting amplifiers, small signal (unity bandwidth and gain-bandwidth product) and large signal (slew rate) frequency response of non-ideal operational amplifiers in inverting and non-inverting configurations; adders, filters/oscillators, instrumentation amplifiers, comparators, rectifiers, clippers, Analog to Digital and Digital to Analog circuits; the terminal characteristics of devices and their use in linear (amplifiers) and non-linear circuits eg. biasing and ac models (low and high frequency, characterising amplifiers, the Miller Effect and Miller Multiplier for the case of transistor circuits) for operational amplifiers and discrete circuit transistors, diodes/Zener diodes, transistors (MOSFETs, BJTs - including large signal Ebers-Moll Model); integrated transistor circuits for MOSFETs using active loads; combining devices into amplifiers eg. differential pairs, cascode and Darlington connections, Szlikai pairs, current sources and mirrors, push-pull; high frequency amplification and appropriate equivalent circuit models.

ECTE222 Power Engineering 1
Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: ECTE101 or ECTE170 or ECTE172
Co-requisite: ECTE202
Exclusions:
Subject Description: The topics covered in this subject include: typical power system loads; basic structure of a power system; electric power generation; single and three phase systems; power system equipment: transformers, switch gear and protection; installation practice: voltage drops, power factor correction, tariffs, safety, earthing, protection equipment rating; power quality: system disturbances, equipment susceptibility, improvement and instrumentation; and introductory power electronics.

ECTE233 Digital Hardware
Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: CSCI191 or ECTE171
Co-requisite: None
Exclusions:
Subject Description: Topics covered in this subject include: combinational logic, simplification of logic expressions, Karnaugh maps; sequential logic, flip-flops, registers, clock, timing and synchronisation problems; sequential machines, Mealy and Moore machines, timing diagrams and state tables; and programmable logic array and programmable logic controllers.

ECTE233 Digital Hardware
Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: CSCI191 or ECTE171
Co-requisite: None
Exclusions:
Subject Description: Topics covered in this subject include: combinational logic, simplification of logic expressions, Karnaugh maps; sequential logic, flip-flops, registers, clock, timing and synchronisation problems; sequential machines, Mealy and Moore machines, timing diagrams and state tables; and programmable logic array and programmable logic controllers.

ECTE250 Engineering Design and Management 2
Annual Wollongong On Campus
Credit Points: 6
Pre-requisites: ECTE171 or (ECTE150 or MGMT110) and (MATH188 or MATH162 or MATH142)
Co-requisite: ECTE202
Exclusions: INFO202
Subject Description: This subject consists of a structured team design activity covering the first four phases of a product design cycle. Student teams will undertake the entire project using staff as 'costed' advisors. The team activity will be supplemented by lectures covering such areas as: language and communications; teamwork; and an introduction to key project management design and development activities, including management concepts and tools, to enable engineers to effectively manage the design and development aspects of both a project and its associated activities.

ECTE283 Internet Technology 2
Not on offer in 2013
Credit Points: 6
Pre-requisites: ECTE101 or ECTE170 or ECTE172 or ECTE182 or ECTE196
Co-requisite: None
Exclusions:
Subject Description: This subject examines recent Internet developments, particularly in access systems, quality of service deployment and scalable architectures. Emerging applications, such as Internet Telephony will be studied in depth, as well as the protocols that underpin them (eg. routing). Topics include: OSPF, BGP4, Mobile IP, Simple Network Management Protocol (SNMP) Gnutella, end-to-end QoS streaming technologies, H.323 and SIP. Advanced laboratory exercises are used to illustrate the operation of various internet protocols.

ECTE290 Fundamentals of Electrical Engineering
Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: MATH141 or MATH161 or MATH187
Co-requisite: PHYS142 or PHYS143
Exclusions: ECTE170 or ECTE172
Subject Description: This subject is offered as a servicing subject to students undertaking Bachelor of Engineering Degrees in the Faculty of Engineering. The aim of this subject is to provide students in other engineering disciplines with an introduction to some of the basic concepts of electrical circuits, electrical measurements, instrumentation, and heavy current devices.

ECTE290 Fundamentals of Electrical Engineering
Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: MATH141 or MATH161 or MATH187
Co-requisite: PHYS142 or PHYS143
Exclusions: ECTE170 or ECTE172
Subject Description: This subject is offered as a servicing subject to students undertaking Bachelor of Engineering Degrees in the Faculty of Engineering. The aim of this subject is to provide students in other engineering disciplines with an introduction to some of the basic concepts of electrical circuits, electrical measurements, instrumentation, and heavy current devices.

ECTE301 Digital Signal Processing
Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: ECTE203 and (MATH283 or MATH201)
Co-requisite: None
Exclusions:
Subject Description: In this subject the following topics will be covered: review of discrete-time signals and linear time-invariant systems; digital processing of continuous-time signals; introduction to random signals, correlation and matched filtering; FIR and IIR Digital filters and their analysis in the z- and in frequency domains; the DFT (Discrete Fourier Transform) and its applications; FFT algorithms; FIR and IIR digital filter design and implementation techniques; spectrum analysis and estimation using windows; and practical applications of DSP algorithms.

ECTE301 Digital Signal Processing
Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: ECTE203 and (MATH283 or MATH201)
Co-requisite: None
Exclusions:
Subject Description: In this subject the following topics will be covered: review of discrete-time signals and linear time-invariant systems; digital processing of continuous-time signals; introduction to random signals, correlation and matched filtering; FIR and IIR Digital filters and their analysis in the z- and in frequency domains; the DFT (Discrete Fourier Transform) and its applications; FFT algorithms; FIR and IIR digital filter design and implementation techniques; spectrum analysis and estimation using windows; and practical applications of DSP algorithms.

ECTE323 Power Engineering 2
Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: (ECTE 202 or ECTE222) and (MATH201 or MATH283)
Co-requisite: None
Exclusions:
Subject Description: In this subject the topics of induction and dc machines; elements of electric motor drives; and power electronics will be covered.

ECTE323 Power Engineering 2
Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: (ECTE 202 or ECTE222) and (MATH201 or MATH283)
Co-requisite: None
Exclusions:
Subject Description: In this subject the topics of induction and dc machines; elements of electric motor drives; and power electronics will be covered.

ECTE324 Foundations in Electrical Energy Utilisation
Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: ECTE202 and MATH201 (or MATH283)
Co-requisite: None
Exclusions: ECTE323
Subject Description: The topics covered in this subject include: basic structure of a power system; electric power generation; single and three phase systems; power system equipment: typical power system loads; transformers, switch gear and protection; installation practice: voltage drops, power factor correction, safety, earthing, protection equipment rating; power quality: system disturbances, equipment susceptibility, improvement and instrumentation; ac induction and dc machines; power electronics (dc to dc, dc to ac and ac to dc converters) and elements of electric motor drives.

ECTE324 Foundations in Electrical Energy Utilisation
Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: ECTE202 and MATH201 (or MATH283)
Co-requisite: None
Exclusions: ECTE323
Subject Description: The topics covered in this subject include: basic structure of a power system; electric power generation; single and three phase systems; power system equipment: typical power system loads; transformers, switch gear and protection; installation practice: voltage drops, power factor correction, safety, earthing, protection equipment rating; power quality: system disturbances, equipment susceptibility, improvement and instrumentation; ac induction and dc machines; power electronics (dc to dc, dc to ac and ac to dc converters) and elements of electric motor drives.

ECTE333 Microcontroller Architecture and Applications
Annual Wollongong On Campus
Credit Points: 6
Pre-requisites: ECTE233 and CSCI191
Co-requisite: None
Exclusions: CSCI334
Subject Description: In this subject the following topics will be covered: computer architecture; central processing unit; memory (ROM and RAM); input/output devices; basic computer organisation; binary data and instruction codes; machine and assembly languages - instruction set; direct and indirect addressing; building computer systems from commercially available parts such as micro-processors and micro-controllers; static and dynamic memory; A/D and D/A converters; digital I/O; and serial communication integrated circuits. Students will also be required to become proficient at interfacing a micro-controller with digital hardware and writing programs to control the hardware.

ECTE333 Microcontroller Architecture and Applications
Annual Wollongong On Campus
Credit Points: 6
Pre-requisites: ECTE233 and CSCI191
Co-requisite: None
Exclusions: CSCI334
Subject Description: In this subject the following topics will be covered: computer architecture; central processing unit; memory (ROM and RAM); input/output devices; basic computer organisation; binary data and instruction codes; machine and assembly languages - instruction set; direct and indirect addressing; building computer systems from commercially available parts such as micro-processors and micro-controllers; static and dynamic memory; A/D and D/A converters; digital I/O; and serial communication integrated circuits. Students will also be required to become proficient at interfacing a micro-controller with digital hardware and writing programs to control the hardware.

ECTE344 Control Theory
Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: ECTE202 and (MATH283 or MATH201)
Co-requisite: None
Exclusions:
Subject Description: Topics covered in this subject include: mathematical modelling of physical systems; signal flow and state space representation of systems; steady state and transient analysis; root locus; frequency response analysis using Nyquist and Bode; design of PID, lag, lead, controllers using Bode and root locus methods; and multiloop control.

ECTE344 Control Theory
Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: ECTE202 and (MATH283 or MATH201)
Co-requisite: None
Exclusions:
Subject Description: Topics covered in this subject include: mathematical modelling of physical systems; signal flow and state space representation of systems; steady state and transient analysis; root locus; frequency response analysis using Nyquist and Bode; design of PID, lag, lead, controllers using Bode and root locus methods; and multiloop control.

ECTE350 Engineering Design and Management 3
Annual Wollongong On Campus
Credit Points: 6
Pre-requisites: (ECTE170 or ECTE172) and (ECTE250 or ENGG154) and ECTE233
Co-requisite: 18 credit points of ECTE subjects at 300-level or Bachelor of Engineering (Mechatronic Engineering) equivalent.
Exclusions:
Subject Description: The aim of this subject is to provide students (in teams) with the opportunity to undertake a significant product development exercise, from target specification through to product launch. The emphasis is on the technical achievements of the team project. Student teams will undertake the entire project using staff as 'costed' advisors. The team activity will be supplemented by lectures covering such areas as an introduction to key implementation activities including: management concepts and tools to enable engineers to effectively manage the critical implementation aspects of projects; social and ethical considerations; psychology/ergonomics; and engineering test methodology.

ECTE350 Engineering Design and Management 3
Annual Wollongong On Campus
Credit Points: 6
Pre-requisites: (ECTE170 or ECTE172) and (ECTE250 or ENGG154) and ECTE233
Co-requisite: 18 credit points of ECTE subjects at 300-level or Bachelor of Engineering (Mechatronic Engineering) equivalent.
Exclusions:
Subject Description: The aim of this subject is to provide students (in teams) with the opportunity to undertake a significant product development exercise, from target specification through to product launch. The emphasis is on the technical achievements of the team project. Student teams will undertake the entire project using staff as 'costed' advisors. The team activity will be supplemented by lectures covering such areas as an introduction to key implementation activities including: management concepts and tools to enable engineers to effectively manage the critical implementation aspects of projects; social and ethical considerations; psychology/ergonomics; and engineering test methodology.

ECTE355 Scholars Project
Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: Completion of all 100- and 200-level subjects and 300-level Autumn Session as required by the respective program of study and a WAM of 75.0 or more.
Co-requisite: None
Exclusions:
Subject Description: This is a project based subject that is only available to students enrolled in the Dean's Scholars program. The project topic will vary from year to year and will be based upon staff availability and student interest. The project will be chosen for the students at a level that is appropriate for their 200/300 level classification. The content will involve a project of research collaboration with a member or members of staff, or an independent investigation by the student with substantial interaction with a member or members of staff. Students will be required to produce a major written piece of work and an oral presentation at the conclusion of the subject.

ECTE363 Communication Systems
Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: ECTE203 and (MATH201 or MATH283)
Co-requisite: None
Exclusions: ELEC361, ELEC363
Subject Description: This subject aims to provide students with an understanding of the basics of modern communications systems. Topics covered include: base-band signalling, including transmission through band-limited channels; and band-pass signalling, incorporating digital modulation techniques.

ECTE364 Data Communications
Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: (CSCI191 or CSCI192) and MATH142
Co-requisite: None
Exclusions: ECTE182, ECTE282 or ECTE283.
Subject Description: Topics covered in this subject include: basics of data communications and fundamentals of computer networks; layered protocols; error correction techniques; network types and topologies; local area networks; wide area networks; packet switching; internet and transport protocols; and internet applications.

ECTE399 Professional Experience
Autumn Wollongong On Campus
Spring Wollongong On Campus
Credit Points: 0
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: This subject is a core subject in which students are required to complete, at least, 12 weeks of approved professional experience. This experience must be in an industry relevant to the degree that is being undertaken in order for students to gain exposure to the external industry environment and participate in a hands-on learning experience.

ECTE401 Multimedia Signal Processing
Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: ECTE301
Co-requisite: None
Exclusions: ECTE403, ECTE405
Subject Description: The aim of this subject is to extend the digital signal processing knowledge gained in ECTE301 Digital Signal Processing. The contents consist of applying digital signal processing to practical applications including speech, audio, image and video processing.

ECTE412 Power Electronics and Drives
Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: (ECTE222 or ECTE324) and (MATH283 or MATH201)
Co-requisite: ECTE344
Exclusions: ECTE411, ECTE425
Subject Description: The aim of this subject is to provide students with an understanding of power conversion circuits using modern power switching devices and their application to equipment supplies and the control of electric drives. Topics covered include: power switching devices and their application, dc-dc converters, ac-dc converters, including switch-mode power supplies, dc-ac conversion using inverters, methods of pulse width modulation, selection of

motors for industrial applications, and the design of closed loop speed control systems for dc and ac motors.

ECTE423 Power System Analysis

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: (ECTE222 or ECTE324) and (MATH283 or MATH201)
Co-requisite: None
Exclusions: ECTE424
Subject Description: The aim of this subject is to provide students with an understanding of the advanced techniques required for power systems calculations and analysis. Topics covered in this subject include: an introduction to power systems comprising thermal and hydro power stations; transmission lines and distribution systems; computer applications in power systems planning; design, control and operation; review of basic analysis tools; reactive power management; load flow and fault analysis; and transient stability.

ECTE426 Power Distribution Systems

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: (ECTE222 or ECTE324) and (MATH283 or MATH201)
Co-requisite: None
Exclusions: ECTE421
Subject Description: The aim of this subject is to provide students with an understanding of the design concepts and operation of electrical power distribution systems relevant to the electrical utility industry and industrial plants containing large power distribution applications. Topics covered in this subject include: an introduction to distribution system planning and automation; load modelling and calculations; system equipment modelling and selection; protection and insulation coordination; power quality and system load interaction; design of radial systems; voltage control; capacitor applications; earthing and reliability.

ECTE427 Renewable and Embedded Generation

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: ECTE222 or ECTE324
Co-requisite: None
Exclusions:
Subject Description: The aim of this subject is to provide students with an understanding of renewable and embedded energy systems and their integration, operation and control. Topics include: fundamentals of renewable power generation; application of renewable energy resources to reduce greenhouse emissions; role of renewable and embedded generation in the electricity market; economics of renewable and embedded generation for demand side integration; renewable energy resources electrical characteristics and grid integration issues; modelling of renewable resources; micro-grids and a.c. and d.c. power electronics interfacing; energy storage; and impact of multiple renewable energy units on electricty networks in regards to control, protection and quality of supply.

ECTE428 Energy Efficiency in Electricity Utilisation

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: ECTE222 or ECTE324
Co-requisite: None
Exclusions:
Subject Description: The aim of this subject is to provide students with an understanding of electricity usage, energy policy and economics, the environmental impact and costs of energy, and energy management. Topics include: electricity usage in the residential, commercial and industrial sectors; environmental and social impacts of energy usage; energy loss mechanisms for heating, lighting and motor and flow control systems; fundamentals of converters for flexible and efficient control of power flow; energy efficiency technologies including power factor correction, high efficiency motors, modern lighting and their associated impact on the electrical network; energy audits and usage analysis; optimising performance of electrical appliances and systems; and process integration or alternative electrical energy supplies for improved energy efficiency.

ECTE431 Real-Time Computing

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: ECTE233 and CSCI191
Co-requisite: None
Exclusions: ECTE491
Subject Description: Requirements and specification methods in real time systems, software design, development and testing cycle, timing analysis of real-time systems, classical problems, pre-emptive scheduling of periodic tasks, non pre-emptive scheduling, intractability results, resource allocation, hybrid real-time/non-real-time models, distributed real-time systems, fault tolerant systems.

ECTE432 Computer Architecture

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: ECTE333
Co-requisite: None
Exclusions: ECTE491
Subject Description: The aim of this subject is to provide students with the knowledge of current computer architecture and the skill to design and interface an RISC processor. The topics covered include processor data path and control, CPU architecture, performance issues, enhancing performance through pipelining, memory hierarchy, Cache, DMA, Buses and other connections, interfacing I/O devices and I/O performance measurements.

ECTE433 Embedded Systems

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: ECTE333
Co-requisite: None
Exclusions:
Subject Description: The subject will examine the key properties of software, firmware, and hardware systems in the embedded, resource constrained, mobile, and highly distributed world. It will explore topics, including embedded processors instruction sets, performance and power consumption, the embedded computing platform, program analysis and design, embedded processors and operating systems, hardware accelerators, networks for embedded systems, and systems-on-silicon.

ECTE441 Intelligent Control

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: MATH201 or MATH283
Co-requisite: None
Exclusions: ECTE492
Subject Description: This subject will review the latest control techniques used where the system is poorly known or changing with time or conditions. Methods examined in detail may include: fuzzy systems, neural networks, adaptive control, crisp and neuro fuzzy control.

ECTE442 Computer Controlled Systems

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: ECTE344
Co-requisite: None
Exclusions:
Subject Description: This subject provides the knowledge and skills required to model, analyse and design computer controlled systems in the z-domain and discrete-time. The contents will consist of: discrete time state space modelling of systems; stability analysis in state space; controllability and observability; pole placement design and state feedback; state observer design and predictive control.

ECTE451 Engineering Project 1

Autumn Wollongong On Campus
Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: Successful completion of all 36 credit points of 300 level subjects required for the award of either the Bachelor of Engineering (Electrical, Computer, Telecommunications) degree OR Bachelor of Engineering (Mechatronics).
Co-requisite: None
Exclusions: ECTE457
Subject Description: In this subject students will be assigned to an individual supervisor drawn from the School's academic staff. The supervisor will provide a topic to the student and give instructions on how to research and carry out other work related to the topic. The student will be expected to meet weekly with the supervisor. At the end of the session, the student is required to produce a written report and a seminar presentation on the respective topic.

ECTE458 Engineering Project 2

Autumn Wollongong On Campus
Spring Wollongong On Campus
Credit Points: 12
Pre-requisites: ECTE451 with a result of Credit or better.
Co-requisite: None
Exclusions: ECTE457.
Subject Description: In this subject students will be required to work on individual projects which may involve background reading and analysis; development of hardware, software or an experimental program; or simulation and analysis. It will involve weekly tutorial sessions, presentation of project outcomes and writing of technical reports. This subject provides students that have demonstrated a capacity to undertake high-quality, independent project work to further develop these skills.

ECTE465 Wireless Communication Systems

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: ECTE363 and ECTE364
Co-requisite: None
Exclusions: ECTE464, ECTE466, ECTE467
Subject Description: The aim of this subject is to provide students with an understanding of the systems used in wireless communications. Topics covered include: the regulatory environment; electromagnetism fundamentals; antennas and antenna systems; near earth propagation; the multi-path propagation environment; multi-user communications in wireless systems; medium access control; and mobility management mechanisms. Case studies will also be undertaken.

ECTE469 Queuing Theory and Optimization

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: ECTE364
Co-requisite: None
Exclusions: ECTE365
Subject Description: There are four main aspects to this subject: (i) Modelling techniques and optimizations, including linear programming and heuristics; (ii) Principles of simulation, including system modelling, performance evaluation, and error sources in simulation; (iii) Markov modelling, including definition of a discrete Markov process and its application in describing random sequence of events in communication systems; and (iv) Introduction to queuing theory, including exponential distribution, Poisson distribution, M/M/1 queues and Little's formula. The practical component of this subject will include design and simulation of a simple communication system using an appropriate simulation package (such as MATLAB/Simulink).

ECTE471 Robotics and Flexible Automation

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: ECTE202 and (MATH283 OR MATH201)
Co-requisite: None
Exclusions: ECTE472, ECTE494
Subject Description: The subject provides the knowledge and skills required to design appropriate robotic systems for flexible automation, including the modelling, analysis, design, and deployment of a robotic manipulator and its associated sensory systems. The contents will consist of: Industrial robots, as a component of automation; mathematical modelling of a robotic arm; direct and inverse kinematics model; direct and inverse dynamic model; trajectory planning; control systems for industrial robots; tactile sensors; force sensors; ultrasound sensors; computer vision; and other sensors.

ECTE482 Network Engineering

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: ECTE364
Co-requisite: None
Exclusions: ECTE282
Subject Description: This subject primarily covers large scale IP networks. In addition to considering architectures and protocols, a key focus will be the development of analytical techniques to assist the design and performance monitoring of these networks. Topics will include: ISP architectures; BGP routing; mobile IP; IP QOS; MPLS; ATM; multimedia applications; peer to peer networking and network management.

EDAE302 Aboriginal Education
Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: 12cp at 200 level
Co-requisite: None
Exclusions:
Subject Description: Aboriginal Education offers pre-service teachers an opportunity to individually examine their socially constructed values, attitudes and ideas about Aboriginal Australia and how these manifest into the education setting. Students will explore key themes of colonialism, identity and representation. The subject will examine how these dimensions are embedded into the cultural, political and institutional practices of teachers work. Students will develop an understanding of the historical relationship between Aboriginal and non Aboriginal Australia including the impacts of various government policies and practices, particularly in education. Students will examine key policy directions, including curriculum and pedagogical practices that address the learning needs of Aboriginal students. The NSW Quality Teaching Model and Institute of Teachers Professional Teaching Standards will provide a framework and benchmark for pre-service teachers to develop their professional knowledge, professional practice and professional commitment in the broad field of Aboriginal Education.

EDAR401 Advanced Research Methods
Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: EDER301
Co-requisite: None
Exclusions: EDUT403 or EDAR302
Subject Description: This subject will enhance students' knowledge and skills in conducting research in the context of education and related areas. The chief topics include: The process of problem setting, of generating questions and hypotheses; the underlying assumptions of a range of research designs and related methodologies and their practical applications. Students will be provided with opportunities to develop skills in quantitative and qualitative data gathering techniques in the context of their research interests.

EDAW401 Aboriginal Ways of Knowing and Learning
Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: EDAE302 or 12 Credit Points ABST/INDS 100 level subjects
Co-requisite: None
Exclusions:
Subject Description: This subject immerses itself within Aboriginal Ways of Knowing, the Quality Teaching Framework and Aboriginal peoples/communities Ways of Behaving. This supportive subject will provide opportunities for students to engage in practical 'hands on' experiences. A major focus of the subject is a field trip to a significant Aboriginal 'place'. Students will experience Aboriginal Ways of Learning with 'Country' through an Elder. The excursion experience and the subject content will assist pre-service teachers to engage in and teach Aboriginal perspectives and utilising Aboriginal pedagogies. More importantly the subject will assist pre-service teachers in their understanding of and relationship with Country and Aboriginal people to ultimately develop skills to enhance the delivery of meaningful Aboriginal educational approaches for all students in our schools.

EDCM201 Classroom Management: Creating positive learning environments
Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: EDPD101 or EDPD105
Co-requisite: None
Exclusions:
Subject Description: This subject will focus on establishing effective learning environments in both classroom and non-classroom settings. It will explore the link between appropriate curriculum, effective teaching and establishing appropriate student behaviour. The subject will also address the use of evidence-based management strategies for working successfully with students, teachers and the whole school community. There will be emphasis on commonly diagnosed behaviour and learning disabilities such as: Attention Deficit Hyperactivity Disorder (ADHD), Autism Spectrum Disorders (ASD), Opposition Defiant Disorder (ODD), Emotional Disability and Behaviour Disability (ED/BD).

EDEA401 Exploring Creativity in Music and Movement
Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: EDKA202 or EDKC201
Co-requisite: None
Exclusions: EDUA441
Subject Description: Students will engage in performing, creating and listening to music as a means of: developing an understanding of how music can be valued in different ways; investigating and developing an understanding of the concepts of music; and applying their understandings to the development of sequenced programs of work. This subject includes in-school teaching opportunities to further develop and explore music in a primary classroom.

EDEA402 Exploring Creativity Through Visual Arts
Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: EDKA202 or EDKC202
Co-requisite: None
Exclusions: EDUA331
Subject Description: Through contemporary Australian art students will explore the role of the artist, the critic and the viewer. This subject will involve making art, appreciating and critically analysing artworks. Student's personal artmaking and appreciating will be broadened through on-site gallery visits and studio experiences. Specifically students will explore the role of the artist (including female artists and contemporary indigenous artists) and alternate ways of looking.

EDEC302 The Psychology of Exceptional Children
Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: EDFE101 and EDFE301 or 12cp at 100 level for Arts students
Co-requisite: None
Exclusions: EDUE322 and EDUC217
Subject Description: This subject applies psychological areas of research and theory to children with exceptionalities. It examines a range of exceptionalities, such as AD(H)D, Cerebral Palsy, Challenging Behaviour and Gifted and Talented. Also, contentious areas in the area of study are addressed through a series of debates. The emphasis is on using up to date research to achieve a synthesis of psychological constructs and understanding of the needs of children with exceptionalities in education settings.

EDEC401 Disability Issues Across the Lifespan
Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: EDLE301
Co-requisite: None
Exclusions:
Subject Description: This subject will examine issues, which face individuals with disabilities throughout their lives. It will address the implications of relevant legislation, the Disability Services Act and Education standards and OHS legislation, the Inclusion Debate, what an Inclusive school looks like, the teacher role in an inclusive school and Collaboration skills. Other topics will include family impact and respite care; community access and support; accommodation options; vocational and recreational opportunities; sexuality; legal, ethical issues and advocacy within an educational framework.

EDEC402 Programming for Individuals with High Support Needs
Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: EDLE301 and EDPD401
Co-requisite: None
Exclusions: EDUF412
Subject Description: This subject examines up to date teaching strategies and individualised assessment techniques for children with special needs in the high support needs end of the spectrum. The topics covered a range of special needs in a range of settings where children with high support needs have been enrolled. All students will need to show proficiency in individualising programming and conducting a functional behavioural assessment.

EDEE302 Educational Psychology Effective Teaching & Learning
Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: EDFE101 and EDFE202 or 12 credit points of related 100 level study
Co-requisite: None
Exclusions: EDUE323 and EDUC213
Subject Description: The focus of this elective subject is on the cognitive, emotional and social needs of children within contemporary Australian school settings and on strategies that promote a supportive learning environment for all students. Topics cover major theories of development, the processes involved in learning and a range of personal and social factors that affect the engagement of students with learning activities. This subject aims to provide an understanding of the relationships between theory, research and practice in the field of educational psychology.

EDEH402 PDHPE Elective - Health Promotion: Linking School and Community
Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: EDPD401
Co-requisite: None
Exclusions: EDUC308
Subject Description: The theoretical background that underpins health promotion will be studied along with the latest research that reinforces the notion of health promotion. This subject will examine the concept of health promotion with direct links to the K-6 PDHPE syllabus. The emphasis will be on students acquiring skills in program development and implementation. The Health Promoting Schools framework will be the basis for examining how the school and community can work together to implement effective health promotion programs for children. Content will include: sociocultural factors affecting health; global, national, state and local health promotion initiatives; types of health promotion; health promotion models; and evaluating health promotion initiatives.

EDEI302 Advanced use of ICT in Education
Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: EDIC101 or ECIC102
Co-requisite: None
Exclusions:
Subject Description: Advanced uses of ICT in Education will provide students with an opportunity to work with local teachers to develop digital teaching resources for the primary classroom. Students will expand their knowledge and skills related to the use of information and communication technologies, as well as experience integrating digital tools in a classroom context. Students will create tasks, resources, supports, and assessments for the digital resources in consultation with the collaborating teacher. Students will develop awareness and skills in visual thinking and communication, an understanding of learning theory, and use of relevant cognitive and software tools, as well as relevant project management and evaluation skills.

EDEI401 Web-based Learning
Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: EDIC101 or equivalent
Co-requisite: None
Exclusions:
Subject Description: The subject, Web-based learning, will allow students to develop in-depth knowledge and skills related to the use of internet technologies in facilitating Primary students' learning. Students will plan and develop a web-based learning environment (including design principles related to tasks, resources, supports, and assessment). Students will also explore the educational implications of emerging issues raised by the adoption of the internet.

EDEK401 Teaching Reading and Writing to Second Language Learners
Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: EDPD401
Co-requisite: None
Exclusions: EDUE331 and EDUE334
Subject Description: This subject will explore the nature of literacy. It will consider the role of literacy within a range of social, cultural, historical and educational contexts. As well it will cover the following: a critical analysis of theories of reading and writing and their relevance for second language literacy development; an analysis of approaches to teaching reading and writing; the relationship between spoken and written language; principles for developing effective literacy programs; strategies for supporting the learning of literacy for ESL/EFL learners at beginner through to advanced levels in school contexts.

EDEL302 Children's Literature in the Early Years

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions: EDUE303
Subject Description: This subject provides opportunity for in-depth explorations of children's literature in the early years of children's lives. In so doing, it takes stock of the various genres that are involved across fiction and non-fiction. This subject examines children's literature in its many guises, ranging from traditional and contemporary print forms, to film, television and DVD renditions, to electronic versions. It takes stock of relationships between children's literary texts and popular culture. Students are engaged in ways that teachers might effectively use and program for children's literature in prior-to-school and early school year settings, including drama and poetry; and looks at how literature provides a basis for developing children's literacy.

EDEL401 Children's Literature in the Later Primary Years

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions: EDUE304
Subject Description: This subject focuses on how to teach reading and writing in the later years of school using children's literature in all its forms. It does so by examining theoretical models that underpin the critical examination of children's literature. Drama, poetry and popular culture forms will be examined and the interconnectivity between these practices will be explored. As these are examined in theory, an understanding of the ways teachers teach reading and writing at school will be developed. Explicit links to the relevant Syllabus documents, as well links to other subjects and in-school experiences will be made.

EDEL402 Critical Viewing and Production in the Primary years

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: EDPD401
Co-requisite: None
Exclusions:
Subject Description: This subject focuses on how to teach critical viewing and production as part of critical literacy in the primary years. It examines theoretical models that underpin critical literacy, with a focus on multiliteracies and multiple modalities. Print-based texts, computer-based texts (e.g., web-based texts, powerpoint, CD Roms), television and film are examined for how teachers might develop children's skills for critically viewing and constructing such texts. Explicit links to the relevant Syllabus documents are developed.

EDEM302 Mathematics Elective 1

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: EDKM102 and EDKM301
Co-requisite: None
Exclusions: EDUM224
Subject Description: This subject provides the opportunity for pre service students to explore the teaching of mathematics in the primary school context in light of current theoretical approaches including the Dimensions of Quality Teaching (NSW Model of Pedagogy NSW Department of Education and Training. 2003) and the 'Count Me in Too' framework (NSW Department of Education and Training. 2004). This subject will focus on content and pedagogy which, whilst using the Mathematics K-6 syllabus as a springboard, will also look at cross curricula approaches to Mathematics teaching and learning such as incorporating thematic approaches and the use of literature, music, drama and ICT when planning, implementing and reflecting on authentic Mathematical learning experiences. Students in this subject will be expected to prepare, implement and reflect on lessons which they will conduct in a school setting.

EDEM401 Mathematics Elective 2

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: EDKM102 and EDKM301
Co-requisite: None
Exclusions: EDUM333
Subject Description: This is the second of three mathematics elective subjects in the BEd degree that focuses on the learning and teaching of mathematics for children in K-6. In this subject, pre-service teachers will be introduced to recent reforms in K-6 mathematics and the emergence of issues that impact on practice including language and mathematical understanding, discourse in promoting high levels of numeracy, mathematics, ethno-mathematics, equity in mathematics and the use of ICT.

EDEM402 Quality Teaching in Mathematics

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: EDKM102 and EDKM301 and EDPD401
Co-requisite: None
Exclusions: EDUM441, EDUM442
Subject Description: This subject aims to examine the core dimensions of the Quality Teaching framework in the context of K-6 mathematics. Notions of deep and substantive understanding of numeracy concepts and strategies to scaffold these attributes will be analysed within authentic learning activities. Pre-service teachers will work on problem-based tasks and develop expertise in evaluating aspects of practice. There will be opportunities for students to focus on content areas of difficulty.

EDEP302 PDHPE Elective A

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: EDKP201
Co-requisite: None
Exclusions: EDUP335
Subject Description: In this elective, the PDH component will follow the theme of promoting positive mental health. Mental health includes many issues, however some specific issues which will be covered, include: health promoting school, resilience, interpersonal relationships, growth and development, self esteem, media messages. The PE component will highlight and encourage the promotion of lifelong physical activity. The Games Sense and Technique Based approaches to teaching physical education will be examined. In addition, important aspects of movement and self expression in the primary school will be covered. Opportunities will exist for students to identify ways to create an effective learning environment in PDHPE with an emphasis on classroom management, evaluation and individual education programs.

EDEP401 PDHPE Elective B

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: EDKP201
Co-requisite: None
Exclusions: EDUP226
Subject Description: Students who undertake this subject will understand and apply content and concepts relevant to the teaching of PDHPE. To this end they will explore a range of relevant and contemporary health issues, which relate to young people in the primary school setting. The subject will also afford students the opportunity to develop skills in programming and planning for an effective learning environment and demonstrate this through an in school teaching experience. Students will use sound reflective practices to analyse their teaching.

EDEP402 PDHPE: Coaching and Sport Administration - Elective C

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: EDPD401
Co-requisite: None
Exclusions: EDUE307
Subject Description: This subject introduces the general principles of coaching and sport administration and links it to the community and school setting. Students will have examined coaching strategies, participated in practical coaching sessions, undertake a coaching course or equivalent assessment and complete work in sport administration or volunteer management. In coaching topics include: role of the coach, planning, teaching sports skills, group management, communication, physical conditioning, sport safety and the law and other optional units, A range of practical topics are also included. In administration topics include: planning, committee management, legal issues and risk management, conducting meetings, financial management, marketing. fundraising and event management. These topics will be linked to school and community settings.

EDER301 Educational Research

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions: EDUP391 or EDUT301
Subject Description: This subject builds on the premise that beginning teachers are required to be reflective practitioners and inquirers. The capacity to read and make sense of research is an important professional attribute. The subject aims to provide a starting point and practical insights into the day-to-day decision making of educators. The content will follow the order and logic that experienced researchers take in order to ensure quality in their research, and that it is valid, reliable, ethical, useful and socially responsible. Given the professional skills required by teachers, the subject pays particular attention to the elements involved in action research.

EDER302 Research Project in Education 1

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: EDER301
Co-requisite: None
Exclusions: EDUT432
Subject Description: As a generic research project it is anticipated that students will negotiate a project individually with an academic supervisor. The inquiry may involve action research as applied in professional settings. Students will be required to plan, conduct and report upon an inquiry focused on an educational aspect. The focus may be in the Key Learning Area or another area approved by the academic supervisor. Skills in library research and critical analysis of selected educational literature will be developed.

EDER401 Research Project in Education 2

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions: EDUT432 and ECFC401
Subject Description: As a generic research project it is anticipated that students will negotiate a project individually with an academic supervisor. The inquiry may involve action research as applied in professional settings. Students will be required to plan, conduct and report upon an inquiry focused on an educational aspect. The focus may be in the Key Learning Area or another area approved by the academic supervisor. Skills in library research and critical analysis of selected educational literature will be developed.

EDES302 K-6 Science and Technology Elective A

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: EDKS102 or ECKS202
Co-requisite: None
Exclusions: EDUS333
Subject Description: This subject provides an opportunity for preservice students to teach Science and Technology in the authentic context of school classrooms. Students are encouraged to plan, implement and evaluate six lessons from one of the broad strands of Science and Technology and focus on areas such as Investigating Scientifically, Designing and Making, the Natural Environment and The Made Environment. There are three phases in the elective: (i) in weeks 1-4 of the subject students will plan six lessons of Science and Technology based on input from classroom teachers; (ii) in weeks 5-11 of the subject student teach the lessons in real school classrooms; and (iiii) In weeks 12 and 13 students will reflect and evaluate these lessons as well as sharing teaching experiences. The theoretical basis for teaching will be based upon the SIES teaching framework from the National Primary Connections Initiative.

EDES401 Use of ICT to Support Science and Technology

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: EDKS102
Co-requisite: None
Exclusions:
Subject Description: With children's access to technology, the use of ICT for teaching Science and Technology in schools is becoming increasingly important. This elective will inform preservice teachers about the uses and relevance of different ICT applications for teaching in schools. The elective will

follow a design, implement and evaluate framework and will be school-based meaning that most of the classes (80%) will be conducted at a school in the Wollongong area. Preservice teachers will be allocated a topic about which they will prepare 5 lessons. They will then teach the lessons in a school over five weeks and then teach children how to create an animation (Slowmation)as an assessment task over the next four weeks. The last two classes will be spent evaluating and sharing the teaching experiences.

EDET302 Programming and Methodology in Second Language Teaching

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions: EDUE319
Subject Description: This subject provides participants with a foundation and framework for the successful teaching of English as a second (or other) language. It encourages them to make decisions about appropriate classroom strategies across the curriculum, gives insight into current debates within the field and suggests a direction for future thinking. The subject covers: 1. The social, political and educational context of TESOL. 2. Second language acquisition, learning and pedagogy. 3. The social foundations of language and learning including a description of language. 4. The context sensitive nature of second language pedagogy. 5. The analysis of classroom environments. 6. Assessment of spoken and written language. 7. The development and evaluation of language teaching programs. 8. Working effectively with educators in a range of disciplines ACTA Competencies for beginning ESL teachers

EDET401 Teaching Speaking and Listening to Second Language Learners

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions: EDUE329 and EDUE335
Subject Description: Students will gain an understanding of spoken discourse, the nature of spoken interaction, the differences between speech and writing and the ways in which oral fluency fosters language development. The subject also addresses the different ways in which spoken discourse can be studied covering critical and other traditions of discourse analysis, multimodal and ethnographic approaches. The subject presents an overview of recent research and developments in the teaching of listening and speaking and how these areas can be taught in an integrated way making use of computer and other technologies and approaches.

EDET402 Teaching English in International Contexts

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: Students will gain an overview of the changing contexts of English Language Teaching internationally and of the issues relating to English as a global language. There would be a focus on specific issues such as teaching young learners (with the development of English teaching at elementary level) and the use of appropriate methodologies in exam-based systems. Cross-cultural communication skills and issues of culture in language teaching would also be addressed. Students would have the flexibility to research specific countries and key issues that cut across national boundaries.

EDEV402 Innovation: Technology and The Arts (Elective C)

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: EDIC101 and EDPD401
Co-requisite: None
Exclusions: EDUA442
Subject Description: This elective explores innovative applications of technology and creativity through visual arts education. The subject allows students new ways of communicating through the practical applications of emerging technologies and tools such as digital media, multimedia, digital cameras, image manipulation and video/movie production. Students' skills will be developed and supported for practical application in classroom settings.

EDEY401 Youth, Culture and Education

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: EDFE301
Co-requisite: None
Exclusions: EDUE325 and EDUC291
Subject Description: This subject will introduce students to the study of youth culture and education. The subject will analyse the impact of changing cultures on youth and education in Australia. Changing social expectations, values and practices related to youth and the education system will be examined. The central role of language in the construction of identity will be explored. Students will be required to develop an understanding of 'youth culture' and issues of difference in education. Provision will be made for students to focus on issues relating to a range of age groups, including provision for early childhood.

EDFE101 Education Foundations 1: Learning and Development

Autumn Wollongong On Campus
Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions: EDUF111
Subject Description: Recognising the importance of teachers knowing their students and how they learn, this subject will introduce students to the physical, social, emotional, moral and cognitive development of children and youth. The subject will address major theories in development and learning, research related to these theories, and the implications of these theories for educational practice. Related issues of child protection and safety, and individual and group differences will also be incorporated into the subject. The aim of the subject is to provide a sound theoretical foundation for further studies in education.

EDFE202 Education Foundations 2: Social Cognition & Communication in Learn

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: EDFE101
Co-requisite: None
Exclusions: EDUF311
Subject Description: Recognising the importance of teachers' ability to communicate effectively with their students, this subject will provide theoretical background and practical strategies for creating positive social, emotional and personal learning environments. The subject will focus on effective communication in the classroom and its impact on students' learning. The topics treated will include the quality of teacher-student interaction; peer collaboration; communication with families; students' self-awareness and self-efficacy; creativity and motivation; metacognition and self-regulation for life-long learning; emotional intelligence and resilience.

EDFE301 Educational Foundations 3: Sociology & Cultural Studies

Autumn Wollongong On Campus
Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: EDFE101or 24cp at 100 level for Arts students
Co-requisite: None
Exclusions: EDUF212
Subject Description: A selection of theoretical perspectives will be presented that draw from sociological and cultural studies traditions. Students will become familiar with key NSW DET policies. The role of education in issues such as gender, class, 'race', ethnicity and ability is considered. Contemporary issues such as 'inclusion', issues in schools and families, perceptions of gender and sexualities, cultural diversity, and the use and critique of technology and mass media will be provided.

EDHP401 Issues In Health & Physical Activity

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions: EDUP301
Subject Description: All teachers irrespective of subject area have a responsibility for the physical, social and emotional well-being of their students. This subject will focus on personal development, health and physical education issues which impact on the welfare and health status of young people. Issues in personal development/health could include: mental health, depression, eating disorders, suicide, drug use, and sexuality. In the physical activity area, the focus will be on increasing students' confidence. This would be achieved by: increasing knowledge of a variety of sporting activities; developing organisational skills necessary for conducting an efficient physical activity or sports session, and reinforcing an understanding of risk management in external environments.

EDIC101 Learning and Teaching with Technology

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions: EDIT102 or ECIC102
Subject Description: This subject will allow students to explore the use of a variety of technologies used in early years, primary and secondary education. The subject will provide students with the opportunity to learn about and reflect critically on the support provided by information technology to teachers in their professional activity and career, as well as developing an understanding of the role of a variety of technologies in creating innovative and engaging learning environments.

EDIC402 ICT as Cognitive Tools

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: EDIC101 and EDPD401
Exclusions:
Subject Description: In the subject, ICT as Cognitive Tools, students will develop in-depth knowledge and pedagogical skills related to the use of information and communication technologies as tools for promoting problem-solving and higher-order thinking skills. The subject will focus on how apply findings from research and professional learning to classroom practice, and will involve the development of lessons and resources that graduating students can use in their teaching.

EDKA201 Creative Arts Education- Dance and Drama

Not on offer in 2013
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions: EDUA224 or EDEA302 or EDKC201 or EDKC202
Subject Description: This subject provides experiences for students in making, appreciating and valuing the Creative Arts. Theories and research of children's artistic development and learning will be explored. An understanding of the creative process and it's application to the K-6 classroom setting will be developed through sequenced learning experiences and foundation studies in Drama and Dance.

EDKA202 Creative Arts Education - Visual and Music

Not on offer in 2013
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions: EDUA201, EDKC201, EDKC202
Subject Description: This subject provides experiences for students in making, appreciating and valuing the Creative Arts. Theories and research of children's artistic development and learning will be explored. An understanding of the creative process and it's application to the K-6 classroom setting will be developed through sequenced learning experiences and foundation studies in Visual Arts and Music.

EDKC201 Creative Arts Education - Music and Dance

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: EDPD101
Co-requisite: None
Exclusions: EDUA224, EDEA302, EDUA201, EDKA201, EDKA202
Subject Description: This subject provides learning experiences for students in music and dance. Through the exploration of these artforms, students will identify and prepare appropriate music and dance education teaching materials and strategies for the primary classroom; be involved in practical skills and creative development; research, compare and interpret music and dance in a variety of social, historical and cultural contexts. Students will explore the musical learning experiences of performing, organising sound and listening through the musical concepts; and the roles, elements and forms of dance in a variety of contexts.

EDKC202 Creative Arts Education - Visual Arts and Drama

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions: EDUA201, EDEA302, EDUA201, EDKA201, EDKA202
Subject Description: This subject provides learning experiences for students in visual arts and drama. Through the exploration of these artforms, students will identify and prepare appropriate visual arts and drama education teaching materials and strategies for the primary classroom; be involved in proactical skills and creative development; research, compare and interpret visual arts and drama in a variety of social, historical and cultural contexts. Students will explore making and appreciating in the visual arts; and the roles, elements and forms of drama in a variety of contexts.

EDKH102 Human Society and Its Environment: New Times, New Practices

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions: EDUS104 or EDUS203
Subject Description: This subject introduces pre-service teachers to the concept of learning and teaching in the curriculum area known in NSW as Human Society and Its Environment. The local and global policy environment relating to this field of study (also known as Studies of Society and Environment) will be the framework from which the subject will be launched. Human Society and its Environment will ask pre-service teachers to develop their own philosophy and practice to teaching and learning HSIE within the context of a dynamic and rapidly changing global human culture with its historical, social and environmental dimensions. The exploration of these dimensions will be through critical, socially just and participatory perspectives where challenging values, attitudes and biases in classrooms will be a key component. An inquiry-based and integrated model of learning will support the teaching and learning program. The key topics explored in this subject will include educationally-based issues such as policy, pedagogy, unit planning, assessment and evaluation plus issue-based topics such as culture and identity, history and futures, environmental sustainability, citizenship, law and order, media and global education. Overall, the subject will challenge learners to explore what new learning, new pedagogies and new times have on our choices when teaching HSIE by addressing the question: what is the role of HSIE in education in the 21st century?

EDKL102 Language and Literacy 1: The Early Years

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions: EDUL101
Subject Description: Language and Literacy I focuses on teaching reading and writing in the early years of school. It does so through the lens of a social model of literacy. Reading and writing, and the interconnectivity between these practices will be examined in terms of phonics, text conventions and other basic skills; interpreting and making meaning from texts of all kinds; reading for a range of purposes; and critically reading 'between the lines'. As these are examined in theory, how teachers teach reading and writing at school will also be critiqued. Explicit links to the relevant Syllabus documents, as well links to other subjects in first session and links to in-school experiences will be developed.

EDKL201 Language and Literacy 2 - Teaching Encoding & Decoding Skills

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: EDKL102 and EDPD101
Co-requisite: None
Exclusions:
Subject Description: In this subject, students build on their understanding of literacy development from EDLL101 and EDKL102, and learn in more detail about teaching fundamental skills in reading and writing, particularly in the early years of primary school. Students learn how to teach decoding skills involved in early reading and how to teach encoding skills involved in writing. In this subject, students also develop their understanding of the use of assessment procedures relating to these aspects of reading and writing, including commonly used standardized assessment tools.

EDKL302 Language and Literacy 3: the Later Primary years

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: EDKL102 and EDKL201
Co-requisite: None
Exclusions:
Subject Description: Language and Literacy III is the last of three core subjects in the Bachelor of Education Primary program. This subject focuses on literacy development in the upper primary years of school. It builds on the knowledge and understandings developed in the core subjects,Language and Literacy I: the Early Primary Years; and Language and Literacy II: Teaching Decoding and Encoding Skills. Through successful completion of this subject students will be able to: demonstrate a growing understanding of a Social Model of Literacy and the readingwriting connection; recognise that language learning is an active and social process; draw upon an expanding repertoire of teaching strategies for literacy instruction and assessment; demonstrate understanding of the NSW English K-6 Syllabus (Board of Studies,1998) and support documents. Be familiar with the National Curriculum documents; apply developing understanding of reading theories to planning, implementing and reflecting on classroom literacy practices.

EDKM102 Mathematics Content and Pedagogy 1

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions: EDUM201
Subject Description: The subject introduces students to fundamental concepts of mathematics and mathematics education including learning and teaching mathematics, programming mathematics and assessment strategies. The content for the subject will focus on numbers, operations and measurement. Students will be provided with opportunities to explore the Count Me In Too program in the classroom. Students will become familiar with the NSW Mathematics K-6 syllabus and how it can be used in planning, teaching and assessing mathematics.

EDKM301 Mathematics Content and Pedagogy 2

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: EDKM102
Co-requisite: None
Exclusions: EDUM201
Subject Description: The subject introduces students to fundamental concepts of mathematics and mathematics education including learning and teaching mathematics, programming mathematics, assessment strategies. The content for the subject will focus on pre-algebra, space and geometry, data and the development of numeracy skills. Students will extend their understanding of NSW Mathematics K-6 syllabus and Principles of Quality Teaching (NSWIT) focusing on Working Mathematical processes such as mathematical reasoning, problem solving and problem posing.

EDKP201 Personal Development, Health & Physical Education Content & Pedagogy

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: EDPD101
Co-requisite: None
Exclusions: EDUP201
Subject Description: This subject will focus on curriculum and content knowledge in PDHPE. Topics will include: Current health issues impacting on children; Planning and pedagogy in PDHPE; creating safe and inclusive classrooms, developing resilient learners, catering for diversity, dealing with sensitive and controversial issues, the Health Promoting School Framework Subject specific knowledge: mental and emotional health, safe living, healthy choices, self and relationships, fundamental movement skills, promoting lifelong physical activity, gymnastics, games and dance.

EDKS102 K-6 Science and Technology: Curriculum and Pedagogy

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions: EDUS102
Subject Description: In this subject students will develop an understanding of the K-6 syllabus for Science and Technology, learn discipline knowledge and learn about ways of teaching the subject (pedagogy). It introduces science as a subject that is concerned with finding out about the world in a systematic way and introduces technology as being concerned with the purposeful and creative use of resources in an effort to meet perceived needs or goals. Students are encouraged to use an enquiry-based approach and focus on the foundation areas of Working Scientifically, Working Technologically, the Natural Environment and The Made Environment from the syllabus across different stages. The philosophical basis for teaching is social constructivism whereby students are encouraged to reflect upon and understand their prior beliefs about teaching science which is then scaffolded by interactions with the lecturers and peers.

EDLA402 Understanding Literacy Needs Of Adolescents

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions: EDUL312
Subject Description: This subject will examine the characteristics and needs of adolescent students and in particular adolescent literacy. It will explore the social emotional, intellectual and physical developmental period of adolescence and examine specific issues of 'identify', 'peer acceptance', 'independence', 'social and political awareness' and how these characteristics relate to adolescent literacy development and specifically to the learning and teaching of mathematics and science. What literacy is and the role it plays in learning will be demonstrated. Practical classroom strategies and techniques will be introduced that will enhance the learning experiences of the adolescent student.

EDLE301 Learners With Exceptional Needs

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: EDFE101
Co-requisite: None
Exclusions: EDUF204
Subject Description: The philosophy and implementation of inclusive practices rather than segregation is having a strong influence on the education of learners with exceptional needs. Students with widely ranging levels of ability are now educated in regular classrooms. It is critical, therefore, that all teachers understand and are able to respond to the special needs of these learners. This course aims at developing teaching skills which address the needs of students with a range of special educational needs who spend at least some time in regular classrooms. The emphasis throughout is on structuring the regular classroom and developing appropriate teaching strategies so that the needs of students with a wide range of abilities are addressed.

EDLL101 Language and Learning

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: This subject recognises that language is central to the learning process. It develops understandings of the role of language in learning and the different roles played by spoken and written language. Students will investigate the language demands of the different Key Learning Areas and develop a repertoire of teaching strategies to assist students in meeting these demands. The subject will take into account the nature of the learner, including CALD students and students experiencing difficulties with oral and written language. The language needs of the Education students themselves will be addressed as they come to grips with the language demands of academic and classroom contexts.

EDMM101 Mathematics Foundations

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: This subject will cover fundamental mathematical concepts necessary for the effective teaching of Stages 1-4 (Year K-8) in the NSW K-10 Mathematics Syllabus. The chief topics covered in the subject are Problem Solving, Numbers and Algebra, Statistics and Probability and Measurement and Geometry.

EDPD101 Professional Development 1: The Learning Environment

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions: EDUT111 and EDUT121
Subject Description: This subject introduces the concept of the learning environment as the physical, psychological, social & intellectual setting that enables and constrains learning. It looks at the learning environments in both the mentoring schools and the course, of which this semester is the beginning. It makes an assessment of the student teachers' prior knowledge of curriculum content and beliefs. It sets out in an integrated fashion an introduction to the curriculum, the 6 KLA syllabuses and some mandatory policies, and the work of teachers in constructing effective learning environments through pedagogical and management strategies. It will ask students to examine the learning environment of the school and the university. This subject has a deliberate sequence that sets out to examine the historical nature of schooling and the direction of the teaching profession. This subject will introduce the 6 Key Learning Areas and the work of teachers. Embedded within this subject is in school Professional Experience.

EDPD105 Professional Community 1: The Learning Environment

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions: EDUT104
Subject Description: This subject introduces the concept of the learning environment as the physical, biological, psychological, social and intellectual setting that enables and constrains learning. It examines the learning environments in both the mentoring schools and the university. This conception underpins later work on campus, on line and on site (in schools and elsewhere), and more specialised understandings of learning environments used, for example, the education of children with special needs and approaches to quality teaching.

EDPD304 Professional Community 3: Mathematics Teaching

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: EDPD204
Co-requisite: None
Exclusions: EDUT304
Subject Description: This subject is the third in a sequence of EDPD subjects that develops professional and teaching skills in teaching secondary mathematics. While this subject has a particular focus on mathematics at Stage 6 in the NSW context (senior secondary), it does develop concepts and skills of mathematics pedagogy and curriculum that apply to secondary education generally, in tutorial/workshop, school and electronic environments. It does this using a selection of mathematics content drawn from Stage 6 syllabuses. A component of the subject is a professional experience placement in a secondary school.

EDPD306 Professional Community 3: Science Teaching

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: EDPD206
Co-requisite: None
Exclusions: EDUT306
Subject Description: This subject is the third in a sequence of EDPD subjects that develops professional and teaching skills in teaching secondary science. While this subject has a particular focus on science at Stage 6 in the NSW context (senior secondary), it does develop concepts and skills of science pedagogy and curriculum that apply to secondary education generally, in tutorial/workshop, school and electronic environments. It does this using a selection of science content drawn from Stage 6 syllabuses. A component of the subject is a professional experience placement in a secondary school.

EDPD401 Professional Development 3

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: EDPD101 and EDPS202 and EDKM301
Co-requisite: None
Exclusions:
Subject Description: This subject will prepare students for their internship in EDPD402 Professional Development 4. Teaching expertise will be developed in programming, assessment, and values education. Students will gain knowledge about lawful requirements when teaching

in schools, and how to resolve conflict in the workplace. Students will assess their professional competency according to the NSW Institute of Teachers Professional Teaching Standards utilising the Faculty of Education's ePortfolio. Students will gain experience in constructing curriculum vitas and preparing for job interviews.

EDPD402 Professional Development 4

Spring Wollongong On Campus
Credit Points: 12
Pre-requisites: EDPD101, EDPS202 , EDKM301 and EDPD401
Co-requisite: None
Exclusions:
Subject Description: This is a core subject. The Internship Program provides students with an opportunity to acquire a higher level of formal practical experiences within the framework of the New South Wales Institute of Teachers Professional Standards. Because the " Internship" has been specifically designed to lift students' practical skills to a level beyond the Third Year Practicum, it provides a significantly different set of field-based learning experiences, involving both classroom teaching, and classroom research to support school curriculum policy initiatives (such as implementation of different KLA's) and school-wide management agendas. The content of this subject includes 30 days in school experience. Those 30 days are made up of 1 week observation of classroom structures and processes followed by 5 weeks classroom teaching i.e. the Internship. Students then undertake campus based reflective workshops which will draw together the theoretical and practical experiences of the Bachelor of Primary Education.

EDPD404 Professional Community 4: Mathematics Teaching

Spring Wollongong On Campus
Credit Points: 12
Pre-requisites: EDPD304
Co-requisite: None
Exclusions: EDUT404
Subject Description: This subject is the fourth in a sequence of EDPD subjects that develops professional and teaching skills in teaching secondary mathematics. This subject takes a broad view of secondary (Stages 4-6) mathematics teaching, developing knowledge of and skills in pedagogy, curriculum, management and professional development. It does this in tutorial/workshop, school and electronic environments, using a selection of mathematics content drawn from Stages 4-6 and mathematics education contexts. A component of the subject is an extended professional experience placement in a secondary school.

EDPD405 Critical Approaches to Curriculum & Pedagogy

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: EDPD404 or EDPD406
Exclusions:
Subject Description: This subject looks beyond the technical issues of constructing lesson plans and units of work to issues of why the curriculum is the way that it is, what it might be like, and what happens because it is the way that it is. One area of interest will be the difference between the way the formal curriculum is planned and set out, and the enacted or experienced curriculum. Students will become familiar with and have the opportunity to analyse some of the debates influencing education, in schools, in academia and in the wider community. Some key concepts will be education stakeholders, policy imperatives and the hidden curriculum as well as more nuanced understandings of concepts already encountered, such as programs, curriculum and syllabuses. For curriculum there will be particular attention paid to the gap between the formal or written curriculum, and the enacted curriculum in schools, in particular in mathematics and science education. For pedagogy there will be particular attention paid to models of 'good' or 'quality' teaching, including the NSW DET Quality Teaching framework but also the Queensland New Basics framework, New Learning and other models.

EDPD406 Professional Community 4: Science Teaching

Spring Wollongong On Campus
Credit Points: 12
Pre-requisites: EDPD306
Co-requisite: None
Exclusions: EDUT406
Subject Description: This subject is the fourth in a sequence of EDPD subjects that develops professional and teaching skills in teaching secondary science. This subject takes a broad view of secondary (Stages 4-6) science teaching, developing knowledge of and skills in pedagogy, curriculum, management and professional development. It does this in tutorial/workshop, school and electronic environments, using a selection of science content drawn from Stages 4-6 and science education contexts. A component of the subject is an extended professional experience placement in a secondary school.

EDPE202 Health Promotion

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: EDPH102 OR EDPH101
Co-requisite: None
Exclusions:
Subject Description: Health promotion is the process of enabling individuals to identify their health needs and to have control over how these needs are addressed. The foundations of health promotion were laid down in the Ottawa Charter in 1986 and have been reaffirmed over the years, culminating in the Bangkok Charter in 2005, which acknowledges health promotion in a globalised world. This subject will examine the history of health promotion, as well as focussing on the impact of globalisation, technology, new and emerging diseases and environmental change, on the health of the world's people. Current health promotion initiatives and their effectiveness will be examined.

EDPE203 Principles and Practices of Coaching

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions: EDUP311
Subject Description: This subject develops the general principles of coaching and links them to school and community sport. Students will examine coaching strategies , participate in practical coaching sessions, undertake a coaching course or equivalent assessment and develop their discipline base on coaching theory.

EDPE204 Outdoor Education 1

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions: EDUP381
Subject Description: On successful completion of this subject, students will have an understanding of the theoretical underpinnings of Outdoor Education and the nature of wilderness environments. The intimate relationship between humans and the environment will be discussed along with the skills which will help them function in a wilderness environment with a degree of autonomy and safety. A variety of learning experiences will assist in the development and/or clarification of attitudes towards themselves, others and the environment. Field work experiences on a regular basis are undertaken on weekends or during session. Finally, students are exposed to a variety of ways to implement Outdoor Education within the school curriculum.

EDPE401 Sports Studies 1

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions: EDUP447
Subject Description: Students will complete two Level 1 Coaching Certificates or other accreditation approved by the lecturer. These could include Rugby League, Rugby Union, Soccer, Basketball, Fitness Leaders, LaCrosse, First-Aid, Scuba Diving Certificate, etc. Other accreditations, such as refereeing certificates, can be negotiated depending on the rigour of the course and interests of the group. Students will also undertake a Work Placement (a minimum of 5 days in a sports related work environment). An understanding of the physical and recreational benefits and safety precautions related to the students' area of choice will be developed with an analysis of pedagogical issues in coaching/refereeing/ administration.

EDPE402 Community Placement

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: EDPH102 or EDPH101, AND 24cp at 200 Level
Co-requisite: None
Exclusions:
Subject Description: Theoretical aspects of the subject will include: a general background to community service; the place of volunteers and voluntary service in the community, the development of social capital and the concept of service-learning. The subject will allow students to learn more about the wider community through practical experience and placement in a community setting.

EDPE403 Intervention Skills for Teachers

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: EDPH102 or EDPH101, and 24cp of 200L Education subjects
Co-requisite: None
Exclusions:
Subject Description: This subject will cover the following: An examination of the underpinnings of the causes of distress, (mental, physical, financial, social etc); how to identify students who may be in distress (eg basic assessment techniques); employment of crisis "first aid" and intervention strategies, (eg GRIP, MHFA). Furthermore, it will provide an awareness and understanding of the processes for referral (including confidentiality/privacy, duty of care) and identify support networks in the school and community. Opportunities will also be provided for students to attend professional workshops to extend their skills eg Mental Health First Aid.

EDPE404 Outdoor Education 2

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: EDPE204
Co-requisite: None
Exclusions: EDUP381
Subject Description: On successful completion of this subject students will be able to function autonomously in pristine wilderness environments. Furthermore, they will understand risk management and safety issues associated with multi-day fieldwork experiences and abseiling/ rockclimbing systems. A variety of learning experiences are undertaken on weekends and/or during session. Finally, students are exposed to a variety of ways to implement Outdoor Education within the school curriculum.

EDPE405 Sports Studies 2

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions: EDUP367
Subject Description: Students will complete two Level 1 Coaching Certificates or other accreditation approved by the lecturer. These could include Advanced Resuscitation, Sports Taping, Triathlon etc. Other accreditations, such as refereeing certificates can be negotiated depending on the rigour of the course and interests of the group. Students will also undertake a Work Placement (a minimum of 5 days in a sports related work environment). A variety of recreational pursuits and associated risk management strategies will be explored within the subject.

EDPE406 Advanced Exploration of Games and Sports

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: EDPM301
Co-requisite: None
Exclusions:
Subject Description: This subject allows those interested in the key movement area of games and sports to bring together core subjects of exercise physiology, motor learning, biomechanics and key elements of strategy and tactics, decision making, communication and concentration in a more specialised manner. It will suit both those who wish to teach and coach. Studnets will add further depth to the areas of strategy and tactics, decision-making (individual and team) and movement as well as added elements of communication and concentration. These will again be placed in the game categories of Invasion, striking/fielding, net court and target. Students will be able to specialise in categories and in sports within the categories.

EDPH101 About Young People

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: The subject will use contemporary literature on young people and small projects involving speaking with young people to develop understandings of the lives of young people from a range of perspectives, including their own, institutions, policymakers, youth researchers, educators and so on. Topics covered include: perspectives on, and models of, 'youth' and adolescence; youth perspectives; youth culture; ethnicity and young people, gender and young people; disability and young people; young people and the media, including representations of young people in the media; health and physical activity in the lives of young people.

EDPH102 Meanings of Health

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: EDPH101 and 12cp of 100 Level education subjects
Co-requisite: None
Exclusions: EDUP144
Subject Description: This subject will explore the meanings of health for individuals and the implications that perceptions of health have on the decisions they make. Students will reflect on their own meanings of health, and explore the meanings that others give to health and well-being, in order to better understand behaviour change. Through a strength-based approach, students will examine the socio-cultural factors that can be modified to keep people healthy. The focus of behaviour change is through the context of nutrition and healthy eating, in a school setting. Health literacy and consumer choice will be addressed.

EDPH201 Promoting Well-being 1

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: EDPH102
Co-requisite: None
Exclusions:
Subject Description: This subject will examine the psychosocial dimensions of health and the impact on an individual's well-being. Students will identify current adolescent health issues and the role of the teacher in addressing these issues and promoting well-being. The sociocultural influences on a young person's mental health and sense of self will be explored. The salutary factors of resilience, connectedness, participation, positive self worth and sense of belonging will be included. Common problems of bullying, harassment and responding to loss and grief will be discussed.

EDPH301 Socio-cultural Perspectives on Physical Activity and Physical Edu

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: EDPH101
Co-requisite: None
Exclusions: EDUP392
Subject Description: This subject will actively involve students in critical thinking about the meaning of a socio-cultural approach to sport and physical activity. Content will include: the meaning of physical activity in Australian and other societies; young people and physical activity; gender, sexuality, physical activity and physical education; bodies, health and physical activity; ethnicity and race; media, physical activity and sport; sport as a commodity; sport and politics; ideologies and physical education; physical education in Australia, and looking to the future of physical education.

EDPH302 Promoting Well-being 2

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: EDPH201
Co-requisite: None
Exclusions:
Subject Description: This subject will provide the opportunity to investigate and critically examine the health of young people with a particular focus on specific health issues such as risk taking behaviour, sexuality, sexual health and substance use and abuse. This subject will take a holistic view of young people and explore their health and wellbeing from a socio-cultural perspective. Students will investigate drug use trends and issues, various perspectives on individual and societal attitudes to risk taking behaviour, substance abuse and sexual health, the harm minimisation approach and the biological, social, psychological and ethical/moral dimensions of human sexuality. In examining these issues, prevention, intervention and postvention methods will be considered and a variety of resources/programs/support agencies identified that can assist in the meaningful promotion of the health of young people. Professional Experience will be embedded in this subject for 2010.

EDPH401 Application of Health Education in School and Community Settings

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: EDPH302
Co-requisite: None
Exclusions:
Subject Description: Content will be related to the overarching question - How does it all work in schools? Students will have the opportunity to examine the Whole School Approach and its relationship to the promotion and maintenance of a safe, supportive school environment. Specific reference will be made to the place of curriculum; the school ethos, policies, services; school/community partnerships and how these work together to provide an environment which supports resilient learners. Emphasis will be placed on the involvement of young people in this process through an initial forum and subsequent mini-conference.

EDPM101 Foundations of Movement Skill Acquisition

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: 18 cp of 100 level Education subjects
Co-requisite: None
Exclusions: EDUP123
Subject Description: This subject will engage students in theoretical and practical experiences that will examine the fundamental principles underlying movement skill acquisition and identify how these principles impact on the development of specialised skills and the promotion of lifelong physical activity. The basic principles underpinning adapting instruction for individual needs in physical activity settings will be introduced in this foundation subject.The

subject will further students understanding of the health benefit of physical activity.

EDPM201 Performing and Teaching Rhythmic Movement Activities

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: EDPM101
Co-requisite: None
Exclusions: EDPM102
Subject Description: This subject will enhance student knowledge and understanding of movement concepts and skill acquisition in rhythmic movement and how development of such skills and concepts can contribute to participation in a variety of lifelong physical activities. Students will actively engage in a variety of dance, gymnastics and rhythmic movement experiences to develop their own composition and skill competencies and examine the elements of movement and composition that underpin these forms of physical activity. Development of student ability to plan and implement quality learning experiences that will enhance enjoyment of these forms of physical activities will be an integral component of this subject.

EDPM202 Teaching and Learning Net Court, Striking and Target Games

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: EDPM101
Co-requisite: None
Exclusions:
Subject Description: The subject involves participants analysing play action in the game categories of Target, Net Court and Striking Fielding through theory, observation and play. They will examine a variety of different approaches to enhance understanding of core principles of play, strategies and tactics, decision-making, cognitive elements and motor skill requirements of these different games and sports. Students will develop skills in modifying and progressing learning activities to assist student learning through application play analysis techniques. Demonstrated game skill competencies plus the creation of optimal learning opportunities for students using a Game Centred Approach will be required at the completion of the course.

EDPM301 Teaching and Learning Invasion Games

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: EDPM202
Co-requisite: None
Exclusions:
Subject Description: The subject involves participants further analysing play action in the category of Invasion/ Territory games through theory, observation and play. They will examine a variety of different approaches to enhance understanding of core principles of play, strategies and tactics, decision making, cognitive elements and motor skill requirements of these different games and sports plus develop skills in modifying and progressing learning activities to assist student learning. Motor Learning and play analysis techniques will be used to further enhance student understanding in this area. Demonstrated game skill competencies plus the development of optimal learning opportunities for students using a Game Centred Approach will be required at the completion of the course.

EDPM401 Promoting Lifelong Physical Activity

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: EDPM301
Co-requisite: None
Exclusions:
Subject Description: With research clearly confirming the short and long term health benefits of physical activity, the need for all individuals to adopt lifelong physical activity is vital. This subject will examine opportunities for physical activity over the lifespan and analyse the barriers to physical activity. Students will participate in and research a broad range of movement experiences - competitive and non-competitive, individual, group and team, recreational, health and fitness and outdoor education challenges. Planning programs for groups and individuals in fitness and physical activity in both the school and community settings will be examined.

EDPP102 Foundations of Teaching and Learning in PDHPE

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: 18cp of 100 Level Education subjects, including EDFE101
Co-requisite: None
Exclusions: EDUP153
Subject Description: This subject is concerned with the development of a teacher and as such focuses on; the roles and responsibilities as teachers of PDHPE; theoretical foundations and rationale for the inclusion of this KLA in both primary and secondary curriculums; principles of quality teaching practice as discussed in the Professional Teaching Standards with an emphasis on communication, planning, classroom management, and reflection; observation and practice of teaching principles in outdoor and indoor teaching contexts. Students will complete 10 hours Professional Experience in an allocated primary school.

EDPP201 Quality Teaching & Learning in Physical and Health Education

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: EDPP102
Co-requisite: None
Exclusions:
Subject Description: This subject is concerned with providing information and experiences for students on the nature of the learner and the learning environment and its impact on physical and health education curriculum development. It also explores a variety of teaching and learning strategies that teachers can employ in their lessons; their advantages and disadvantages, the criteria for their selection and their contribution to the Quality Teaching Framework. Students will complete a 15 day professional experience during the session.

EDPP202 Teachers as Communicators

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: EDPP102
Co-requisite: None
Exclusions:
Subject Description: EDPP202 is a core subject in the Bachelor of Physical and Health Education degree. It is the third subject in the pedagogy strand and has two main foci:interpersonal communication in educational settings and the development of a reflective approach to teaching. Teaching involves communicating everyday with a variety of people in a range of contexts with effective communication an essential aspect of quality teaching and learning. Using a model of action research this subject will provide students with opportunities to be aware of the processes of communication operating in classrooms, through reflection on their own practice. It also provides students with opportunities to develop their oral and written communication skills,with particular attention to communication processes operating in the school setting and particularly physical and health education lessons. Students will develop an understanding of communication as a complex process through reflection on both theoretical and practical experiences.

EDPP301 Curriculum Perspectives in Physical and Health Education

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: EDPP201
Co-requisite: None
Exclusions: EDUP355
Subject Description: The subject explores the processes involved in curriculum development and critically examines contemporary contexts and issues in which a Physical and Health Education curriculum operates. Students are involved in investigating the PDHPE Stage 4 & 5 Syllabus where students undertake an in-depth examination of the syllabus developing integrated unit programs. The subject also explores the Stage 6 (Years 11/12) PDHPE Higher School certificate curriculum and other relevant Board of Studies syllabi.

EDPP302 Risk and Behaviour Management in Physical and Health Education

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: EDPP201
Co-requisite: None
Exclusions:
Subject Description: This subject will focus on establishing risk and behaviour management strategies in the learning environment in a variety of settings, such as schools, specific physical and health education settings and outdoor recreation environments. The subject will initially examine the management of risk through appropriate planning, administrative policies and practical responses in a variety of settings which will lead into more in-depth analysis and evaluation of behaviour management theories and their practical application.

EDPP402 Leadership, Management and Professional Learning in Phys&Health Edu

Spring Wollongong On Campus
Credit Points: 12
Pre-requisites: All core subjects, including EDPP301
Co-requisite: None
Exclusions:
Subject Description: In preparation for their entry into the teaching profession as early career teachers, this subject will initially examine current priorities and developments in education that are relevant to Physical and Health Education including school organization, leadership and management issues, syllabus developments, and assessment and reporting strategies. Secondly, students will have an opportunity to reflect on the concepts of professional teaching standards, law, ethics and models of quality teaching in education in general and, Physical and Health Education, in particular. This will provide direction and a foundation for the internship in the secondary school and for on-going professional development as early career teachers. Importantly, the content covered in this subject will be explored within the context of Professional Teaching Standards from the NSW Institute of Teachers' and the implications of these for beginning teachers.

EDPP403 The Physical and Health Education Internship

Spring Wollongong On Campus
Credit Points: 12
Pre-requisites: None
Co-requisite: EDPP402
Exclusions:
Subject Description: The Internship Program provides students with an opportunity to acquire a higher level of formal practical experiences within the framework of the New South Wales Institute of Teachers Professional Standards. The length of the internship provides sufficient time for undergraduate students to plan, teach, assess and evaluate a teaching program that has been designed for specific classes of secondary school students including senior students. As the internship progresses, the student can be expected to accept an increasing level of responsibility for the progress and welfare of students and to experience a greater sense of reality in terms of what it means to be a teacher. The overall aim of the Internship is to ensure that the student is sufficiently competent to enter the teaching profession. Interns are appointed as full time, qualified supernumerary teachers for 35 days in Session 2 (i.e. School term 3 & 4) in schools, which are in partnership with the University.

EDPR401 Honours Thesis

Spring2013/Autumn2014 Wollongong On Campus
Credit Points: 18
Pre-requisites: EDER301 and a minimum WAM of 75
Co-requisite: None
Exclusions: EDUP430
Subject Description: The student will be required to complete a thesis, approximately 18,000 words in length, based upon a course of supervised study on a topic chosen by the student and approved by 2supervisors and the Faculty Research Committee. This thesis can take the form of a qualitative, quantitative, or mixed-mode research project.

EDPS101 Introduction to Anatomy and Physiology I

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions: SHS 111
Subject Description: Introduction to Anatomy and Physiology I explores basic concepts of both structure and function of the human body developed and delivered as an integrated approach. Students cover basic principles of anatomy and physiology and study in further detail six of the eleven systems of the body (skeletal, articulations, muscular, nervous, cardiovascular and respiratory). Teaching and learning will take place in lectures, laboratory and tutorial settings using state of the art resources (wet laboratories) and online support. Introduction to Anatomy and Physiology

provides an exciting insight into the human body and forms an excellent basis to more advanced topics in anatomy/ physiology.

EDPS101 Introduction to Anatomy and Physiology I

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions: SHS 111
Subject Description: Introduction to Anatomy and Physiology I explores basic concepts of both structure and function of the human body developed and delivered as an integrated approach. Students cover basic principles of anatomy and physiology and study in further detail six of the eleven systems of the body (skeletal, articulations, muscular, nervous, cardiovascular and respiratory). Teaching and learning will take place in lectures, laboratory and tutorial settings using state of the art resources (wet laboratories) and online support. Introduction to Anatomy and Physiology provides an exciting insight into the human body and forms an excellent basis to more advanced topics in anatomy/ physiology.

EDPS202 Professional Studies 2

Spring Wollongong On Campus
Credit Points: 12
Pre-requisites: EDKL201
Co-requisite: None
Exclusions: EDUT211
Subject Description: This subject builds on the first year subject that introduced students to the concept of the learning environment and the work of teachers. This subject will require students to diagnose their professional competency, analyse and evaluate the various modes of assessment used in today's classrooms, as well as investigate current and topical school, student, parent and community issues. The subject will also provide students the opportunity to further develop their teaching expertise. Students will be required to successfully complete a three week professional experience in a primary school.

EDRD402 Advanced Teaching of Reading Difficulties

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: EDKL201
Co-requisite: None
Exclusions:
Subject Description: Both reading acquisition, reading comprehension and spelling will be addressed in this subject, with particular reference to those students who do not acquire these essential skils as quickly or as easily as their peers. The assessment of reading skills and spelling, including critical phonological skills, letter-sound knowledge, vocabulary development, fluency and comprehension and the planning of appropriate individualised lessons based on those assessment results in consultation with an informed mentor, will form the basis of this subject. Students will attend 4 x 3hr seminars, meet with mentors in week 5, spend 2 days/week for 5 weeks in schools assisting students with reading/spelling difficulties, have 1hr/wk of mentoring time with specialist personnel and 1 hr/wk supervised preparation. In week 12, students will attend 3hr research focus group.

EDRT401 Honours Thesis Primary

Annual Wollongong On Campus
Credit Points: 24
Pre-requisites: WAM: 75 and successful completion of honours elective
Co-requisite: None
Exclusions: EDUT493
Subject Description: The Primary B.Ed. honours student will be required to complete a thesis, approximately 24,000 words, in length, based upon a course of supervised study on a topic chosen by the student and approved by 2supervisors and the Faculty Research Committee. This thesis can take the form of a qualitative, quantitative or mixed-mode research project.

EDSD401 Education for Sustainability

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: The goal for Education for Sustainability is to develop skills and knowledge that enables all citizens, and through them social institutions, to play a role in the transition to a sustainable future for the planet. Schools are key sites where ESD can be taught and put into action as a model for sustainability. ESD involves approaches to teaching and learning that integrate goals of conservation, social justice, appropriate development and democracy into visions for social action and personal change. ESD has a comprehensive approach and incorporates the old social studies subject areas of development education, human rights education, peace education, environmental education, multicultural education and active citizenship in addition to new approaches to science and conservation education, technology and media studies. The focus of ESD is on critical thinking, problem-solving, values analysis and active citizenship. Additionally, students enrolled in this subject will be engaged with current educational debates and reforms that seek to design relevant pedagogies and practices that meet the needs of children and their society in the 21st century. They will need to take into account that being in new times means a new generation of children, who will demand that their teachers consider new ways of thinking about teaching and learning that will contribute to their shared vision of a sustainable future. In this subject students will be asked to bring together knowledge and experiences from their previous three years of learning across science, technology and HSIE to explore global social and environmental issues and their impact on their local region. To put their knowledge into action through a final assessment students will adopt a local school and work with the school community to develop a whole school ESD plan.

EDSE401 Education for Social Equity

Annual Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: There is a convincing body of research that prospective teachers who engage in community or service learning as part of their teacher preparation programs develop skills that will help them both as teachers and as people. In this subject students will undertake a community service placement that will assist in them gaining a sense of social equity and justice.

Students will undertake a placement in a community-based organisation such as a homework centre, disability service, youth and children's service, aged care facility, drug and homeless program, or environmental organisation. Students will participate in a series of campus-based workshops to help them prepare for and then share their community experience.

EDTD302 Teaching for Diversity

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: In this subject, the focus will be on two particular groups of students: those who are gifted and those from non-English-speaking backgrounds (NESB), although of course there is often overlap between these groups. In the subject students will be explore the various forms of giftedness, focussing particularly on students' academic, social and emotional needs. Further, in the subject students will examine how to appropriately educate gifted students in the regular classroom. In regard to NESB students will develop an understanding of the diversity within this group of learners (migrants, refugees, new arrivals, and so on) and how to plan teaching programs to cater for this diversity.

EDUE324 Gender and Social Justice

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions: EDUC292
Subject Description: This subject will examine the relationship between gender, social justice and education. Students will be introduced to the contribution made by feminist theory and research methods to educational practice and policy. Discourses of sexuality, inequality, meritocracy and democracy will be examined through an issues-based approach.

EDUP234 Introduction to Exercise Physiology

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: EDPS101 or EDUP131
Co-requisite: None
Exclusions:
Subject Description: This subject extends the study of human structure and function into the work and exercise domains. Areas to be studied include energy liberation and metabolism, applied muscle physiology and applied cardiorespiratory physiology.

EDUP234 Introduction to Exercise Physiology

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: EDPS101 or EDUP131
Co-requisite: None
Exclusions:
Subject Description: This subject extends the study of human structure and function into the work and exercise domains. Areas to be studied include energy liberation and metabolism, applied muscle physiology and applied cardiorespiratory physiology.

EDUP235 Biomechanics For Educators

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: EDPS101 or EDUP131
Co-requisite: None
Exclusions: BMS211 OR SHS 222
Subject Description: This subject introduces fundamental biomechanical principles to provide a basis for understanding the causes and effects of human motion. The subject is an extension of the basic principles of human structure and function studied in Anatomy and Physiology and will include: (i) an introduction to analysis of movement; (ii) basic biomechanical principles of motion; and (iii) subjective analysis of movement.

EDUP235 Biomechanics For Educators

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: EDPS101 or EDUP131
Co-requisite: None
Exclusions: BMS211 OR SHS 222
Subject Description: This subject introduces fundamental biomechanical principles to provide a basis for understanding the causes and effects of human motion. The subject is an extension of the basic principles of human structure and function studied in Anatomy and Physiology and will include: (i) an introduction to analysis of movement; (ii) basic biomechanical principles of motion; and (iii) subjective analysis of movement.

EDUP301 Issues In Health & Physical Activity

Not on offer in 2013
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions: EDHP401
Subject Description: All teachers irrespective of subject area have a responsibility for the physical, social and emotional well-being of their students. This subject will focus on personal development, health and physical education issues which impact on the welfare and health status of young people. Issues in personal development/ health could include: mental health, depression, eating disorders, suicide, drug use, and sexuality. In the physical activity area, the focus will be on increasing students' confidence. This would be achieved by: increasing knowledge of a variety of sporting activities; developing organisational skills necessary for conducting an efficient physical activity or sports session, and reinforcing an understanding of risk management in external environments.

EDUT404 Professional Mathematics Community III

Not on offer in 2013
Credit Points: 12
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: In this subject students will review a number of theoretical frameworks and evaluate their impact on 7-12 mathematics learning and teaching. It is intended that students will reflect on the influence of cognitivist and constructivist perspectives on classroom practices and design of productive learning environments. Seminars will also focus on cultural, social and organisational constraints that have traditionally impeded access to mathematics. The use of Information Technology in the examination of growth

of deeper understanding of selected mathematics concepts will be explored further. It will build on the understandings and skills developed in EDUT204 and EDUT304, preparing students for Professional Practice and leading to the development of confidence and competence in applying class management skills, and facilitating the use of post-lesson reflection and evaluation. This subject will include a practicum with five separate days plus two two-week blocks.

EDUT405 Critical Approaches To Curriculum

Not on offer in 2013
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: This subject covers fundamental principles of curriculum design, implementation and evaluation, and critiques them from a variety of perspectives, within NSW, Australian and international contexts. This subject addresses issues such as the competing interests of different curriculum stakeholders, questions of rigour and the determination of subject content, unequal learning outcomes, critiques of the curriculum within academic, media and political domains and the contribution of research in learning and teaching. Part of the subject will require students to apply these critiques to their own teaching subject(s).

EDUT406 Professional Science Community 111

Not on offer in 2013
Credit Points: 12
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: This subject will focus on how to become an effective member of a secondary science staff. This includes understanding the stage 4-6 syllabus documents, related school documents, how to plan a teaching program, how to devise assessment and reporting schemes, devise and organise resources as well as how to work in a team. Seminars will also focus on cultural, social and organisational constraints that have traditionally impeded access to science. The use of IT in the examination of growth of deeper understanding of selected science concepts will be explored further. It will build on the understandings and skills developed in EDUT306 and, preparing students for Professional Practice and leading to the development of confidence and competence in applying class management skills, and facilitating the use of post-lesson reflection and evaluation. The subject will include a practicum with five separate days plus two two-week blocks.

EESC101 Planet Earth

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions: Not to count with EESC252
Subject Description: How does the solid planet Earth function and of what does it consist? This subject provides an introduction to Earth sciences by considering topics such as geological time, the solar system, the interior of Earth, tectonics and structural geology, crystals, minerals, volcanoes and volcanic processes, and characteristics of igneous, sedimentary and metamorphic rocks.

EESC102 Earth Environments and Resources

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions: Not to count for credit with EESC252
Subject Description: The frequent conflicts between resource utilisation and its environmental consequences are of major concern in modern societies. This subject considers the implications and environmental and geological aspects of resource utilisation on Earth. Topics include economic geology: gold, metals, water, coal, oil and gas; industrial minerals; geophysical exploration; mining and resources; sedimentary processes, products and environments of deposition; fossils and palaeoecology.

EESC103 Landscape Change and Climatology

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: This subject examines the physical geography of our planet including the character of the oceans and their interaction with the land masses, the behaviour of the atmosphere, world-wide weather and climatic patterns, climatic change, major distributions of soil and biota, and the Earth's landforms. The latter includes information on weathering, theories of landform evolution, hillslope processes, glaciation, hydrology, river and coastal processes, and deserts. Laboratory classes concentrate on map and air photograph interpretation.

EESC104 Human Geography: Sustainability, Cities and Cultures

Spring Batemans Bay On Campus
Spring Bega On Campus
Spring Shoalhaven On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: This subject introduces students to the central themes of human geography. The themes introduced in this subject include cultural, tourism, social, population and development geographies. A number of questions are examined to introduce these themes. These questions include those that investigate cultures of natures, national identities, international migration, mechanisms of world population growth and global inequalities. Through introducing these themes this subject aims to increase awareness and understanding of the relationships between the environment and culture, tourism, population and economic growth. Practical classes introduce students to a range of analytical techniques used in human geography. These techniques including deconstruction, content analysis and participant observation are applied to a range of subject-relevant problems.

EESC201 Earth's Inferno

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: 12 credit points of 100-level EESC subjects.
Co-requisite: None
Exclusions:
Subject Description: In this subject, students will learn how the ocean floor and the continents are created. They will learn how volcanoes and their plumbing system work, how magmas are produced in the Earth's mantle and crust and how their composition changes during their ascent. They will learn to identify different metamorphic rocks and how these relate to different pressure-temperature conditions and different plate tectonic settings. Skills acquired will include the use of geochemistry to understand igneous and metamorphic processes, and the identification of common rock-forming minerals under the microscope.

EESC202 Soils, Landscapes and Hydrology

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: 12 credit points of 100-level EESC subjects.
Co-requisite: None
Exclusions:
Subject Description: The interdependence of landform, hydrology and soil, together with time and place, are the major factors influencing landscape evolution. This subject examines denudation of highlands; survival of ancient landscapes; climatic and geomorphic controls on landforms; erosion; weathering processes and the formation of soils, desert dunes, laterites, silcretes and calcretes; soil surveying: environmental records of lakes; groundwater and surface-water processes and chemistry; dating of land-surfaces and groundwater; the hydrological cycle.

EESC203 Biogeography and Environmental Change

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: 12 credit points of 100-level EESC subjects.
Co-requisite: None
Exclusions:
Subject Description: The present environment of Australia is the legacy of interactions between geological, biological and hydrological processes and human impacts. This subject links the biogeographical study of the distribution of plants and animals and their interaction with the physical environment to long-term environmental change. Set within the context of long-term geological and climate change, topics include: the origins of Australian flora and fauna, the impact of long-term climatic change, anthropogenic effects on biota, and the impact of fire. Modern techniques used to reconstruct ecosystems and climates, map vegetation and human impact, and to analyse vegetation data are presented.

EESC204 Introductory Spatial Science

Autumn Wollongong On Campus
Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions: Not to count for credit with EESC213
Subject Description: This subject aims to provide students with a comprehensive introduction to the theory and practice of dealing with geospatial technologies, collectively termed 'spatial science'. Spatial science draws upon concepts, tools and skills from several other related disciplines (primarily geography, cartography and computer science) and technologies (GIS, remote sensing, GPS). In essence, spatial science is concerned with all aspects of dealing with spatially referenced data (that is, data for which the location of a feature or phenomenon is important and is known). This includes identifying the nature and location of features (geodetics, global positioning, remote sensing), and representing those features on maps (cartography) that are stored in a computer information system (GIS). It also encompasses exploring where the features are located in relation to each other and other features (spatial analysis, geostatistics, geo-visualisation), and what this means for issues in the real world.

EESC205 Population Geography: a global perspective on people and place

Autumn Batemans Bay On Campus
Autumn Bega On Campus
Autumn Shoalhaven On Campus
Credit Points: 6
Pre-requisites: 12 credit points of 100-level EESC subjects.
Co-requisite: None
Exclusions: Not to count for credit with EESC212
Subject Description: This subject is designed to introduce students to a range of social, cultural, economic and environmental issues that affect how populations grow, change and move throughout the world. The lecture content is designed to enable students to critically study how geographers analyse population issues and how this analysis overlaps with other disciplines. In practical classes, students will conduct a questionnaire-based research project, learning core skills in data analysis along the way.

EESC208 Environmental Impact of Societies

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: 12 credit points of any 100-level subjects
Co-requisite: None
Exclusions: Not to count for credit with EESC215
Subject Description: Humans have been transforming the Earth and its processes for many thousands of years. This subject provides an overview of those long term interactions as a context for better understanding contemporary environmental concerns. Topics include prehistoric human interactions with the environment, and Australian environmental issues (e.g. climate change, cities, energy, pollution, food supply, biodiversity) in a global context. Students will be introduced to a variety of research methods relevant to this field. A weekend fieldtrip may be required.

EESC210 Rural and Regional Geography: social change and policy

Spring Batemans Bay On Campus
Spring Bega On Campus
Spring Shoalhaven On Campus
Credit Points: 6
Pre-requisites: Normally EESC104 or 6 credit points of 100-level Sociology
Co-requisite: None
Exclusions: Not to count for credit with EESC211
Subject Description: This subject examines the global and national processes that shape the social, economic and spatial characteristics of Australian regions. Students will study issues such as urbanisation, economic restructuring, population dynamics, and urban and regional policy to explore how contemporary urban and rural landscapes have been formed and how they are being constantly reshaped. Recent examples, such as dairy industry restructuring and changes in regional towns, will be used to make connections between these broader influences and specific aspects of Australian urban and rural life. Through workshops and assignments, students will develop practical skills and knowledge in areas such as media analysis and the use of census and other data sources. Contact hours include

fieldtrips to farms and country towns. Fieldtrip schedules will include one to two full day fieldtrips on a weekend. Fieldtrips are run in lieu of other classes such as lectures and tutorials.

EESC211 Society and Change in Rural and Regional Australia

Spring Batemans Bay On Campus
Spring Bega On Campus
Spring Shoalhaven On Campus
Credit Points: 8
Pre-requisites: Normally EESC104 or 6 credit points of 100-level Sociology
Co-requisite: None
Exclusions: Not to count for credit with EESC210
Subject Description: This subject examines the global and national processes that shape the social, economic and spatial characteristics of Australian regions. Students will study issues such as urbanisation, economic restructuring, population dynamics, and urban and regional policy to explore how contemporary urban and rural landscapes have been formed and how they are being constantly reshaped. Recent examples, such as dairy industry restructuring and the changes in regional towns, will be used to make connections between these broader influences and specific aspects of Australian urban and rural life. Through workshops and assignments, students will develop practical skills and knowledge in areas such as media analysis and the use of census and other data sources. Contact hours include fieldtrips to farms and country towns. Fieldtrip schedules will include one to two full day fieldtrips on a weekend. Fieldtrips are run in lieu of other classes such as lectures and tutorial

EESC212 Population Geography: a global perspective on people and place

Autumn Batemans Bay On Campus
Autumn Bega On Campus
Autumn Shoalhaven On Campus
Credit Points: 8
Pre-requisites: 12 credit points of any 100-level subjects
Co-requisite: None
Exclusions: Not to count for credit with EESC205
Subject Description: This subject is designed to introduce students to a range of social, cultural, economic and environmental issues that affect how populations grow, change and move throughout the world. The lecture content is designed to enable students to critically study how geographers analyse population issues and how this analysis overlaps with other disciplines. In practical classes, students will conduct a questionnaire-based research project, learning core skills in data analysis along the way.

EESC213 Introduction to Spatial Science

Autumn Wollongong On Campus
Spring Wollongong On Campus
Credit Points: 8
Pre-requisites: None
Co-requisite: None
Exclusions: Not to count for credit with EESC204 or EESC914
Subject Description: This subject aims to provide students with a comprehensive introduction to the theory and practice of dealing with geospatial technologies, collectively termed 'spatial science'. Spatial science draws upon concepts, tools and skills from several other related disciplines (primarily geography, cartography and computer science) and technologies (GIS, remote sensing, GPS). In essence, spatial science is concerned with all aspects of dealing with spatially referenced data (that is, data for which the location of a feature or phenomenon is important and is known). This includes identifying the nature and location of features (geodetics, global positioning, remote sensing), and representing those features on maps (cartography) that are stored in a computer information system (GIS). Based on the skills they obtain during the semester, students will be asked to conduct a literature review to develop a written proposal for a spatial science project in their area of interest.

EESC215 Environmental Impact of Societies

Spring Wollongong On Campus
Credit Points: 8
Pre-requisites: 12 credit points of any 100-level subjects
Co-requisite: None
Exclusions: Not to count for credit with EESC208
Subject Description: Humans have been transforming the Earth and its processes for many thousands of years. This subject provides an overview of those long term interactions as a context for better understanding contemporary environmental concerns. Topics include prehistoric human interactions with the environment, and Australian environmental issues (e.g. climate change, cities, energy, pollution, food supply, biodiversity) in a global context. Students will be introduced to a variety of research methods relevant to this field. A weekend fieldtrip may be required.

EESC216 Sediments and Fuels

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: 12 credit points of 100-level EESC subjects
Co-requisite: None
Exclusions:
Subject Description: EESC216 provides an overview of marine sediments, sedimentary environments and fossils using local field examples as a teaching platform. Topics include: clastic high- and low-energy shelf sediments; evaporites; reefs and cool water carbonates; deep ocean sediments; marine transport mechanisms; major marine invertebrate groups and their fossil records; palaeoecology; application of stable isotopes in marine environments, seismic exploration techniques; and the assessment of coal and petroleum resources.

EESC250 Field Geology

Summer 2013/2014 Wollongong Flexible
Credit Points: 6
Pre-requisites: EESC101, or satisfactory progress in EESC102
Co-requisite: None
Exclusions:
Subject Description: The subject is taught and assessed on the basis of work completed during a 12 day field tutorial to view, describe and interpret well-exposed, coastal rock sequences on the south coast of New South Wales. A variety of techniques will be used for measurement of stratigraphic sections, description and interpretation of geological structures, detailed sedimentary and volcanic facies assessment, and the organisation and production of geological maps, field mapping exercises and reports.

EESC252 Geology for Engineers I

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions: Not to count for credit with: EESC101, or EESC102
Subject Description: This subject provides an introduction to geology applied to engineering. Topics include rock-forming minerals; petrology and physical properties of igneous, sedimentary and metamorphic rocks; weathering and erosion; basic geological structures and identification of unstable rock masses; geological mapping and three-point problems; geological controls on groundwater flow and chemistry; geophysics; site investigations; and the relationship between geology and various engineering works such as excavations, tunnels, dams and foundations.

EESC260 Earth and Environmental Sciences Research Project

Autumn Wollongong On Campus
Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: 12 credit points of 100-Level EESC. Enrolment in BScAdv program.
Co-requisite: None
Exclusions:
Subject Description: This subject involves the study of specific research topics in the Earth and Environmental Sciences under the guidance of a member of staff. The study may include research assistance, directed reading, computer-based studies, and/or library assignments. Emphasis will be placed on the appropriate design and execution of field or laboratory experiments and/or studies involving the analysis and interpretation of data. Students will develop skills in the acquisition and presentation of data in verbal and written form.

EESC300 Directed Studies in Earth and Environmental Sciences A

Autumn Wollongong On Campus
Credit Points: 8
Pre-requisites: Restricted Entry. Admission by application to Head of School of Earth & Environmental Sciences.
Co-requisite: None
Exclusions:
Subject Description: This subject consists of directed reading, field and laboratory work (as required) and writing, leading to the production of a major research essay/project report or reports in a field selected by the student and approved by the Supervisor.

EESC301 Plate Tectonics, Macrotopography and Earth History

Autumn Wollongong On Campus
Credit Points: 8
Pre-requisites: 12 cp of 200-level EESC, normally including either EESC201 or EESC202
Co-requisite: None
Exclusions:
Subject Description: This subject outlines the theory of plate tectonics and evaluates its role as the dominant control of macrotopography on Earth. Large-scale long-term and short-term processes that control landforms and bathymetry are examined in relation to plate boundaries, ocean basins, continental margins, continental interiors and sedimentary basins. Earth structure is examined along with earthquakes and deformation (stress, strain, faulting and folding). Aspects of Earth history are considered in relation to past mountain belts, continents and oceans. Practicals are a series of tutorials designed to reinforce the material covered in lectures. Field work consists of up to two field trips.

EESC302 Coastal Environments: Process and Management

Spring Wollongong On Campus
Credit Points: 8
Pre-requisites: 12 cps of 200-level EESC subjects
Co-requisite: None
Exclusions:
Subject Description: This subject examines sedimentary and ecological processes on the coast and explores coastal management issues in the context of these processes. Topics include the morphology, evolution and morphodynamics of coastal landforms, particularly beaches, estuaries, deltas, coastal barriers, dunes and coral reefs. The role of different wave regimes, tectonic processes, sea-level change and extreme events in shaping the coast is examined.

EESC303 Fluvial Geomorphology and Sedimentology

Autumn Wollongong On Campus
Credit Points: 8
Pre-requisites: 18 cps of 200-level EESC subjects, normally including EESC201 and EESC202
Co-requisite: None
Exclusions:
Subject Description: Rivers play a dynamic role in shaping the Earth's landforms (geomorphology), constructing sedimentary sequences of economic importance (sedimentology), and presenting flood and erosion hazards, all of which greatly influence human use of the Earth's surface. This subject examines processes forming and modifying contemporary drainage basins, interprets fluvial sedimentary records and relates changes in these records to variations in climate and depositional environment. Attention is given to human modification and the management of river systems.

EESC304 Geographic Information Science

Spring Wollongong On Campus
Credit Points: 8
Pre-requisites: EESC204 or EESC213
Co-requisite: None
Exclusions:
Subject Description: This subject builds upon the concepts and software skills developed in EESC204 to develop your ability to act as an independent problem-solver, ready to use GIS either for further research or in a job setting. Over the semester, you will build this ability by working together as a class to complete a real-world GIS project from 'start to finish'. You will work in teams during lectures to design the project based on relevant examples from the academic literature. You will work independently in the practical sessions to carry out the analysis for the project. At the end of the semester, you will produce a report of project results in the form of an article for submission to a journal. For the final exam, you will describe a research plan for a GIS project in your own area of interest.

EESC305 Remote Sensing of the Environment

Autumn Wollongong On Campus
Credit Points: 8
Pre-requisites: EESC204 or EESC213 or equivalent
Co-requisite: None
Exclusions:
Subject Description: Remote sensing is an important tool for monitoring and modelling the condition and dynamics of terrestrial, aquatic and atmospheric environments. Biophysical information extracted from images may be used in many ways, as image or thematic maps, directly in decision making, as estimates of biophysical variables or integrated with other spatial information systems for further analysis and display. This subject is a logical progression from EESC204, the latter having not only provided the student with an introduction to the theory and practice of geospatial technologies, but basic knowledge of remote sensing principles. EESC305 emphasises digital image processing for analysis of remotely sensed imagery, including airborne and satellite multispectral and hyperspectral data. Practical sessions will involve a progression of common analysis techniques and tutorials. Concepts and skills acquired will be sequentially applied in these sessions.

EESC306 Resources and Environments

Spring Wollongong On Campus
Credit Points: 8
Pre-requisites: EESC201
Co-requisite: None
Exclusions:
Subject Description: This subject covers the major concepts in metalliferous deposits and industrial minerals and the environmental impacts of mining activities. Topics include the types and genesis of ore in igneous, metamorphic and sedimentary rocks, and their tectonic association. The applications of geochemical methods and geophysical methods such as seismic, magnetic, gravity electrical and radiometric to the discovery and evaluation of deposits will be introduced. Professional matters such as the calculation of reserves, code of ethics, mining techniques and minesite rehabilitation will be introduced.

EESC307 Spaces, Places and Identities: Qualitative research design

Autumn Wollongong On Campus
Credit Points: 8
Pre-requisites: 12cp of any 200-level subjects
Co-requisite: None
Exclusions:
Subject Description: The lecture content is designed to enable students to critically study how geographers have conceptualised space/place. Different geographical approaches will be introduced in this subject that investigate the connections that have been made between place making processes and identity. Drawing on case studies, the relationships between place and identity will be explored in the context of places of the nation, resistance, pleasure and fantasy. Underpinning the design of workshops is the objective that students will learn skills to transfer into their career paths. Proficiency in three areas is concentrated upon in the subject: qualitative research, team-work and presentation skills. Employers often seek graduates with demonstrated skills in team-work, critical thinking, oral communication and report writing. This subject is designed to enable students to develop these skills.

EESC308 Environmental and Heritage Management

Spring Wollongong On Campus
Credit Points: 8
Pre-requisites: 12cp of 200-level EESC
Co-requisite: None
Exclusions:
Subject Description: This subject presents geographic perspectives on environmental and heritage management. We examine environmental and cultural values and how they are translated into practice to protect and manage landscapes, places, resources and ecosystems. Consequently, the subject will consider definitions of concepts such as environment, nature and heritage as well as legislative and policy frameworks in Australia and overseas. These themes will be pursued through studies of issues such as indigenous land and heritage management, wilderness identification and management, catchment management and restoration of ecosystems and the built environment. The subject is relevant for students specialising in any of the EESC strands. Contact hours include a one day fieldtrip.

EESC309 Dung, Death and Decay: Modern scientific methods in archaeology

Autumn Wollongong On Campus
Credit Points: 8
Pre-requisites: 12cp from EESC101, EESC102, EESC103 and BIOL104; plus 12cp from EESC201, EESC202, EESC203, BIOL251, CHEM214 and PHYS233
Co-requisite: None
Exclusions:
Subject Description: Students will be exposed to the methods and applications of four key components of archaeological science: geoarchaeology, geochronology, geochemistry and bioarchaeology. Students will learn how to use modern scientific methods to assess how archaeological deposits formed and may have changed over time; when archaeological objects were made and other events of interest took place; what the human occupants of these sites ate, drank and other aspects of their life histories (e.g. migration patterns); what kinds of environment these people inhabited, including the diversity of fauna and the climates under which they lived and died.

EESC310 Water Resources and Management

Spring Wollongong On Campus
Credit Points: 8
Pre-requisites: 18cps of 200-level EESC normally including EESC202
Co-requisite: None
Exclusions:
Subject Description: There is little doubt that water is now the world's most seriously threatened essential resource and it is the most important environmental issue in the minds of the Australian public. It is an essential subject area for investigation and understanding by students in Earth and Environmental Sciences, and it has increasing employment potential. It will provide a capstone to introductory hydrology provided in EESC 202, introductory salinity and land-clearance issues discussed in EESC 208, to fluid mechanics and river process in EESC 303, and it will interface with issues of environment, heritage and the restoration of ecosystems in EESC 308.

EESC350 Directed Studies in Earth and Environmental Sciences B

Spring Wollongong On Campus
Summer 2013/2014 Wollongong On Campus
Credit Points: 8
Pre-requisites: Restricted entry. Admission by application to Head of School of Earth & Environmental Sciences.
Co-requisite: None
Exclusions:
Subject Description: This subject consists of directed reading, field and laboratory work (as required) and writing, leading to the production of a major research essay/project report or reports in a field selected by the student and approved by the Supervisor.

EESC401 Earth and Environmental Sciences Honours Full-time

Annual Wollongong On Campus
Spring2013/Autumn2014 Wollongong On Campus
Credit Points: 48
Pre-requisites: Completion of requirements for a pass degree, together with at least 24 cps of 300-level EESC subjects with a minimum WAM of 70%.
Co-requisite: None
Exclusions: Not to count for credit with EESC402, EESC404, or EESC405
Subject Description: Final-year Honours students are required to write a thesis of approximately 20,000-25,000 words on an approved topic embodying the results of a piece of supervised research and to participate in a seminar program.

EESC402 Earth and Environmental Sciences Joint Honours

Annual Wollongong On Campus
Spring2013/Autumn2014 Wollongong On Campus
Credit Points: 24
Pre-requisites: Completion of requirements for a pass degree, together with at least 24 cps of 300-level EESC subjects at an appropriate standard (minimum WAM of 70%)
Co-requisite: None
Exclusions: Not to count for credit with EESC401, EESC404, or EESC405
Subject Description: Students enrolling in this subject must: (1) have completed a program meeting the requirements for admission to Honours in Earth and Environmental Sciences and a cognate discipline; (2) write a thesis on a topic acceptable to and supervised by each academic unit; (3) complete such course work as shall be determined by the Chairperson of each academic unit.

EESC404 Earth and Environmental Sciences Honours Part 1 (Part-Time Students)

Annual Wollongong On Campus
Spring2013/Autumn2014 Wollongong On Campus
Credit Points: 24
Pre-requisites: Completion of requirements for a pass degree, together with at least 24 cps of 300-level EESC subjects at an appropriate standard (minimum WAM of 70%))
Co-requisite: None
Exclusions: Not to count for credit with EESC401 or EESC402
Subject Description: Final-year Honours students are required to write a thesis of approximately 20-25,000 words on an approved topic embodying the results of a piece of supervised research and to participate in a seminar program.

EESC405 Earth and Environmental Sciences Honours Part 2 (Part-Time Students)

Annual Wollongong On Campus
Spring2013/Autumn2014 Wollongong On Campus
Credit Points: 24
Pre-requisites: EESC404
Co-requisite: None
Exclusions: Not to count for credit with EESC401 or EESC402
Subject Description: Final-year Honours students are required to write a thesis of approximately 20-25,000 words on an approved topic embodying the results of a piece of supervised research and to participate in a seminar program.

ELL 110 Language in Social Life

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions: LING110
Subject Description: Are humans the only species that has language? Can computers 'understand' language? What does it mean to 'perform' a particular gender identity through language? Do you have a 'linguistic fingerprint' and if so are 'you' recognizable in your second language? In Ling 110 we discuss these and other broad questions, using examples from real social contexts. We reflect critically on what we think language is, where our understandings about language and society come from, and the strengths and weakness of different theories and methods in social linguistics. Students are apprenticed into being systematic observers of language in social life. They are given opportunities to complete small projects using data from their own language experience, or other related interest.

ELL 151 Effective Spoken Communication (NESB)

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: ELL 151 provides an introduction to spoken communication for students of any discipline who have completed their previous studies in a language other than English. Students will discuss, analyse and practise different types of spoken communication relevant to academic and professional success - such as making your point in tutorials and meetings, making the most of group discussions, giving seminar papers, and preparing and giving Powerpoint presentations. Topics will include English grammar for clear spoken communication, the rhetoric of speaking, voice projection, pronunciation, and using intonation to engage your audience. The focus is on spoken communication but because speaking, listening, writing and reading are interdependent, all four skills will be part of the course and its assessment.

ELL 152 Effective Written Communication (NESB)

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: ELL 152 provides an introduction to academic and professional communication for students of

any discipline who have completed their previous studies in a language other than English. The subject aims to enhance students' control of a range of skills that are essential for success in academic and professional life, but it also encourages students to take a critical and informed attitude to language use. A range of text types common in academic and work contexts are discussed, analysed and practised. The subject covers structures of the English language that enable clear and coherent writing, and introduces the concepts of style and register in academic writing. This subject focuses on written communication but readings and assessment assume the interdependence of all four skills: reading, writing, speaking and listening.

ELL 182 Effective Written Communication (ESB)

Autumn Batemans Bay On Campus
Autumn Bega On Campus
Autumn Shoalhaven On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions: ELL161
Subject Description: ELL 182 provides an introduction to academic and professional communication for students of any discipline who have completed their previous studies in English. The subject aims to enhance students' control of a range of skills that are essential for success in academic and professional life, but it also encourages students to take a critical and informed attitude to language use. A range of text types common in academic and professional work contexts are discussed, analysed and practised. The subject covers English grammar for writing clearly and coherently and the concepts of style and register in academic writing. The subject focuses on written communication but readings and assessment assume the inter-dependence of all four skills-reading, writing, speaking and listening.

ELL 210 Communication Across Cultures

Autumn Wollongong On Campus
Credit Points: 8
Pre-requisites: ELL 110
Co-requisite: ELL 110
Exclusions: LING210
Subject Description: ELL 210 addresses the issues involved in communication among people of different linguistic and 'cultural' backgrounds. 'Culture' is here used in a broad sense to encompass dimensions such as class, gender, sex, professions, institutions, and national boundaries. This interdisciplinary course will raise students' awareness of how culture, cognition, and communication are intermeshed in complex ways, touching on how sounds, symbols, and other semiotic resources (e.g. eye contact, gestures) are used for communication, how different languages use linguistic resources and communication strategies differently, and what can go wrong when people from different backgrounds interact in various settings. Students will gain a critical appreciation of the linguistic and non-linguistic issues surrounding intercultural communication, and learn some strategies to help maximise successful communication in intercultural situations.

ELL 220 Corpus approaches to learning, teaching and analysing language

Spring Wollongong On Campus
Credit Points: 8
Pre-requisites: ELL 110
Co-requisite: None
Exclusions:
Subject Description: Language has increasingly become available in electronic form, and in large quantities, in the form of Web pages, blogs, SMS messages and twitter, and also as transcripts of spoken events such as movies, sitcoms, and speeches. ELL 220 will introduce a modern approach to language study: using a computer to analyse and manipulate a large collection of language data (a corpus) in automatic or semi-automatic ways in order to uncover patterns and gain linguistic insights that are otherwise hard or impossible to obtain. Participants will learn how to design and compile their own text collections, and how to use various tools to exploit these data to answer a variety of contemporary questions regarding the relationship between language and society, ideology, and identity , and to assist in language learning and teaching.

ELL 271 Grammar & Discourse 1

Autumn Wollongong On Campus
Credit Points: 8
Pre-requisites: ELL 171 OR ELS 171
Co-requisite: None
Exclusions: Not to count with ELS261 or ELS362
Subject Description: This subject consolidates and extends understandings developed in ELL 171 An Introduction to Linguistics. In particular ELL271 examines: experiential meanings which construct causation in the clause; clause complex relations: interdependency & logical relations; cohesion and the various resources through which this is achieved.The deployment of these resources in the construction of texts belonging to both the academic and non-academic registers is explored in order to highlight the differences between texts realising the two broad registers. This subject is the compulsory 200 level subject leading to a major in English Language & Linguistics.

ELL 281 Sound and meaning in language: variety, society and identity

Not on offer in 2013
Credit Points: 8
Pre-requisites: 12 Credit points at 100 level
Co-requisite: None
Exclusions:
Subject Description: What is an accent, and what does it mean to sound like a 'native speaker' of a language? What processes are involved in listening and how are these linked to speaking? Can we capture systematically the way sounds relate to grammar, meaning, music, poetry, and other phenomena? ELL 281 will equip students to describe and analyse speech sounds in English and other languages, and explain their interaction with other levels of language. Students will learn about the importance of pronunciation and listening, variation in accents, and the links between speech, social structures, and identities. This knowledge can help students attend to the clarity and effectiveness of their own speech in a variety of contexts and gain flexibility in adapting to the speech of others.

ELL 310 World Englishes

Autumn Wollongong On Campus
Credit Points: 8
Pre-requisites: Any 36cp at 100 level and any 16cp at 200 level
Co-requisite: None
Exclusions: Not to count with ELS362
Subject Description: ELL310 examines the impact of globalisation on communication with a specific focus on the role and functions of English. It traces the development of English, the spread of English across the world as a native, second and foreign language and discusses its impact on languages, communities and different media, such as films and songs. It also examines the use of English in intercultural encounters. A further focus is on analysing and producing texts characteristic of global English in business, the media and education. This subject is core to the English Language and Linguistics major. It is also of specific relevance to students majoring in a language, or in communication studies with a focus on language. It is a useful adjunct to students with an interest in the interaction between language, culture and society.

ELL 315 Using Language as Evidence

Spring Wollongong On Campus
Credit Points: 8
Pre-requisites: ELL 220 or ELL 271
Co-requisite: None
Exclusions: ELL 314
Subject Description: ELL 315 explores ways in which language behaviour (what people say or write, and how they express it) gets used as 'evidence' in contexts that change people's lives and fortunes. In Part 1, we examine how 'linguistic fingerprints' are used in legal contexts to establish guilt or innocence, or to determine authorship in literary contexts. Further examples include language as 'evidence' in deciding what counts as educational progress, improved mental health, effective marketing or 'spin' in news reporting. In Part 2, students develop a research project of their own. They will frame a research question, collect and analyse relevant language data using methods developed in ELL 271and/or 220, discuss the results, and reflect on the process of interpreting language as evidence in their chosen context.

ELL 371 Grammar and Meaning 1

Spring Wollongong On Campus
Credit Points: 8
Pre-requisites: ELL 271 or ELS 271
Co-requisite: None
Exclusions: Not to count with ELS361
Subject Description: This subject consolidates and extends understandings developed in ELL 271. It addresses the systems of language through which interpersonal, ideational and textual meanings are construed in a range of texts belonging to the academic register as well as from other registers. This subject is a compulsory 300 level subject leading to a major in English Language & Linguistics.

ELL 470 Honours in English Language and Linguistics

Autumn Wollongong On Campus
Spring Wollongong On Campus
Credit Points: 12
Pre-requisites: Major in ELL with at least 80% average plus two Distinctions in 300 level subjects in ELL or ELS
Co-requisite: None
Exclusions:
Subject Description: ELL 470 is the discipline specific coursework component for students who are taking honours in ELL, or joint honours with an ELL component. In ELL 470 students will extend and deepen their understanding of theoretical approaches, analytical techniques, literature and other resources in English and Linguistics. This subject does not form part of the student's thesis research, however we may tailor the content to complement students' existing expertise and proposed research direction. Example content areas include: intonation, using major corpora, building a project-specific corpus, clinical linguistics, sociolinguistics, phonology, multimodal analysis, forensic linguistics, register theory, English for specific purposes, professional discourses, language typology.

ENG 015 English - Academic Writing

Not on offer in 2013
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: The subject teaches the skills involved in conducting necessary and relevant research, evaluating sources and information and structuring pieces of writing which are necessary elements for a successful academic life. This course takes learners away from the basics of language development and instructs the use of English writing skills at a more advanced level of English.

ENG 017 English for IT and Engineering

Not on offer in 2013
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: Tlis subject is designed to expand students' knowledge on complex terminology and structure in the context of IT and Engineering. It teaches students methods of structuring their writing tasks such as graph/chart findings and business reports in the relevant context. In addition, this course satisfies learners' needs in expanding their accurate use of specific texts and language functions which concurrently develops their ability to communicate efficiently within this specific academic context.

ENGA025 English for Business Studies

Not on offer in 2013
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: In this subject students are introduced to the concept and skills of critical literacy by working with a range of text types of different lengths and accompanying lesson worksheets. Critical thinking activities form the basis of this course in which the features of different text types are analysed. While the four macro skills are utilised in this subject, reading and writing will be the

focus. Attention is also given to promoting a more analytical approach and efficient approach to reading skills.

ENGB020 English for Business Studies

Not on offer in 2013
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: This subject is designed to expand students' knowledge on complex terminology and structure in the context of business studies. This includes methods of structuring their writing tasks such as graph/chart findings and business reports. In addition, this course satisfies learners' needs in expanding their accurate use of specific lexis and language functions which concurrently develops their ability to communicate efficiently within this specific academic context.

ENGG101 Foundations of Engineering

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: Students will participate in a series of lectures and workshops, designed to allow experiencing of engineering technology and science. Exercises replicating typical engineering problems will be undertaken. Emphasis will be on the use of engineering technologies to better understand and solve these problems. Topics include: stress/strain and materials mechanics; analysis of loadings on bodies (free-body diagrams and force equilibrium); conservation of energy and momentum; continuity of flow/ conservation of mass; fluid properties; theories of failure and materials properties.

ENGG152 Engineering Mechanics

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: Two dimensional statics of particles and rigid bodies. Forces in frames. Kinematics of particles in rectilinear and plane motion. Kinetics of particles: equations of motion; work and energy; impulse and momentum.

ENGG153 Engineering Materials

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: Introduction to engineering materials: definition and description of properties; influence of material properties on engineering design; description of material structures and relationships to properties; production processes for engineering materials; the materials cycle; materials selection. Case studies illustrating the use of metals, ceramics and polymers in engineering applications. Practical classes on measuring mechanical properties and observing mechanical behaviour.

ENGG154 Engineering Design and Innovation

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: (a) Engineering Drawing: Introduction and standards information; geometrical constructions; freehand sketching; the production of a mechanical drawing; orthographic projection; selection and layout of views; sectional views of orthographic projections; auxiliary views of orthographic projections; general arrangements and assembly drawings. (b) Computer-Aided Drafting: Introduction to computer aided drafting; use of entity draw and selected utility commands and services; dimensioning, display controls; coordinate systems; editing and inquiry commands; entity properties (layers) and use of blocks. (c) The phases of design; team building; design and manufacturing processes; design models; design economics; decision processes; creative design; case studies. The three sections of this subject will be presented as an integrated whole. This will be achieved through a number of creative design projects and case studies.

ENGG171 Scholars Research Project 1

Not on offer in 2013
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: The subject introduces students to specific areas of research in the field of Engineering. Topics will be negotiated based on the current activities of various research units linked to the Faculty of Engineering and the interests of the student. Students will join a particular project and undertake certain tasks under the supervision of a designated staff member. Students are required to undertake literature reviews, collect and analyse data and report on their findings to the research team. Hands on experience in an engineering laboratory is a feature.

ENGG202 Introduction to the F SAE Project - Design, Technology & Management

Annual Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: Students in this subject will gain a range of technical knowledge and skills required to contribute effectively to the F SAE project. Topics covered will include tyres, suspension, chassis, engine, brakes, electrical systems, manufacturing options, quality control, driving techniques and analysis, planning, management and teamwork. Definitions of terms within these areas as well as basic consideration of important concepts will be covered.

ENGG251 Mechanics of Solids

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: ENGG152 Engineering Mechanics
Co-requisite: None
Exclusions:
Subject Description: Stress on a section, concept of stress-strain relationship and Hooke's Law. Torsion of shafts and hollow sections. Problems in bending and stress of beams. Analysis of plane stress and plane strain, combined stresses. Introductory yield criteria for metals, and anelastic behaviour of non metals. Deflection of beams and frames. Statically indeterminate beams, and simple column buckling. Thermal stresses and energy methods. Experimental techniques. Prerequisite minimum preparation is Engineering Mechanics, Engineering Mathematics and Engineering Materials.

ENGG252 Engineering Fluid Mechanics

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: MATH142 or MATH188 or MATH162
Co-requisite: None
Exclusions:
Subject Description: This subject is designed to introduce elementary fluid mechanics concepts for civil, environmental, mechanical and mining engineers. The topics include fluid properties, hydrostatics, manometry, Bernoulli's, mass, energy and momentum equations and their applications, dimensional analysis, fluid flow in pipes, pipe friction losses and fluid flow measurements. The lecture components will be complemented with tutorials and laboratory classes. This subject intends to provide a working knowledge to solve simple fluid flow problems in the various branches of engineering. Students are assumed to have knowledge of 1st year engineering mathematics.

ENGG255 Professional Option 2

Annual Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: This subject is for students currently in approved full-time employment and enrolled in a part-time study program. This subject will normally be taken in Stages 3, 4 or 5 of the BE Program. Students must seek approval to enrol in this subject from the Director of Studies. Approval will be granted to students who can demonstrate that their employment provides appropriate experience and training as part of their degree program. Approval will not be granted for work that involves essentially trivial/routine tasks or that is not directly related to the discipline of engineering relevant to the student's program.

ENGG271 Scholars Research Project 2

Not on offer in 2013
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: The subject introduces students to specific areas of research in the field of Engineering. Topics will be negotiated based on the current activities of various research units linked to the Faculty of Engineering and the interests of the student. Students will join a particular project and undertake certain tasks under the supervision of a designated staff member. Students are required to undertake literature reviews, collect and analyse data and report on their findings to the research team. Experience in engineering design, experimentation and data analysis will be a feature.

ENGG291 Engineering Fundamentals

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: This subject is designed to provide students from disciplines such as Electrical, Telecommunications and Computer Engineering with an introduction to some other Engineering disciplines which have an important role in the design and application of electrical and computer technologies. Three main areas are covered. Heat Transfer- Conduction, convection and radiation heat transfer as applicable to the field of electrical engineering. Engineering Mechanics- Forces, moments and equilibrium states; stress in beams, cylinders and shafts; simple deflection analysis. Materials Engineering- Overview, of engineering materials; bonding and crystal structure in electrical and electronic materials; origin of electrical and electronic properties; structure and properties of electrical and electronic materials; selection of materials for application in electrical engineering.

ENGG291 Engineering Fundamentals

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: This subject is designed to provide students from disciplines such as Electrical, Telecommunications and Computer Engineering with an introduction to some other Engineering disciplines which have an important role in the design and application of electrical and computer technologies. Three main areas are covered. Heat Transfer- Conduction, convection and radiation heat transfer as applicable to the field of electrical engineering. Engineering Mechanics- Forces, moments and equilibrium states; stress in beams, cylinders and shafts; simple deflection analysis. Materials Engineering- Overview, of engineering materials; bonding and crystal structure in electrical and electronic materials; origin of electrical and electronic properties; structure and properties of electrical and electronic materials; selection of materials for application in electrical engineering.

ENGG355 Professional Option 3

Annual Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: This subject is for students currently in approved full-time employment and enrolled in a part-time study program. This subject will normally be taken in Stages 3, 4 or 5 of the BE Program. Students must seek approval to enrol in this subject from their Director of Studies. Approval will be granted to students who can demonstrate that their employment provides appropriate experience and training as part of their degree program. Approval will not be granted for work that involves essentially trivial/routine tasks or that is not directly related to the discipline of engineering relevant to the student's program.

ENGG361 Project and Business Management
Not on offer in 2013
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: Within the project management context, students will develop proficiency with analytical tool application to project scope, time, cost, risk and contractural issues. Additionally, the subject looks at ongoing management issues (product design, marketing, business structure and financial management) with a focus on the development and business management of a credible design product.

ENGG371 Scholars Research Project 3
Not on offer in 2013
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: The subject introduces students to specific areas of research in the field of Engineering. Topics will be negotiated based on the current activities of various research units linked to the Faculty of Engineering and the interests of the student. Students will join a particular project and undertake certain tasks under the supervision of a designated staff member. Students are required to undertake literature reviews, collect and analyse data and report on their findings to the research team. The research will include experience in an engineering laboratory and/or computer work.

ENGG378 Sustainable Energy Technologies
Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: ENGG252 - Engineering Fluid Mechanics or MECH440 or MECH340
Co-requisite: None
Exclusions:
Subject Description: This subjects covers a number of Sustainable Energy Technologies including the following: solar thermal systems; photovoltaics; wind energy; hydroelectricity generation; wave power systems; biomass; remote area power supplies; energy conservation/auditing.

ENGG433 Financial Management for Engineers
Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: Financial management principles, time value of money, discrete assets considerations, continuous assets considerations, identification of cost elements, cost prediction methods, regulatory economics, financial case development, engineered asset repair-replace decision making.

ENGG434 Introduction to Materials Welding and Joining
Spring Wollongong Flexible
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions: MATE434 Materials Welding and Joining
Subject Description: The subject introduces the student to the selection and cost effective application of joining technology. OH&S and quality issues and recent welding innovations are covered

ENGG439 Engineering Logistics and Operations Management
Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: Engineers are required to make strategically significant decisions that could substantially enhance an organisation's overall success or competitiveness. This subject aims at helping students appreciate the role of the operations function within organisations and its interaction with other functional areas, and understand the conceptual foundations the operations management knowledge is based on. It covers the management aspects of designing, developing and operating manufacturing and service delivery systems that can effectively and efficiently respond to customer requirements. The subject introduces a range of quantitative tools and techniques that support managerial decision-making involving trade-offs, priorities and choices, and explores the role of research and development and innovation in relation to customer value creation and delivery.

ENGG440 Strategic Management of Engineering
Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: This subject introduces Engineering students to the importance of understanding the overall direction and goals of an Engineering organisation. Topics such as organisational purposes, ethics, sustainability, engineering supply and value chains and innovation will be considered in the context of why these issues are an essential element of successful engineering enterprise. The subjects will firstly analyse strategic options for engineering organisations, then investigate means of strategic decision making and finally outline some means of implementing strategic change, motivating people to achieve engineering and organisational goals.

ENGG446 Energy Efficiency and Energy Auditing in the Built Environment
Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: Completed 96 credit points of BE
Co-requisite: None
Exclusions:
Subject Description: This subject will cover a range of topics involved in the maximisation of energy efficiency in the built environment including: legislative frameworks for energy efficiency and energy euditing in Australia; international and national energy rating schemes; life cycle energy analysis of buildings; energy audit methods; energy-saving measurement and verification (M&V) for lighting, HVAC, chiller and renewable energy systems; and impact of human factors on energy savings. Industrial case studies will be used to illustrate these concepts. Students will also use modelling and simulation tools to undertake building energy performance analysis.

ENGG447 Advanced Building Design for Energy Efficiency and Sustainability
Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: Completed 96 credit points of BE
Co-requisite: None
Exclusions:
Subject Description: This subject will cover a range of topics including: performance-based design and passive design principles; fundamental methodologies used in the analysis of energy efficiency in buildings; emerging technologies to improve energy efficiency; human factors that influence building sustainability performance; zero-emission technologies and possible transition pathways. Case studies will be used to illustrate these concepts. Students will also be asked to use modelling tools to undertake building performance analysis.

ENGG448 Energy Efficiency in Manufacturing and Process Industries
Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: Completed 96 credit points of BE
Co-requisite: None
Exclusions:
Subject Description: Students will: gain an understanding of energy efficiency enhancements methods and strategies widely used in manufacturing and process industries; learn how to carry out energy audits and energy-saving measurement and verification for industrial processes; learn how to evaluate energy efficiency improvements through modelling and simulations. Students will also cover energy efficiency improvements in a number of specific industries such as: iron & steel; mining; and food & drink, through well prepared case studies. Students will be asked to use simulation tools, such as TRNSYS, Matlab Simulink, etc., for modelling and analysis of industrial energy efficiency improvements.

ENGG452 Thesis A
Annual Wollongong On Campus
Credit Points: 12
Pre-requisites: Completion of 120cps, with a weighted average mark of 60 or above
Co-requisite: None
Exclusions:
Subject Description: All students must complete a 12 credit point thesis (ENGG452) normally over a period of two sessions - though Scholars Program students may elect to take ENGG453. Students are expected to spend at least 336 hours on the 12 credit point thesis. The thesis is a core element of the degree in each engineering course. The knowledge and skills acquired in the design, experimentation, analysis, management and communications aspects of the course are brought together in an individual project undertaken by the student under the guidance of an academic supervisor. Individual disciplines will advise further requirements at the start of the thesis.

ENGG453 Thesis B
Annual Wollongong On Campus
Spring2013/Autumn2014 Wollongong On Campus
Credit Points: 18
Pre-requisites: Completion of 120cps
Co-requisite: None
Exclusions:
Subject Description: As an alternative to ENGG452, subject ENGG453 (18 credit points) may be taken by students in the Engineering Scholars program, or by other high achieving students with the permission of the Sub Dean of Engineering. A student electing to take ENGG453 will undertake a longer period of work and complete a longer thesis. Students are expected to spend 504 hours on the 18 credit point thesis. The thesis is a core element of the degree in each engineering course. The knowledge and skills acquired in the design, experimentation, analysis, management and communications aspects of the course are brought together in an individual project undertaken by the student under the guidance of an academic supervisor. Individual disciplines will advise further requirements at the start of the thesis.

ENGG454 Professional Experience
Annual Wollongong On Campus
Autumn Wollongong On Campus
Spring Wollongong On Campus
Credit Points: 0
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: As a requirement for the award of the degree of Bachelor of Engineering, students are required to obtain at least 12 weeks approved professional experience in a relevant industry during the course and submit a report to the satisfaction of the Discipline Directors of Studies. It is preferable that candidates undertake this requirement during the summer recess, between the third and fourth years of the BE degree. Exemption from the requirement will be given to a student who has passed one or more of the Professional Option subjects. Refer to Discipline Directors' of Studies for details.

ENGG455 Professional Option 4
Annual Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: This subject is for students currently in approved full-time employment and enrolled in a part-time study program. This subject will normally be taken in Stages 3, 4 or 5 of the BE Program. Students must seek approval to enrol in this subject from their Director of Studies. Approval will be granted to students who can demonstrate that their employment provides appropriate experience and training as part of their degree program. Approval will not be granted for work that involves essentially trivial/routine tasks or that is not directly related to the discipline of engineering relevant to the students. program.

ENGG456 Engineering Project A

Autumn	Wollongong	On Campus
Spring	Wollongong	On Campus

Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions: Not to count with ENGG452 or ENGG453
Subject Description: This subject introduces students to a specific area of research in the field of Engineering and Engineering Education. Topics will be negotiated based on the current research activities of staff linked to the Faculty of Engineering and the interests of the student. Students will join a particular project and undertake literature reviews, collect and analyse data and report their findings, under the supervision of a designated staff member. The research will include experience in an engineering laboratory and/or computer work.

ENGG457 Engineering Project B

Spring	Wollongong	On Campus

Credit Points: 6
Pre-requisites: ENGG456 Engineering Project A with a mark of at least 75
Co-requisite: None
Exclusions: Not to count with ENGG452 or ENGG453
Subject Description: This subject is an extension of ENGG456 Engineering Project A, enabling students to extend the research and implementation of experiments and/or computer programs.

ENGG461 Management and Human Factors in Engineering

Autumn	Wollongong	On Campus

Credit Points: 6
Pre-requisites: ENGG361 or ECTE350
Co-requisite: None
Exclusions:
Subject Description: The particular topics addressed in this course, which every engineering student should know and be prepared to put into practice on entering his/her professional career, include: Project Management; Total Quality Management; Quantitative Management Techniques; Human Relations; Engineers' Ethics and Controversy; Engineers as Consultants/Experts; Accidents and Risk, Occupational Health and Safety; Maintenance Management; and Innovation Management.

ENGG477 Ocean Engineering

Not on offer in 2013
Credit Points: 6
Pre-requisites: ENGG252
Co-requisite: None
Exclusions:
Subject Description: Ocean Engineering is a branch of engineering that deals with the design, installation, operation and maintenance of equipment and techniques for the sustainable utilisation of ocean resources. These resources include offshore oil and gas and ocean renewable energy. This subject serves as an introduction to various commonly encounted offshore structures and the ocean environment. Mathematical modelling of the wave environment is covered as are techniques for determining the short and long term environmental loads on structures. The subject also examines the dynamics of both fixed and floating offshore sturctures.

ENGL120 An Introduction to Literature and Film

Autumn	Batemans Bay	On Campus
Autumn	Bega	On Campus
Autumn	Shoalhaven	On Campus

Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: This subject is an introduction to the 'reading' and criticism of texts. Students will be introduced to the principles, processes, and methodologies involved in the critical 'reading' of texts drawn from prose fiction, poetry, theatre, and film.

ENGL131 Film and Fiction

Spring	Batemans Bay	On Campus
Spring	Bega	On Campus
Spring	Shoalhaven	On Campus

Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: This subject will introduce students to a diverse body of contemporary cultural texts, ranging from literary fiction and non-fiction to film. The subject will provide students with key critical and analytical skills acquired through close textual readings and discussions in class. Students will be taught to consider the implications of the use by an author of a particular genre and to explore ways of responding to it confidently and persuasively. This introductory subject will provide a foundation for further studies within the discipline of English and will give all students with strong written and verbal communication skills.

ENGL229 The Romantics

Spring	Batemans Bay	On Campus
Spring	Bega	On Campus
Spring	Shoalhaven	On Campus

Credit Points: 8
Pre-requisites: 36cp including 6cp ENGL
Co-requisite: None
Exclusions:
Subject Description: This is a study of the revolution of imagination in the late 18th and early 19th centuries - a period of exciting, daunting upheaval in political, social, scientific and aesthetic theory. Students are introduced to the philosophy of Romanticism as represented primarily through literary texts with particular emphasis on the Romantic poets (Blake, Keats, Shelley, Coleridge, Wordsworth & Byron)

ENGL243 Children's and Young Adult Fantasy Literature

Not on offer in 2013
Credit Points: 8
Pre-requisites: (36cp including 6cp of 100 level ENGL) OR (36cp including EDUF111) OR (36cp including EDFE101) OR (36cp including EDUF212)
Co-requisite: None
Exclusions:
Subject Description: The subject involves the study of some classical and some not-so-classical texts in the children's/YA area of fantasy writing. It introduces key concepts relevant to the special social and material conditions of this readership, and touches of topics of gender, educational context and sub-genre. Introductory lectures present the historical background and evolution of children's/YA fantasy, starting from folk tales and fairy tales.

ENGL259 An Introduction to Canadian Literature

Not on offer in 2013
Credit Points: 8
Pre-requisites: 36cp including 6cp ENGL
Co-requisite: None
Exclusions:
Subject Description: The institutionalised study of Canadian literature has been occurring in Canada since the 1980s and has become an area of study internationally since at least the 1990s. This subject will focus primarily on Canadian texts published since 1980, but it will also include texts produced in Canada in the nineteenth and early twentieth centuries in order to demonstrate a development of Canadian literature. It also focuses on how globalisation intersects with the study of Canadian literature.

ENGL264 Modernism

Spring	Batemans Bay	On Campus
Spring	Bega	On Campus
Spring	Shoalhaven	On Campus

Credit Points: 8
Pre-requisites: 36cp including 6cp ENGL
Co-requisite: None
Exclusions: (ENGL253)
Subject Description: This subject focuses on the theory and cultural production of modernism in the early decades of the 20th century. Literary texts by Kafka, Camus, Gide, Lawrence, Eliot, Woolf, Yeats, Joyce and Zora Neale Hurston will be read in conjunction with texts from science, psychology, art, music, literary and cultural theory.

ENGL265 English and Empire

Spring	Wollongong	On Campus

Credit Points: 8
Pre-requisites: 36cp including 6cp ENGL
Co-requisite: None
Exclusions:
Subject Description: This subject considers supposedly 'universal' and 'neutral' English literary classics to show how the discipline of English literature arose out of imperialist expansion. It inspects colonial fiction to see how its discourse operates and it also surveys some rewriting of classics from Canada, Africa and the Caribbean exposing, parodying and subverting colonialist representations.

ENGL266 Victorians

Autumn	Wollongong	On Campus

Credit Points: 8
Pre-requisites: 36cp including 6cp ENGL
Co-requisite: None
Exclusions:
Subject Description: The period of Queen Victoria's reign was one of paradox, characterised by a literature that was both inventive and forward looking on the one hand, and nostalgic - concerned with the forms and ideas of the past - on the other. It is a period of great social endeavour and reform in which the leading figures of the day engaged in public debate on the relationship between science and religion, the condition of the working class, and 'the woman question'. This was the age of the great public poet - Tennyson & Elizabeth Barrett Browning; of political, social and cultural essayists like Thomas Carlyle & Matthew Arnold; and perhaps most characteristically, of the popular novelist, including the Bronte sisters, Dickens, George Eliot & Hardy.

ENGL267 US Literature

Autumn	Wollongong	On Campus

Credit Points: 8
Pre-requisites: 36cp including 6cp ENGL
Co-requisite: None
Exclusions:
Subject Description: Throughout its relatively brief history, the United States has consistently produced diverse, influential, and often innovative literature that reflects the dynamism of the country itself. In this subject we will investigate how authors from the ninetheenth century to today deploy different literary forms - including poetry, the novel, the short story - in order to explore and challenge understandings of what it means to be American. More specific topics of discussion may include the representation of race, class, gender, and sexuality; the relations of literature to technology; the representation of city, the country, and the suburb; the representation of region.

ENGL268 Dreams and Visions in Literature and Film

Autumn	Batemans Bay	On Campus
Autumn	Bega	On Campus
Autumn	Shoalhaven	On Campus

Credit Points: 8
Pre-requisites: 36cp including 6cp ENGL
Co-requisite: None
Exclusions:
Subject Description: This subject explores the role of dreaming in literature and film: how dreaming is represented in literary and cinematic texts, how it has inspired writing and film-making, and how texts have attempted to reproduce the chaotic structure and dense symbolism of dreams and nightmares. Taking a literary-historical approach, the subject ranges from medieval dream-visions, through Shakespeare's dream-stage and Romantic dream-verse, to consider the towering influence of Freud on surrealist literature, art, and film, ending with an examination of contemporary film, which may include the dreamy films of Michel Gondry and the cinematic nightmares of David Lynch.

ENGL270 Making Books: From Gutenberg to Google

Not on offer in 2013
Credit Points: 8
Pre-requisites: 36cp including 6cp ENGL OR 36cp including at least 6cp of ENGL131, BCM100, BCM112, MACS120, HIST110, HIST111
Co-requisite: None
Exclusions:
Subject Description: The subject introduces students to print culture from the early modern period to the present. Topics will include the rise of print (books, magazines); authorship and copyright; the role of libraries, educational institutions, bookships and on-line retailers; book making; and the development of audiences.

ENGL280 Popular LIterature: Writing for Children & Young Adults

Not on offer in 2013
Credit Points: 8
Pre-requisites: 36cp including 6cp ENGL
Co-requisite: None
Exclusions:
Subject Description: The subject focuses on writing for children and young adults, considered in its cultural and historical context. It is particularly concerned with

understanding this writing in terms of larger debates about popular culture, childhood and adolescence.

ENGL312 Shakespeare & Early Modern Drama

Autumn Wollongong On Campus
Spring Wollongong On Campus
Credit Points: 8
Pre-requisites: 16cp at 200 level including 8cp of ENGL
Co-requisite: None
Exclusions:
Subject Description: A study of selected plays of the Elizabethan-Jacobean period with special reference to the relationships between the plays, contemporary English society and its concerns, and to the conditions of performance. The subject has been designed to complement the study of Shakespeare and seventeenth-century literature provided in ENGL228.

ENGL337 Sex, Power, and Chivalry - Medieval to Modern Literature

Not on offer in 2013
Credit Points: 8
Pre-requisites: 16cp at 200 level including 8cp of ENGL
Co-requisite: None
Exclusions:
Subject Description: This subject begins by providing an introduction to some of the major chivalric texts of the later Middle Ages, including Malory's tales of King Arthur, Sir Gawain and the Green Knight, the love lyrics of the troubadours and the female trobairitz, and the lais of Marie de France. It then goes on examine Cervantes' and others' famous early satires on knightly masculinity, Victorian writers' nostalgic revisitation of Camelot, modern popular romance fiction and the hardbitten knights of Hollywood Westerns. It takes a literary-historical approach, exploring the fascinating and highly complex relationship between gender and social rank in chivalric texts, and traces these texts' changing preoccupation with the issues of power, heroism, sexuality, secrecy, fidelity and betrayal. No previous knowledge of medieval literature is assumed.

ENGL340 Special Topic in English Literature

Autumn Wollongong On Campus
Spring Wollongong On Campus
Credit Points: 8
Pre-requisites: 16cp at 200 level including 8cp of ENGL
Co-requisite: (12cp of 300 level ENGL)
Exclusions:
Subject Description: This is a directed study subject that operates primarily as a shell subject for Study Abroad students or other idiosyncratic circumstances. The circumstances of its use are at the discretion of the Head of School and it is not generally available for internal students. If operating in a mode other than 'shell' it is designed to allow a highly motivated student of proven academic achievement to undertake individual research under the guidance of an appropriate supervisor selected from the program.

ENGL360 Desiring Bodies: Gender & Sexuality in Literature & Film

Spring Wollongong On Campus
Credit Points: 8
Pre-requisites: 16cp at 200 level including 8cp of ENGL
Co-requisite: None
Exclusions:
Subject Description: Gender and sexuality inform literature and film at the levels of both form and content. The subject will explore this premise through theoretically grounded discussion of a diverse range of literary and cinematic texts. Specific topics may include: alien, vampiric, and cyborg bodies; gender dissidence in literature and film; transgendered narratives; queer desire in literature and film; narratives of sexual obsession; scandalous texts and censorship.

ENGL366 Black writing from Africa, the US and the Caribbean

Autumn Batemans Bay On Campus
Autumn Bega On Campus
Autumn Shoalhaven On Campus
Credit Points: 8
Pre-requisites: 16cp at 200 level including 8cp of ENGL
Co-requisite: None
Exclusions:
Subject Description: This subject provides a selective survey of some major works (fiction poetry, drama, film) from Africa, the Caribbean, and the USA. It studies the imagination of Africa and images of Blackness, concentrating on later 20th century English-language texts. It explores dynamics of slavery, colonisation and decolonisation, constructions of authenticity and identity in terms of race, nation, diaspora and gender, the idea of a 'Black aesthetic' and the politics and poetics of literary form.

ENGL376 Representing India/the Pacific

Spring Wollongong On Campus
Credit Points: 8
Pre-requisites: 16cp at 200 level including 8cp of ENGL
Co-requisite: None
Exclusions:
Subject Description: A one semester exposure to either Idian writing or Pacific Basin writing from a representative range of genres (film, stories, poetry, novel, plays, life-writing). The primary focus is on works in English by ethnically indigenous writers. Classes will look at themes and literary techniques common to the region as well as specific qualities related to the societies from which the works emerge, the place of English in relation to local languages, the emergence of postcolonial national cultures etc. There will be dicussion about the critical evaluation and institutional recognition of 'minor' and 'regional' literatures.

ENGL377 Social Justice and Children's Literature

Autumn Batemans Bay On Campus
Autumn Bega On Campus
Autumn Shoalhaven On Campus
Credit Points: 8
Pre-requisites: 16cp at 200 level including 8cp of ENGL
Co-requisite: None
Exclusions:
Subject Description: Literature for children is widely considered to serve a socialising function and therefore is understood as one of the means by which children learn how to be responsible and ethical individuals. While children's literature often supports dominant systems of beliefs, there is a body of texts that overtly challenge such dominant narratives. In this subject, we will analyse a number of contemporary texts for children that arguably position child readers to challenge the status quo and to act in socially-responsible ways. We will situate these texts in the context of larger cultural and political practices and discourses.

ENGL380 Postmodern American Fictions & Theory: Transatlantic Approach

Spring Wollongong On Campus
Credit Points: 8
Pre-requisites: 16cp at 200 level including 8cp of ENGL
Co-requisite: None
Exclusions:
Subject Description: This subject focuses on a key body of post-modern theory and fiction written during the period extending from the late 1940s to the present. While our focus will be on American fictions, we will pay close attention to the way that such writers built on notions and fictional innovations which have origins in Europe, even as they at times reconceived Europe as a cultural and historical space in their fictions. This subject engages with: conceptions of the self/subject, language and representation, narrative experimentation, gender, politics and history.

ENGL412 English IV Honours (PT)

Not on offer in 2013
Credit Points: 12
Pre-requisites: Major in English with at least 75% average plus two Distinctions at 300 level subjects in English.
Co-requisite: None
Exclusions:
Subject Description: The Honours course consists of three subjects and a dissertation of 15,000 words. Course work constitutes 50%, and thesis 50% of the final mark. A research topic as defined by the student is approved in consultation with the Convenor of Program and the Honours Co-ordinator. Coursework consists of 24 credit points made up of 1 x 12 credit point subject and 2 x 6 credit point subjects. These subjects will normally be taken in the Autumn session. The 12 credit point subject is the Faculty Honours subject Research in the Social Sciences and Humanities. A range of seminar subjects reflects staff research interests and ability. NOTE: This subject is intended only for students enrolling in Honours on a part-time basis. Full-time students should enrol in ENGL411.

ENGL470 English Honours

Autumn Wollongong On Campus
Spring Wollongong On Campus
Credit Points: 12
Pre-requisites: Major in English with at least 80% average plus two Distinctions at 300 level subjects in English.
Co-requisite: None
Exclusions:
Subject Description: The subject consists of two coursework seminars which reflect the specialist interests and expertise available in the program. These may include areas such as Modernism, Post-colonial writing, US literature, contemporary African writing, women's writing, life writing, literature and memory, and early modern literature. Students will be offered advanced study in these specialist areas, informed by current theoretical and methodological approaches. The seminars on offer may vary from year to year, depending on staffing, and may include areas of literary study not listed above.

ENGL472 Combined Honours in English

Not on offer in 2013
Credit Points: 12
Pre-requisites: Major in English with at least 80% average plus two Distinctions at 300 level subjects in English.
Co-requisite: None
Exclusions:
Subject Description: The subject consists of two coursework seminars which reflect the specialist interests and expertise available in the program. These may include areas such as Modernism, Post-colonial writing, US literature, contemporary African writing, women's writing, life writing, literature and memory, and early modern literature. Students will be offered advanced study in these specialist areas, informed by current theoretical and methodological approaches. The seminars on offer may vary from year to year, depending on staffing, and may include areas of literary study not listed above.

ENVE220 Water Quality and Ecological Engineering

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: ENGG252 Engineering Fluid Mechanics
Co-requisite: None
Exclusions:
Subject Description: The subject is designed to introduce environmental engineering concepts at a fundamental level that leads to sustainable development. Topics include integrated water cycle management, concepts of ecological engineering and impacts of climate change. The environmental problems and solutions relating to natural resources, ecological systems, water pollution, water quality processes in rivers and lakes, water supply and treatment processes, wastewater collection, treatment and re-use, water quality guidelines and other global environmental issues will be discussed. The lecture components will be complemented with tutorials, field trip and laboratory classes.

ENVE221 Air and Noise Pollution Control Engineering

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: ENGG252 Engineering Fluid Mechanics
Exclusions:
Subject Description: Air pollution incorporating engineering design - meteorology; atmospheric chemistry; air quality; sources of air pollution; effects of air pollution; dispersion modelling; control of air pollution. Noise pollution - noise pollution legislation; sound power and intensity levels; noise from several sources; background noise effects; defining and measuring noise; weighting factors and equivalent noise levels; effect of noise on people; propagation of sound; noise control at source, during propagation and at receiver; design of noise barriers.

ENVE311 Pollution Control and Cleaner Production

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: This subject addresses the issues of pollution prevention and sustainable industrial

waste management. The subject focuses on preventative approaches to eliminate or minimize the generation of harmful industrial waste by introducing a range of pollution prevention concepts and management practices including Environmental Management System (EMS), ISO 14001 certificate, Environmental auditing, Life Cycle Assessment (LCA), and user paid waste management system. Topics relevant to source identification, characterisation, segregation, treatment and disposal of industrial waste will also be systematically covered.

ENVE320 Environmental Engineering Design for Sustainability

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: ENVE220 Water Quality and Ecological Engineering
Co-requisite: None
Exclusions:
Subject Description: The subject is designed to introduce system design using unit processes encountered in environmental engineering. The subject will cover design concepts, water sensitive urban design elements (bioretention, filters, buffer systems, constructed wetlands, ponds, life cycle costing). Detailed and advanced design of water supply and treatment systems, advanced solid -liquid separation processes, design of wastewater collection systems, design of advanced wastewater treatment plant design, ocean outfall systems, design of land based systems, network design. The lecture components will be complemented with design classes and field trips.

ENVE377 Membrane Science and Technology

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: ENVE220 Water Quality and Ecological Engineering
Co-requisite: None
Exclusions:
Subject Description: The subject intends to demonstrate to students how nature works (biological membranes) and how such principles (membrane processes) can be used for medical, water and wastewater, processing and other industries by engineering appropriate materials and systems, including facilitated transport membrane. The subject leads from nature to material science and engineering, fundamental transport principles to applications and process design with immediate relevance to the water and wastewater treatment industry where membrances are becoming a predominant process choice worldwide. The subject aims to bring science and engineering together on a number of levels such as in terms of learning from nature, applying engineering solutions to medical applications and using scientific principles to obtain engineering solutions. Computer based design module is included. Both engineering and science students will be exposed to the thinking in the other discipline.

ENVE385 Environmental Engineering

Autumn Wollongong On Campus
Credit Points: 8
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: (a) Causes and control of air pollution, water pollution and noise pollution. (b) Experiments on water characteristics determination, waste water characteristics determination, oxygen capacity of water, noise pollution and air pollution.

ENVE410 Site Remediation Engineering

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: This subject introduces fundamentals of site remediation and will include topics such as site characterisation, containment, soil erosion and remediation technologies. Remediation technologies such as bioremediation and phytoremediation, biodegradation, permeable barriers and soil vapour extraction will be presented in detail. Containment topics will include cover systems, reactive barriers, vertical barriers and geosynthetics. Topics such as remediation of soft and compressible ground, and acid sulphate soils will also be presented.

ENVE420 Water Resources Engineering

Not on offer in 2013
Credit Points: 6
Pre-requisites: None
Co-requisite: CIVL322 Hydraulics and Hydrology
Exclusions:
Subject Description: Coastal Engineering - wave forecasting; wave refraction; diffraction and breaking; wave forces on structures; beach erosion and beach protection. Water Resources - the hydrologic cycle; distribution of the world's water resources; surface water resources; groundwater resources; computer models of catchment water balances; storage reservoir yield analysis. River Engineering - fluvial hydraulics; morphology of natural channels; erosion and sediment transport; re-naturalising streams; remediation of polluted rivers. River basin management - flood reduction using detention basins; computer modelling of urban stormwater systems.

ENVE421 Integrated Environmental Engineering Design

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: ENVE320 and CIVL322
Co-requisite: None
Exclusions:
Subject Description: The ability to undertake a comprehensive integrated project design is the capstone of a student's engineering education. This subject will provide students with the opportunity to undertake the design of a major project. Students will be provided with an overall concept plus specific requirements that must be met by the design. All aspects of environmental engineering will be involved, including river basin management, stormwater development, interactions of seawater, surface water and groundwater, separation of clean water from seawater and wastewater and long-term effects of infrastructure on the ecosystem. Impact assessment, legislation, and modelling. Topic areas that have not been presented in previous subjects, but are required for the successful completion of the project, will be covered during the lecture portion of the class. Lecture topics will include environmental impact assessment and legislation, and environmental modelling.

ENVI030 Environmental Science

Not on offer in 2013
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: Environmental Science

ENVI391 Environmental Science

Spring Wollongong On Campus
Credit Points: 8
Pre-requisites: Enrolment in BSc (Environment) and completion of BIOL251, CHEM214 and EESC203
Co-requisite: None
Exclusions: Not to count for credit with ENVI491
Subject Description: This subject builds on the interdisciplinary knowledge gained through the first and second year BSc (Environment) program. The focus is on interactions between biological, chemical, geological and geographical factors and processes in major ecosystems including coral reefs, coasts, estuaries, rivers, lakes, alpine, forests, and grasslands. Existing and potential impacts that influence environmental management will also be investigated such as water and waste management, climate change, population growth, and social and political factors.

ENVI403 Research Report

Annual Wollongong On Campus
Spring2013/Autumn2014 Wollongong On Campus
Credit Points: 24
Pre-requisites: Enrolled in final year of BEnvSc or BEnvScAdv
Co-requisite: None
Exclusions:
Subject Description: A research project for an organisation involved with solving environmental problems will be allocated to candidates in consultation with the Environmental Science Coordinator.

ENVI491 Environmental Science and Systems

Spring Wollongong On Campus
Credit Points: 8
Pre-requisites: Enrolment in BEnvSc or BEnvScAdv and completion of BIOL251, CHEM214, EESC203 and EESC202)
Co-requisite: None
Exclusions: Not to count for credit with ENVI391
Subject Description: This subject builds on the interdisciplinary knowledge gained through the first and second year BEnvSc program. Focus is on interactions between biological, chemical, geological and geographical factors and processes in major ecosystems including coral reefs, coasts, estuaries, rivers, lakes, alpine, forests, and grasslands. Existing and potential impacts that influence environmental management will also be investigated such as water and waste management, climate change, population growth, and social and political factors.

ERLS160 Power, Work and People

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions: ERLS100 & POL 160
Subject Description: The study of work and employment abounds with explorations of power and ideology. This subject explores all aspects of work and employment relations drawing on a range of basic political stances (positivism, critical realism, institutionalism/ pluralism) and interpretation of power and power resources available to employees and employers, and their associations. The subject also investigate the role of governments and the State in determining power relations, pay and working conditions at the workplace, as well as considering the impact of markets, culture and the economy on work and employment relations.

ERLS300 Special Topics in Employment Relations

Autumn Wollongong On Campus
Spring Wollongong On Campus
Credit Points: 8
Pre-requisites: 36cp of ERLS subject
Co-requisite: None
Exclusions:
Subject Description: This subject will be available to students either undertaking an approved ERLS internship of at least 50 hours (with report and reflective journal) or undertaking appropriate approved advanced study at a recognised institution or supervised directed advance upper undergraduate research project at UoW.

ERLS340 Work and Employment - Global and Historical comparisons

Spring Wollongong On Campus
Credit Points: 8
Pre-requisites: 24 credit points at 200 level
Co-requisite: None
Exclusions:
Subject Description: This subject combines approaches to research methods, especially the comparative method, with explorations of a variety of employment relations processes and contexts from the perspectives of employers and employees, and other stakeholders such as governments, sharemarkets and international organisations. In particular, students will undertake guided comparative analysis of employment relations in a variety of historical, industrial, cultural and economic contexts as well as investigating issues such as the impact of religions or the effects of remoteness. The importance of context and apt method in order to undertake rigorous analysis will be emphasised.

ERLS343 Research Project: Work and People

Autumn Wollongong On Campus
Credit Points: 8
Pre-requisites: 24 credit points at 200 level
Co-requisite: None
Exclusions: ECON342 or MGMT342
Subject Description: This subject explores and evaluates approaches to qualitative research in social science research as it relates to work and employment, including the epistemological foundations of employment relations / labour studies research and critical thinking / reading, as well as research design and planning. The use and evaluation of primary and secondary documents, as well as legal, informal and organisation documents such as annual reports are studied, as are techniques of ethnography (including participant observation), case studies, interviewing, and surveys. Ethical issues in are also investigated. The focus of much of the assessment for this subject is a research project in an area germane to employment and work studies culminating in a research report of about 6,000 words.

ERLS348 Business, Employers and Industrial Relations

Spring Wollongong On Campus
Credit Points: 8
Pre-requisites: At least 24 cp at 200 level
Co-requisite: None
Exclusions: ECON348, MGMT348
Subject Description: The objective of this subject is to develop an understanding of the pressures and constraints on employers/shareholders, boards of directors, and managers at all levels, and the way these influence strategies in the control and administration of the employment relationship in different cultural and historical frameworks. This requires a critical analysis of theories, assumptions and analytical frameworks, as well as practical exercises and evaluation of historical and current trends. The influence of the State and product, labour and financial markets on the approaches of employers/shareholders, boards of directors, and managers at all levels, will be examined and analysed.

ERLS352 Negotiation and Conflict Management for Professionals

Not on offer in 2013
Credit Points: 8
Pre-requisites: 24 cp at 200-level
Co-requisite: None
Exclusions:
Subject Description: This subject introduces students to concepts and techniques for developing and evaluating strategies and tactics for communicating and negotiating at the workplace. Students will be assisted to develop a range of practical skills and familiarity with procedures through case studies and role playing, as well as a conceptual framework in which to analyse the role of different strategies, tactics and assumptions. The effect of a variety of cultural and social contexts will be explored. Role playing takes 40% or more of the face-to-face hours. The major written assignment will be a tender document due some time after the intensive teaching period.

ETHS015 Foundations in Ethics and Academic Integrity

Not on offer in 2013
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: This subject is primarily designed to instill in students basic understanding of ethics in Business and Information Technology. The subject has been developed to give clear and accurate presentation of some basic theories in normative and metaethics-utilitarianism (act and rule), egoism, the categorical imperative, social contract theory, formalism, relativism (belief and conceptual) It integrates discussions of related concepts including justice, autonomy, punishment, plagiarism, e-cheating and universal law.

EURO220 The European Union: Post-war integration, 1945 to the Present

Not on offer in 2013
Credit Points: 8
Pre-requisites: 36cp at 100 level including 6cp HIST or 36cp at 100 level including 6cp POL or 36cp 100 level including 6cp AUST or 36cp at 100 level including FREN110 or 36 at 100 level including ITAL110 or 36cp 100 level including 6cp INTS
Co-requisite: None
Exclusions: HIST210, POL 210
Subject Description: This subject identifies and examines the political, economic and social processes driving European integration from the end of World War Two to the present. It explores the thinking behind and the development of the European Economic Community (EEC), its subsequent transformation into the European Union (EU), the influence of the US, the pivotal role of France and Germany in European integration, the relationship between nation states and supranational institutions, and the implications for Europe of the Cold War and collapse of the Soviet bloc.

EURO470 European Studies Honours

Autumn Wollongong On Campus
Spring Wollongong On Campus
Credit Points: 12
Pre-requisites: Major in European Studies with at least 80% average plus two Distinctions at 300 level in European Studies Major.
Co-requisite: None
Exclusions:
Subject Description: The subject consists of a coursework seminar which reflects the specialist interests and expertise available in the program. This may include studies in, for instance, European literature, history, politics, culture, or visual arts. Students will be offered advanced study in these specialist areas, informed by current theoretical and methodological approaches. The seminars on offer may vary from year to year, depending on staffing, and may include areas of study not listed above.

EXAR006 Exchange Subject

Summer 2013/2014 Wollongong On Campus
Credit Points: 6
Pre-requisites: 6 cp
Co-requisite: None
Exclusions:
Subject Description:

EXAR008 Exchange Subject

Summer 2013/2014 Wollongong On Campus
Credit Points: 8
Pre-requisites: 8 cp
Co-requisite: None
Exclusions:
Subject Description:

EXAR024 Exchange Subject

Autumn Wollongong On Campus
Spring Wollongong On Campus
Credit Points: 24
Pre-requisites: 24 cp
Co-requisite: None
Exclusions:
Subject Description:

EXCH002 Exchange Subject

Autumn Wollongong Distance
Credit Points: 2
Pre-requisites: 24 cp
Co-requisite: None
Exclusions:
Subject Description:

EXCH006 Exchange Subject

Summer 2013/2014 Wollongong On Campus
Credit Points: 6
Pre-requisites: 24 cp
Co-requisite: None
Exclusions:
Subject Description:

EXCH012 Exchange Subject

Intake A DO NOT USE Wollongong On Campus
Intake B DO NOT USE Wollongong On Campus
Intake C DO NOT USE Wollongong On Campus
Credit Points: 12
Pre-requisites: 24 cp
Co-requisite: None
Exclusions:
Subject Description:

EXCH018 Exchange Subject

Not on offer in 2013
Credit Points: 18
Pre-requisites: 24 cp
Co-requisite: None
Exclusions:
Subject Description:

EXCH022 Exchange Subject

Not on offer in 2013
Credit Points: 22
Pre-requisites: 24 cp
Co-requisite: None
Exclusions:
Subject Description:

EXCH024 Exchange Subject

Intake A DO NOT USE Wollongong On Campus
Autumn Wollongong On Campus
Intake B DO NOT USE Wollongong On Campus
Credit Points: 24
Pre-requisites: 24 cp
Co-requisite: None
Exclusions:
Subject Description:

EXCH026 Exchange Subject

Autumn Wollongong On Campus
Spring Wollongong On Campus
Credit Points: 26
Pre-requisites: 24 cp
Co-requisite: None
Exclusions:
Subject Description:

EXCH032 Exchange Subject

Autumn Wollongong On Campus
Spring Wollongong On Campus
Credit Points: 32
Pre-requisites: 32 cp
Co-requisite: None
Exclusions:
Subject Description:

EXCH100 Exchange Short Course

Not on offer in 2013
Credit Points: 0
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description:

EXCO006 Exchange Subject

Summer 2013/2014 Wollongong On Campus
Credit Points: 6
Pre-requisites: 6 cp
Co-requisite: None
Exclusions:
Subject Description:

EXCO008 Exchange Subject

Summer 2013/2014 Wollongong On Campus
Credit Points: 8
Pre-requisites: 8 cp
Co-requisite: None
Exclusions:
Subject Description:

EXCO024 Exchange Subject

Autumn Wollongong On Campus
Spring Wollongong On Campus
Credit Points: 24
Pre-requisites: 24 cp
Co-requisite: None
Exclusions:
Subject Description:

EXCR006 Exchange Subject

Autumn Wollongong On Campus
Winter Wollongong On Campus
Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: 6 cp
Co-requisite: None
Exclusions:
Subject Description:

EXCR008 Exchange Subject

Autumn Wollongong On Campus
Winter Wollongong On Campus
Spring Wollongong On Campus
Credit Points: 8
Pre-requisites: 8 cp
Co-requisite: None
Exclusions:
Subject Description:

EXCR024 Exchange Subject

Autumn Wollongong On Campus
Spring Wollongong On Campus
Credit Points: 24
Pre-requisites: 24 cp
Co-requisite: None
Exclusions:
Subject Description:

EXED006 Exchange Subject
Autumn Wollongong On Campus
Winter Wollongong On Campus
Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: 6 cp
Co-requisite: None
Exclusions:
Subject Description:

EXED008 Exchange Subject
Autumn Wollongong On Campus
Winter Wollongong On Campus
Spring Wollongong On Campus
Credit Points: 8
Pre-requisites: 8 cp
Co-requisite: None
Exclusions:
Subject Description:

EXED024 Exchange Subject
Autumn Wollongong On Campus
Spring Wollongong On Campus
Credit Points: 24
Pre-requisites: 24 cp
Co-requisite: None
Exclusions:
Subject Description:

EXEN006 Exchange Subject
Autumn Wollongong On Campus
Winter Wollongong On Campus
Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: 6 cp
Co-requisite: None
Exclusions:
Subject Description:

EXEN008 Exchange Subject
Autumn Wollongong On Campus
Winter Wollongong On Campus
Spring Wollongong On Campus
Credit Points: 8
Pre-requisites: 8 cp
Co-requisite: None
Exclusions:
Subject Description:

EXEN024 Exchange Subject
Autumn Wollongong On Campus
Spring Wollongong On Campus
Credit Points: 24
Pre-requisites: 24 cp
Co-requisite: None
Exclusions:
Subject Description:

EXHB006 Exchange Subject
Autumn Wollongong On Campus
Winter Wollongong On Campus
Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: 6 cp
Co-requisite: None
Exclusions:
Subject Description:

EXHB008 Exchange Subject
Autumn Wollongong On Campus
Winter Wollongong On Campus
Spring Wollongong On Campus
Credit Points: 8
Pre-requisites: 8 cp
Co-requisite: None
Exclusions:
Subject Description:

EXHB024 Exchange Subject
Autumn Wollongong On Campus
Spring Wollongong On Campus
Credit Points: 24
Pre-requisites: 24 cp
Co-requisite: None
Exclusions:
Subject Description:

EXIN006 Exchange Subject
Autumn Wollongong On Campus
Winter Wollongong On Campus
Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: 6 cp
Co-requisite: None
Exclusions:
Subject Description:

EXIN008 Exchange Subject
Autumn Wollongong On Campus
Winter Wollongong On Campus
Spring Wollongong On Campus
Credit Points: 8
Pre-requisites: 8 cp
Co-requisite: None
Exclusions:
Subject Description:

EXIN024 Exchange Subject
Autumn Wollongong On Campus
Spring Wollongong On Campus
Credit Points: 24
Pre-requisites: 24 cp
Co-requisite: None
Exclusions:
Subject Description:

EXLA006 Exchange Subject
Autumn Wollongong On Campus
Winter Wollongong On Campus
Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: 6 cp
Co-requisite: None
Exclusions:
Subject Description:

EXLA008 Exchange Subject
Autumn Wollongong On Campus
Winter Wollongong On Campus
Spring Wollongong On Campus
Credit Points: 8
Pre-requisites: 8 cp
Co-requisite: None
Exclusions:
Subject Description:

EXLA024 Exchange Subject
Autumn Wollongong On Campus
Spring Wollongong On Campus
Credit Points: 24
Pre-requisites: 24 cp
Co-requisite: None
Exclusions:
Subject Description:

EXSC006 Exchange Subject
Autumn Wollongong On Campus
Winter Wollongong On Campus
Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: 6 cp
Co-requisite: None
Exclusions:
Subject Description:

EXSC008 Exchange Subject
Autumn Wollongong On Campus
Winter Wollongong On Campus
Spring Wollongong On Campus
Credit Points: 8
Pre-requisites: 8 cp
Co-requisite: None
Exclusions:
Subject Description:

EXSC024 Exchange Subject
Autumn Wollongong On Campus
Spring Wollongong On Campus
Credit Points: 24
Pre-requisites: 24 cp
Co-requisite: None
Exclusions:
Subject Description:

EXSC320 Exercise Prescription
Annual Wollongong On Campus
Autumn Wollongong On Campus
Credit Points: 16
Pre-requisites: BMS203 and BMS242 and BMS211 and BMS 341 OR SHS 220 and SHS 221 and SHS 222 and 223
Co-requisite: None
Exclusions:
Subject Description: This subject applies knowledge from the foundation areas of anatomy, physiology, biomechanics, psychology, and exercise science practice. It requires students to design and implement safe and beneficial exercise programs in the areas of aerobic endurance and resistance training that encourage healthy populations within the community, sports clubs or workplace to participate. Students are required to undertake a supervised placement in at least one area of the exercise science field. It is expected that by the end of this subject, the students will have completed a minimum of 70 hours of placement in a healthy/community based field of exercise science.

EXSC420 Clinical Exercise Physiology
Autumn Wollongong On Campus
Credit Points: 24
Pre-requisites: EXSC320 & SHS 220 & SHS 221 & SHS 313 & SHS 320
Co-requisite: None
Exclusions:
Subject Description: This subject will provide students with the conceptual knowledge, professional competencies and skills to independently and effectively manage exercise rehabilitation clientele. Students will develop a strong understanding of musculoskeletal injury, cardiorespiratory disease, neurological and neuromuscular impairment and other chronic and complex conditions. Furthermore, students will be expected to integrate pathology-specific knowledge to develop appropriate exercise interventions within a clinically relevant time-frame. The development of competencies and knowledge in dealing with multi-pathology cases is essential for the practicing Exercise Physiologist. Thus, this subject will enable students to develop a strong ethical and professional standard to ensure best practice in a clinical setting.

EXSC421 Clinical Practicum
Spring Wollongong On Campus
Credit Points: 16
Pre-requisites: EXSC320 and EXSC420 OR BEXS351 and BEXS352 and EXSC420 plus 140hrs 'apparently healthy' placement completed
Co-requisite: None
Exclusions:
Subject Description: This subject provides students with a structured clinical placement program designed to meet the requirements for Exercise Physiology accreditation with Exercise & Sports Science Australia (ESSA). Clinical placement aims to expose students to the reality of professional practice, including the application of knowledge, skills and competencies, as well as developing an understanding of confidentiality, emergency protocols, health policies, ethical and legal boundaries. Students will be assessed on their professional practice by both their placement supervisor and subject coordinator, and will undertake assessment within the subject to further develop their professional skills in written communication, critical research and evaluation, and programming procedures. Students will be allocated to their placement based on suitability criteria. Compliance with the required placement documentation and processes is necessary to undertake placement and to satisfactorily pass the subject.

EXSC422 Advanced Workplace Injury Management for Exercise Physiologists
Spring Wollongong On Campus
Credit Points: 8
Pre-requisites: EXSC420 (24CP)
Co-requisite: None
Exclusions:
Subject Description: This subject will provide students with an overview of workplace injury management and return to work strategies. Principles of workplace rehabilitation and legislative requirements specific to NSW will be covered. Students should gain practical skills and experience in workplace injury management - maintaining an injured worker in the workplace through appropriate workplace assessment, matching worker capabilities with work tasks, reducing the risk of re-injury, and promoting the return to full duties.

EYCA102 Creative Arts Education in Early Childhood Settings

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: This subject explores unique knowledge and concepts of how young children grow and develop in creative ways. Through the creative forms of music, visual arts and movement the philosophical underpinnings of early childhood will be examined. This subject provides opportunities for students to explore the nexus between theory and research through the examination of contemporary theorists in the development of creativity in young children. Students will have the opportunity for involvement in practical related experiences in the arts in studio settings.

EYCB201 Guiding Children's Behaviour

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: EDFE101 and EYPD102
Co-requisite: None
Exclusions:
Subject Description: This subject will draw on a number of theories of behaviour management examining their strengths and weaknesses. Indigenous and multicultural perspective on guiding children's behaviour will be addressed. The subject will identify the relationship between Early Childhood regulations, QI & AS, policy development and appropriate practice. It will use a variety of sources to build a bank of useful and practical behaviour management strategies to use in a range of Early Childhood settings and for children with additional needs. The emphasis is on improving teacher skills to prevent behaviour problems and learn ways to respond to inappropriate behaviours when they occur. Reasons for challenging behaviour will be explored.

EYCR400 Contemporary Research and Issues in Early Childhood

Annual Wollongong On Campus
Credit Points: 12
Pre-requisites: None
Co-requisite: None
Exclusions: EDUT495 and ECCR401
Subject Description: This subject will deal with advanced theory in early childhood education and currently emerging issues in early childhood research.

EYDC201 Child Development and Care

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: EDFE101, EYPP101 and EYPD102
Co-requisite: None
Exclusions:
Subject Description: This subject will provide a theoretical background and practical strategies for creating optimal environments for young children's learning and development. Students will be studying current research in early childhood education and its practical implications for the development of young children in their care. The overarching role of play as a leading activity in young children's learning and development will be emphasised. The topics treated will include the major theories of child development (Piaget, Vygotsky, Bruner, Erikson, Bronfenbrenner etc.); young children's cognitive, social, emotional and personal development; attachment; developmental stages and quality of care; adult-child interaction; socio-cultural influences on child development; communication with families; temperament and modern studies of brain development.

EYDC301 Birth to 3 Years: Physical Care and Development

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: EDFE101, EYPP101, EYPD102 and EYDC201
Co-requisite: None
Exclusions: EDUE342
Subject Description: This subject will critically examine the physical development of the baby and toddler and how this relates to the achievement of both gross and fine motor skills. Common physical problems that can influence this process will be explored. The subject includes the learning of practical skills to positively influence the baby/toddler's physical motor outcomes in the early childhood centre environment. Constructive play, appropriate day-to-day handling and working with parents and specialist staff will be included.

EYEK402 Engaging Koori Kids and their Families

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: EDAE302 and either EDPD401 or EYMP401 OR 12cp of 100 level INDS subjects
Co-requisite: None
Exclusions:
Subject Description: This subject provides students with opportunities to enhance and engage in their learnt abilities by actively developing and applying meaningful approaches for Aboriginal children in Early Childhood Centre's. The subject immerses itself within the DOC's, DEEWR and Aboriginal peoples/communities protocols and procedures that will assist students to provide a culturally safe and engaging learning environment for Aboriginal children. This supportive subject will provide opportunities for students to engage in practical experiences for example, Aboriginal community consultation; identification and practical implementation of effective and culturally appropriate child care practices and resources; planning, designing, writing and implementing effective Aboriginal perspectives and policy; exploring appropriate transition programs that address the diverse nature of Aboriginal communities, cultures, histories and social contexts. Overall the subject will provide students with a sound grounding in Aboriginal issues to assist them in their learning journey and their ability to successfully work with and care for Aboriginal children and their families.

EYEM202 Music and Movement in Early Childhood

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: EDFE101, EYPP101, EYPD102 and EYPD201
Co-requisite: None
Exclusions:
Subject Description: The main objective of the music and movement elective is to help students understand the importance of music and movement in the lives of children. The focus of this subject will be on the development of practical skills and strategies to assist students in their teaching of a range of music and movement concepts and skills to children. Historical and contemporary theories of music and the impact of music and movement on children's learning and development will be explored. Indigenous and multicultural elements of music and movement will be explored, while also addressing how music and movement can assist in inclusion in educational settings. Students will gain an understanding of the importance of music and movement within early childhood as well as the value of incorporating music in structured, unstructured, informal and spontaneous experiences. Students will learn to play basic tunes on a recorder.

EYEN202 Mathematics in Early Childhood

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions: ECME101
Subject Description: Pre-service teachers undertaking this subject will build on their knowledge, skills and understandings of early concept development in Mathematics by: Exploring how young learners acquire mathematical knowledge and develop conceptual understandings; Examination and practical application of the cycle of teaching and learning to provide rich, appropriate learning experiences for the prior to school learner; Developing an understanding of and appreciation for the diversity of learners and learning styles; Interaction with subject specific knowledge to enhance their understanding of the content and processes involved in providing worthwhile mathematical experiences in the prior to school setting.

EYEP201 Effective Partnerships for Early Childhood Professionals

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: EDFE101 and EYFE102
Co-requisite: None
Exclusions:
Subject Description: This subject focuses on the important role of adult relationships in the delivery of quality Early Childhood programs. It includes recent research into the importance of the physical and mental health and emotional wellbeing of staff for positive interactions with children, families and communities. It responds to the demand from the field for training in interpersonal skills for increasingly complex working environments

EYEP301 Effective Partnerships for Early Childhood Professionals

Not on offer in 2013
Credit Points: 6
Pre-requisites: EDFE101 and EYFE102
Co-requisite: None
Exclusions:
Subject Description: This subject focuses on the important role of adult relationships in the delivery of quality Early Childhood programs. It includes recent research into the importance of the physical and mental health and emotional wellbeing of staff for positive interactions with children, families and communities. It responds to the demand from the field for training in interpersonal skills for increasingly complex working environments

EYER402 Researching Children

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: EDFE101, EYFE102, EDFE301 and EDER301
Co-requisite: None
Exclusions:
Subject Description: Building on a philosophical framework based on the new sociology of childhood, researching children will provide a comprehensive and practical introduction to undertaking a research project where children are the key participants. This subject will begin by introducing students to the main theories and theoretical approaches to doing research with children. The second part will support students to review past research and then consider a variety of possibilities on how to design and conduct research with children particularly in community settings. Then in conclusion the students will consider specific contemporary issues that working with children may present and ways to overcome them. This final section will look closely at the ethics of doing research with children and the advantages and disadvantages of what being involved means for children, particularly for children who are positioned as vulnerable or in socially or culturally disadvantaged contexts.

EYFE102 Childhood Sociology:Children in the family, community and society

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: EDFE101
Co-requisite: None
Exclusions:
Subject Description: This subject will provide students with the opportunity to explore a range of sociological approaches to understanding historical and contemporary conceptions of childhood. Through case studies and stories of children in local and global contexts the tensions between views of childhood as a period of dependency and powerlessness with those that recognise the diversity of children's lives as social agents will be examined. Within Childhood Sociology students will also explore how social issues around the child's role within the family and community are presented in the media and conduct a small scale research project on these.

EYFE301 Early Intervention-A Broad Approach

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: EDFE101, EYPP101, EYPD102 and EYDC201
Co-requisite: None
Exclusions: ECLE102, EYFE401
Subject Description: In this subject, students will develop an understanding of the philosophy and principles of early intervention for young children with additional needs that is provided in New South Wales. They will be provided with experiences to equip them to identify children in early childhood settings. They will be focussing on the implementation of IFSP's and there will also be an emphasis on facilitating communication through Alternative and Augmentative Communication techniques. The subject will adopt a strong equity promoting position and prepare students to advocate for families and children from the identified populations.

EYFE302 Historical and Philosophical Perspectives in E.C. Education

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: EYFE102, EDFE101 and EDFE301
Co-requisite: None
Exclusions: EDUF313 or ECFE301
Subject Description: This subject will critically examine the impact of historical changes and philosophical shifts upon the world of the child and upon the development of services and programs for families and children. The discursive construction of 'early childhood' and the resultant perspectives on education and childrearing in different historical contexts will be discussed and related to the roles of children, families and teachers in family life, schooling, health and other arenas. There are specific library skills workshops integrated into the subject. The Faculty Librarian and University Archivist play an important role in the delivery of the subject components dealing with the development of research skills as well as supporting students in their assignment preparation.

EYFE401 Early Intervention-A Broad Approach

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: EDFE101, EYPP101, EYPD102 and EYDC201
Co-requisite: None
Exclusions: ECLE102
Subject Description: In this subject, students will develop an understanding of the philosophy and principles of early intervention for young children with additional needs that is provided in New South Wales. They will be provided with experiences to equip them to identify children in early childhood settings. They will be focussing on the implementation of IFSP's and there will also be an emphasis on facilitating communication through Alternative and Augmentative Communication techniques. The subject will adopt a strong equity promoting position and prepare students to advocate for families and children from the identified populations.

EYFE402 Contemporary Theories and Practice in Early Childhood

Not on offer in 2013
Credit Points: 6
Pre-requisites: EDFE101, EYFE102, EDFE301 and EYFE302
Co-requisite: None
Exclusions: ECCT302
Subject Description: Recognising the importance of the quality of interaction of early childhood educators with the children in their care, this subject will provide theoretical background and practical strategies for creating stimulating safe and culturally sensitive socio-emotional learning environments. It draws together key theoretical perspectives from sociology, cultural studies including feminist, socio-cultural and poststructuralist. Students will be studying current research on contemporary and emerging theories and issues and the implications for promoting optimal and socially just early childhood experiences for children and families through innovative and creative responses.

EYHS202 Children's Health, Safety and Wellbeing

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: EYMP101 and EDFE101
Co-requisite: None
Exclusions:
Subject Description: This subject presents a holistic approach to safety, nutrition and the physical, social and emotional health of infants and young children. Indigenous perspectives on health and wellbeing of young children and families will be integrated into the subject. The subject will focus on developing an understanding of the elements of early childhood learning environments that promote social and emotional well-being, whilst identifying protective factors that encourage resilience. In addition, consideration will be given to current health issues affecting infants and young children as well as common threats to their safety and physical well-being, both within and outside the early childhood setting.

EYLL102 Language and Literacy in Early Childhood

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions: EDKL102 or EDUL101
Subject Description: The subject introduces students to the key milestones in language and literacy learning prior to school. It considers socio-cultural variation in these processes by examining bidialectalism (with a focus on Aboriginal English), bilingualism, socio-economic status and gender values, and encourages students to consider the role of children's literature in supporting the development of language and verbal, visual and multimodal literacy. It provides a strong and comprehensive socio-cultural theoretical perspective from which students can observe and develop profiles of children's language and literacy development and critically evaluate, design and implement literacy-oriented experiences and environments.

EYLL302 Birth to 3 Years: Developing Language Interactions

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: EYLL102
Co-requisite: None
Exclusions:
Subject Description: This subject focuses on developing babies' and toddlers' interactions in early childhood settings. This subject emphasises the importance of recognising the everyday events that engage and foster babies and toddlers' interactions. The subject's theoretical perspective provides students with practical frameworks to guide appropriate and relevant approaches to developing interactions during routines as well as planned and unplanned experiences; and mapping growth and milestones in this aspect of babies' and toddlers' development. The relevance of partnerships with children's families is highlighted, along with strategies for developing such partnerships to help early childhood educators foster young children's interactions.

EYLL402 Children's Literature in the Early Years

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: EYLL102 and EYLL302
Co-requisite: None
Exclusions: EDUE303
Subject Description: This subject provides opportunity for in-depth explorations of children's literature in the early years of children's lives. In so doing, it takes stock of the various genres that are involved across fiction and non-fiction. This subject examines children's literature in its many guises, ranging from traditional and contemporary print forms, to film, television and DVD renditions, to electronic versions. It takes stock of relationships between children's literary texts and popular culture. Students are engaged in ways that teachers might effectively use and program for children's literature in prior-to-school and early school year settings, including drama and poetry; and looks at how literature provides a basis for developing children's literacy.

EYMP101 Early Childhood Contexts 1

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: The main objective of Early Childhood Contexts 1 is to help students develop knowledge and understanding of the relationship between historical, legal and social factors impacting on children and influencing contemporary early childhood education and care. Government regulations, quality assurance systems, relevant legislation and support services for families and teachers will be the focus. The role of educators as mandatory reporters for child protection will be explored. Contemporary research on these topics will be introduced. An examination of international, national and state wide developments in documentation and policy will be undertaken with regard to their influences on practices, policies and resources encountered in the wide variety of settings that constitute the field of early childhood education.

EYMP301 Management of EC Services-Administration

Not on offer in 2013
Credit Points: 6
Pre-requisites: EYMP101
Co-requisite: EYEP301
Exclusions: ECCT302
Subject Description: This subject will examine topics as they relate to management of early childhood services, such as industrial issues, budgeting & financial management, grant submission writing, change management through the national quality assurance system, policy development & revision, use of technology in service management, and day-to-day administration. The delivery strategy of self directed teamwork provides practical experience in group dynamics, conflict resolution, team building and leadership based on the knowledge developed in EYEP301 Effective Partnerships for Early Childhood Professionals. Approaches to course delivery emphasise a student's autonomy and critical reflection in his/her learning. This third year subject is designed to give students an opportunity to consolidate the skills and knowledge in self-direction and teamwork developed through the previous sessions.

EYMP302 Early Childhood Education and Care Services - Management and Admin

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: EYMP101
Co-requisite: None
Exclusions: ECCT302, EYMP301
Subject Description: This subject will examine topics as they relate to management of early childhood services, such as industrial issues, budgeting & financial management, grant submission writing, change management through the national quality assurance system, policy development & revision, use of technology in service management, and day-to-day administration. The delivery strategy of self directed teamwork provides practical experience in group dynamics, conflict resolution, team building and leadership based on the knowledge developed in EYEP301 Effective Partnerships for Early Childhood Professionals. Approaches to course delivery emphasise a student's autonomy and critical reflection in his/her learning. This third year subject is designed to give students an opportunity to consolidate the skills and knowledge in self-direction and teamwork developed through the previous sessions.

EYMP401 Advocacy and Leadership in Early Childhood

Not on offer in 2013
Credit Points: 6
Pre-requisites: EYMP301
Co-requisite: None
Exclusions:
Subject Description: This subject will examine the complex responsibilities of early childhood leaders in delivering and advocating for quality programs and services for young children and their families. Recognition will be given to the current context of a market driven, competitive environment in early childhood and the need for specific skills and knowledge required to assist EC teachers as leaders in meeting organizational aims and objectives. Topics include: change management, human resources management, powerful communication, intrapersonal/ self awareness, vision-building and sharing, motivation, knowledge-building and mentoring, lobbying & advocacy. There are specific library skills workshops integrated into the subject. Practicing early childhood educators will mentor in this subject.

EYMP402 Advocacy and Leadership in Early Childhood

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: EYMP301 or EYMP302
Co-requisite: None
Exclusions:
Subject Description: This subject will examine the complex responsibilities of early childhood leaders in delivering and advocating for quality programs and services for young children and their families. Recognition will be given to the current context of a market driven, competitive environment in early childhood and the need for specific skills and knowledge required to assist EC teachers as leaders in meeting organizational aims and objectives. Topics include: change management, human resources management, powerful communication, intrapersonal/ self awareness, vision-building and sharing, motivation, knowledge-building and mentoring, lobbying & advocacy. There are specific library skills workshops integrated into the

subject. Practicing early childhood educators will mentor in this subject.

EYPD102 Observing children

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: EDFE101 and EYPP101
Co-requisite: None
Exclusions: EDUF106 and EDUF201
Subject Description: Students will develop knowledge of, and skills in a range of observational methods that can be used to document children's development. Methods will include running records, anecdotal records, time and event sampling, checklists and rating scales. Students will explore the developmental areas used to understand children's development. Students are required to develop an awareness of a range of appropriate categories and methods of observation within each developmental area to gain the most accurate and holistic understanding of children's development. Ethical considerations will be addressed. Students will explore practical issues when planning, implementing and evaluating quality learning experiences for children based on observation. This subject it connected to practicum in early childhood settings where the student will be able to apply the knowledge and skills of observing children acquired in the subject.

EYPD201 Curriculum Content and Programming

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: EDFE101, EYPP101 and EYPD102
Co-requisite: EYCB201
Exclusions:
Subject Description: This subject examines contexts, processes and practises relating to designing, implementing and evaluating curricula for 0-5 years in a variety of settings. The subject develops critical and evaluative awareness of the many influences that impact on curriculum across different early childhood settings. It examines the notion of evidence-based practice, includes strategies for organising time and space as well as monitoring the social environment. It includes an indigenous perspective on all aspects of planning, implementing and evaluating programs for young children.

EYPD302 Early Childhood Contexts 2

Not on offer in 2013
Credit Points: 6
Pre-requisites: EDFE101, EYPP101, EYPD102, EYPD201 and EYDC301
Co-requisite: None
Exclusions:
Subject Description: Early Childhood Contexts 2 will build on knowledge acquired in Early Childhood Contexts 1 in relation to state-wide, national and international developments in policy, practice and research with regard to their influences on practices, policies and resources encountered in the wide variety of settings that constitute the field of early childhood education. The focus will change to incorporate birth to five years only, adopt an equity promotion stance and include critical examination of support services for families and teachers, changing family structures, resources and contemporary development of theory such as 'indigenist' approaches.

EYPD401 Early Years Project

Annual Wollongong On Campus
Credit Points: 12
Pre-requisites: EYPP101, EDFE101, EYPD102, EYPD201, EYDC301 and EYPD302
Co-requisite: None
Exclusions: ECPD401
Subject Description: This subject deals with the theory and practice of action research in a variety of child and family services and other institutions for young children. Students will undertake action research project on an approved topic. The subject reflects the change in focus to 0-5 aged children and the services that provide for them. The subject also reflects the development of indigenous perspectives throughout the degree and the equity-promoting stance adopted.

EYPE202 Physical Environment:Learning inside and outside of the classroom

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: EYPP101
Co-requisite: None
Exclusions:
Subject Description: This subject provides students with the opportunity to explore the role and impact that designing stimulating and engaging physical environments has on the whole development of children. Theoretical perspectives, in particular indigenous perspectives and socio-cultural influences will be investigated and interrogated in terms of their applicability. Policy and regulations documents will be examined. Students will, after initial research of existing spaces, have the opportunity to plan and design learning spaces within and outside of classrooms, including natural environments and community spaces utilizing both virtual and real sites.

EYPP101 Play and Pedagogy

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions: EDUF104 or ECFE102
Subject Description: The subject will explore play as a central pedagogical approach in fostering young children's development and learning. It will present a range of classical and modern theories of play and treat the topics such as child spontaneous play; types and genres of play; indoor and outdoor play; play in a range of diverse contexts; providing for enriched play environments and play-oriented curriculum; the adaptability of play to different developmental stages; play-based educational programs.

EYRT401 Early Childhood Honours Thesis

Annual Wollongong On Campus
Credit Points: 24
Pre-requisites: WAM: of at least 75 over first three years of study.
Co-requisite: None
Exclusions: EDUT496
Subject Description: Honours student will be required to complete a thesis, approximately 24,000 words, in length, based upon a course of supervised study on a topic chosen by the student and approved by the 2 supervisors and the Faculty Research Committee. This thesis can take the form of a qualitative, quantitative or mixed-mode research project.

EYST302 Science and Technology for Young Children

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: This subject is an elective in the new degree, Bachelor of Education - The Early Years. Science education for children aged 0-5 years provides opportunities for them to develop independent rational thought and responsible action about the world around them. It emphasises first hand experiences, inquiry, problem solving and clarifying understandings. Emphasis is given to the use of science activities in contributing to the development of young children in early childhood settings. In particular science helps young children to develop relationships with others and the environment to support children's learning and well being consistent with the Practice of Relationships by the NSW Department of Community Services.

EYTE401 Contemporary Theories and Practice in Early Childhood

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: EDFE101, EYFE102, EDFE301 and EYFE302
Co-requisite: None
Exclusions: ECCT302, EYFE402
Subject Description: Recognising the importance of the quality of interaction of early childhood educators with the children in their care, this subject will provide theoretical background and practical strategies for creating stimulating safe and culturally sensitive socio-emotional learning environments. It draws together key theoretical perspectives from sociology, cultural studies including feminist, socio-cultural and poststructuralist. Students will be studying current research on contemporary and emerging theories and issues and the implications for promoting optimal and socially just early childhood experiences for children and families through innovative and creative responses.

EYTS401 Transition to School

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: EDFE101, EYPP101, EYPD102, EYPD201, EYDC301 and EYPD302
Co-requisite: None
Exclusions:
Subject Description: This subject explores key issues associated with transition to school. The move from a prior-to-school setting to school involves a major adjustment in the life of a young child and his/her family and is regarded as critical in the determination of academic success as well as response to future transitions. Ensuring that the move is as seamless as possible requires the development of learning programs that are shared between the prior-to-school setting, the parents and the school. A variety of national and international programs that support both children and parents will be examined and students in this subject will also design a transition program for use in a specific educational setting. Culturally and contextually appropriate transition programs are essential to the social justice principles developed throughout the other subjects in this degree.

FIN 111 Introductory Principles of Finance

Autumn Batemans Bay On Campus
Autumn Bega On Campus
Autumn Shoalhaven On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: FIN111 introduces fundamental concepts of corporate and personal finance. In doing so, the inter-relationships between finance and financial planning are explored. A theoretical strand contextualises finance and financial planning within their respective regulatory frameworks. A technical strand equips students with fundamental skills to understand the concept of time value of money, as applied to solving cash flow valuation problems within the context of corporate and personal finance. This subject is innovative in its broad and synergistic overview of the financial services industry. In its exploration of ethical issues, this subject supports a socially responsible approach to commerce.

FIN 221 Introductory Business Finance

Not on offer in 2013
Credit Points: 6
Pre-requisites: ACCY102 and ECON111 or ACCY112 and ECON111
Co-requisite: None
Exclusions: Not to count with ACCY221 and ACCY241 or FIN241
Subject Description: This subject provides an introduction to business finance. The subject covers major financial theories, practical tools and analysis used in financial decision-makings, namely investment decision, financing decision and dividend decision, in a corporation. Core topics include financial mathematics, capital budgeting techniques, the relation between risk and return, stock and debt markets, share and bond valuations, cost of capital, capital structure and dividend policy.

FIN 222 Corporate Finance

Autumn Batemans Bay On Campus
Autumn Bega On Campus
Autumn Shoalhaven On Campus
Credit Points: 6
Pre-requisites: (ACCY102 or ACCY112 and ECON111) or (FIN111 and ACCY112 or ACCY102)
Co-requisite: None
Exclusions: Not to count with ACCY221, FIN221, ACCY241 or FIN241
Subject Description: The objective of this subject is to provide an introduction to the fundamental quantitative techniques and underlying concepts and theories in investment, financing and working capital management decisions facing corporations. For students to successfully complete this subject, students are required to be able to compute, interpret and apply a range of quantitative measures in order to assist in making optimal financial decisions as well as understand the fundamental concepts and theories in finance. The main topics covered in this subject include financial mathematics, valuation of financial and productive assets, risk and return, cost of capital, working capital management, capital structure and dividend policy.

FIN 223 Investment Analysis
Autumn Wollongong On Campus
Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: ACCY221 or FIN221 or FIN251 or FIN241 or FIN222 or FIN252
Co-requisite: None
Exclusions: Not to count with ACCY223
Subject Description: This subject deals with security analysis and portfolio management. The subject is both descriptive, dealing with a range of securities and the market they operate in, and theoretical, considering theories of the market and the equilibrium prices of securities. Topics covered include portfolio theory and the capital asset pricing model, portfolio management, company, industry and market analysis, investment strategies and the evaluation of portfolio performance

FIN 226 Financial Markets & Institutions
Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: (ACCY102 or ACCY112 and ECON111) or FIN111
Co-requisite: None
Exclusions: Not to count with ACCY226
Subject Description: This subject examines the history and development of financial institutions and financial markets in Australia and elsewhere. Topics covered include: the role of the financial system; functions of financial markets; money markets and capital markets; the banking and payments system; financial systems regulation; the operations of the stock exchange; corporate and government debt markets; the Euromarket; and, derivative markets.

FIN 241 International Financial Management
Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: (ACCY102 or ACCY112 and ECON111) or FIN111
Co-requisite: None
Exclusions: Not to count with ACCY241 and ACCY221 or FIN221 or FIN241
Subject Description: This subject introduces students to the use of financial tools in an international context. The subject covers the basic techniques of finance and these are then related to international financial markets, institutions and practice. Students learn to evaluate the relationship between risk and expected return from international investments and develop an understanding of short and long-term international debt and equity capital markets.

FIN 251 Introduction to Financial Planning
Not on offer in 2013
Credit Points: 6
Pre-requisites: ACCY102 and ECON111
Co-requisite: None
Exclusions: FIN 252
Subject Description: This subject introduces students to the role of the financial planner. The material covered includes an overview of the financial products available to clients, methods to assess client needs and risk profiles. Financial planning in Australia is subject to particular codes of conduct. These industry standards and the regulatory environment that governs the operation of such advisory services are also presented.

FIN 252 Personal Finance
Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: FIN111 or (ACCY102 or ACCY112 and ECON111)
Co-requisite: None
Exclusions: FIN 251
Subject Description: This subject introduces students to the role of the financial planner. The material covered includes an overview of the financial products available to clients, methods to assess client needs and risk profiles. Financial planning in Australia is subject to particular codes of conduct. These professional standards and the regulatory environment that governs the operation of such advisory services are also presented.

FIN 320 Risk and Insurance
Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: 12 credit points in finance subjects or FIN222 or FIN241 or FIN252
Co-requisite: None
Exclusions: Not to count with ACCY327
Subject Description: This subject deals with the concepts and technical analysis of risk, risk attitudes and insurance. The focus is on providing protection against the portfolio, financial and corporate risks that are common to any number of basic and advanced investment decisions. Topics covered include risk insurance in relation to the share portfolio, hedging against currency exchange rate movements and protection for the loan portfolio from interest rate movements.

FIN 322 Advanced Corporate Finance
Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: 12 credit points in finance subjects or FIN222 or FIN221 or FIN241
Co-requisite: None
Exclusions: Not to count with ACCY322
Subject Description: This subject examines advanced aspects of the financial management of corporate resources with an emphasis on issues in financial planning and strategy. Topics include firm governance and the role of shareholders and stakeholders, the management of corporate debt and equity, mergers and acquisitions, financial distress and restructuring, and financial architecture and strategies. Special attention is given to the increasing complexity of the business environment and departure from the assumptions of an ideal capital markets.

FIN 323 Portfolio Analysis
Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: ACCY223 or FIN223
Co-requisite: None
Exclusions: Not to count with ACCY323
Subject Description: This subject blends portfolio theory with the practice of advanced security analysis and portfolio management. Topics include evaluation of equity securities, bonds, and derivative securities and the role they play within a portfolio. Specifically, the subject covers efficient market theory, arbitrage pricing theory, macro-analysis and micro-valuation of stock market, portfolio management strategies, derivative security analysis, organization and management of investment companies and portfolio performance evaluation.

FIN 324 Financial Statement Analysis
Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: (12 credit points in Finance subjects and ACCY200) or (FIN222 or FIN221 and ACCY200)
Co-requisite: None
Exclusions: Not to count with ACCY324
Subject Description: This subject develops knowledge and skills in the principles and techniques of financial information analysis. Students are introduced to the language, concepts and assumptions used by accountants to prepare financial statements and then use a business analysis framework to: 1) critically evaluate financial statements as data sources for business decisions, including investment opportunities, and 2) for the extraction of decision useful information from other publicly available accounting information sources. Analytical principles and techniques are then applied to key aspects of business performance to evaluate investment opportunities in a particular business entity.

FIN 325 Bank Management
Not on offer in 2013
Credit Points: 6
Pre-requisites: 12 credit points in Finance subjects or FIN222 or FIN241 or FIN226 or FIN252
Co-requisite: None
Exclusions: Not to count with ACCY325
Subject Description: This subject examines and deals with information on the bank management practices and operation of banks. The subject involves in depth discussions and analysis of bank management issues such as bank lending, banking interest rate models, off-balance sheet activities, operating costs & technology, foreign exchange, sovereign, liability & liquidity risks management and capital adequacy within both the Australian and international banking framework.

FIN 327 Entrepreneurial Finance For Business
Not on offer in 2013
Credit Points: 6
Pre-requisites: 12 credit points in Finance subjects or FIN222 or FIN241 or FIN252
Co-requisite: None
Exclusions: Not to count with ACCY227 or FIN227
Subject Description: This subject deals with financial management in small and medium organisations from a largely practical perspective by applying adapted versions of traditional financial analysis to small business enterprises. The subject takes a life-cycle approach moving through the stages of starting, building and finally harvesting a successful business. Issues addressed in this subject include valuation, performance measurement, obtaining and organising finance, financial planning, and cost of financial capital and exit strategies.

FIN 328 Retirement and Estate Planning
Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: FIN251 or FIN252
Co-requisite: None
Exclusions: Not to count with ACCY328
Subject Description: This subject provides an overview of the procedures and theory of retirement and estate planning. It discusses the goals and objectives of retirement planning with a view to maximisation of the benefits accruing to the retiree. The subject matter also includes a comprehensive overview of superannuation and the implications of the various superannuation strategies.

FIN 329 Advanced Financial Planning
Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: FIN251 or FIN252
Co-requisite: None
Exclusions: Not to count with ACCY329
Subject Description: This subject is a final subject in the financial planning major and brings together prior learning in the degree course. The preparation of a detailed statement of advise (SOA) incorporating all advanced aspects of financial advice covering strategies for wealth accumulation, retirement planning, estate planning, taxation consequences, risk considerations will be covered in the subject. The material covered includes a detailed analysis of the financial products available to clients in addition to detailed analysis of client needs and risk profiles and development of specific investment portfolios. The subject will also cover codes of conduct in the industry and present industry standards in addition to the regulatory environment that governs the provision of advisory services in Australia.

FIN 351 International Finance
Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: 12 credit points in Finance subjects or FIN223
Co-requisite: None
Exclusions: Not to count with ACCY351
Subject Description: This subject analyses financial markets in the international sphere, concentrating on the Australasian region. It explores the concepts and relationships linking international financial markets within the region and the operation of Australian firms in those markets. It covers such issues as financial decisions in a global market, international banking, the pricing of foreign exchange, foreign exchange and interest rate risk management.

FIN 353 Global Electronic Commerce
Not on offer in 2013
Credit Points: 6
Pre-requisites: ACCY221 or FIN221
Co-requisite: None
Exclusions: Not to count with ACCY353
Subject Description: This subject will provide a hands-on practical training and development of some of the theoretical and professional issues of Internet based technologies that enable and support global electronic commerce. The focus will be on the application of leading edge Internet-based (client-server) technologies in the design and implementation processes of Electronic Trading applications. Some of the leading implementations of Electronic Trading Systems, such as: the Australian Stock Exchange (ASX) and the New York Stock Exchange (NYSE) will be examined. The legal, control and security aspects of global electronic commerce will be examined as well.

FIN 359 Selected Issues in Finance
Not on offer in 2013
Credit Points: 6
Pre-requisites: ACCY221 or FIN221
Co-requisite: None
Exclusions: Not to count with ACCY359
Subject Description: This subject examines selected topics in the area of finance. Subjects examined are topical

issues and problem areas in the discipline and naturally change from year to year.

FIN 401 Honours Research in Finance

Annual Wollongong On Campus
Autumn Wollongong On Campus
Spring Wollongong On Campus
Credit Points: 24
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: This subject is for students doing honours in the Finance discipline. The research topic must be approved by the Associate Head of School and the research supervisor.

FIN 422 Investment Management

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions: Not to count with ACCY422
Subject Description: This subject is about the tools and logical frameworks with which decision makers choose their investments in a world characterised by uncertainty (risk). Emphasis is on investment in financial assets such as shares, bonds, options and futures rather than on real assets. Particular subject covered includes portfolio choice, allocations of investments between risky and riskless assets, the term structure of interest rates, asset pricing models, options and futures trading and risk hedging with such financial derivatives.

FIN 423 Portfolio Management

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions: Not to count with ACCY423
Subject Description: This subject introduces students to modern portfolio theory and practice with focuses on optimal investment decision-making, portfolio construction, portfolio management and investment performance evaluation. In particular, this subject tracks on-going development of portfolio theory to provide students with a set of portfolio analytical tools. Students will be trained to analyse current financial market by applying those analytical skills.

FIN 424 Financial Statement Analysis For Business

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions: Not to count with ACCY424
Subject Description: This subject examines the framework for financial statement analysis with discussion of the role of accounting information and intermediaries. Emphasis is on the appraisal and prediction of corporate financial performance from publicly available information such as accounting numbers, industry and economic statistics as well as other stock market data. Cases and problems are gradually introduced, provoking an analytical and creative thinking process ending with the evaluation and preparation of appropriate business strategies.

FIN 425 Banking Theory and Practice

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions: Not to count with ACCY425
Subject Description: This subject examines bank management theory as applied to the practice of bank operations within the banking sector. It entails comprehensive discussion on issues that are commonly involved within the banking environment such as the regulatory structure, risk management, commercial and consumer lending, capital adequacy analysis, banking financial futures and forwards, the cheque clearing system and the latest information technology within the banking world.

FIN 426 Advanced Managerial Finance

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions: Not to count with ACCY426
Subject Description: This subject examines advanced aspects of corporate finance within the contemporary business environment. The subject first analyses the impact of capital markets, information asymmetries and principal-agent conflicts on practical decision-making in the firm. It then investigates several specialised areas receiving increased scrutiny from corporate stakeholders including financial distress and restructuring, corporate governance, managerial compensation, organisational architecture and risk management, debt and equity strategies, mergers and acquisitions and emerging market corporate finance.

FIN 427 Entrepreneurial Finance

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions: Not to count with ACCY427
Subject Description: This subject deals with the financial management tools and techniques appropriate for small and medium-sized business enterprises. It includes study of potential investors and their mindset at various stages in the firm's life cycle, thus covering sources, uses and management of funds from pre-purchase to public listing. A case study approach is employed. Issues addressed include valuation, performance measurement, obtaining and organising finance, financial planning, and cost of financial capital and exit strategies.

FIN 428 Multinational Financial Management

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions: Not to count with ACCY428
Subject Description: This subject examines international finance and investment from the perspective of the multinational corporation. Topics studied include various aspects of the international monetary system, the Euromarkets, foreign exchange markets, internal and external exposure management techniques, currency futures and options, swaps, financing multinational corporation investment, multinational corporation investment decision making, political risk analysis and international taxation.

FIN 487 Special Topic in Finance

Autumn Wollongong On Campus
Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions: Not to count with ACCY487
Subject Description: This subject provides an opportunity for students to study a topic of interest within the theory and application of finance. The program of study comprises a combination of coursework and/or research with subject objectives and assessment approved by the Associate Head of School(Finance).

FREN151 French for Beginners/near Beginners

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: This subject is an interactive, semi-intensive language subject. It is the entry point to the French major for beginners or near-beginners in French. Although no prior knowledge of the language is assumed, progress through the syllabus is scaffolded and highly structured with the objective of bringing students to the level of an HSC pass in one academic year. There is a dual focus on communicative and structural aspects of the language. Grammar is supported by an online guided independent study program and extended by multimedia activities. Oral and written tasks are regularly assessed throughout the semester.

FREN152 French for Beginners/near Beginners

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: FREN151
Co-requisite: None
Exclusions:
Subject Description: This subject is an interactive, semi-intensive language subject. It is the entry point to the French major for beginners or near-beginners in French. Some prior knowledge of the language is expected as progress through the syllabus is scaffolded and highly structured with the objective of bringing students to the level of an HSC pass in one academic year. There is a focus on the communicative, cultural and structural aspects of the language. Grammar, is supported by a set of guided online exercises and extended by multimedia activities. Oral and written tasks are regularly assessed throughout the semester.

FREN215 In country Language Study

Autumn Wollongong On Campus
Spring Wollongong On Campus
Credit Points: 8
Pre-requisites: 12 cps French at 100 level or HSC French or equivalent
Co-requisite: None
Exclusions:
Subject Description: This subject provides specified credit at 200-level in an area of French language, literature or civilisation undertaken at a French university and approved in advance by the Convenor of French.

FREN220 The making of France and the French Nation

Autumn Wollongong On Campus
Credit Points: 8
Pre-requisites: 12 credit points at 100 Level or approval of French Convenor
Co-requisite: None
Exclusions: FREN110
Subject Description: This subject looks at the geographical, historical, cultural and linguistic forces and social frameworks that contributed to modern France. It seeks to provide essential information which forms part of every French speaker's consciousness by focusing on some of the key elements of French culture and civilisation. It examines the important events and development of social and cultural norms which have shaped France and the French society in the course of centuries.

FREN251 French IIA Language

Autumn Wollongong On Campus
Credit Points: 8
Pre-requisites: (FREN152) or (approval of Head of Program on basis of HSC French).
Co-requisite: None
Exclusions:
Subject Description: This subject is the entry point to the French major for students with a sound pass in 2U HSC French (or equivalent), and the second year of language studies for beginners or near-beginners. Language skills are developed and consolidated through the study of print, audio and video materials; current affairs; a review and extension of basic grammar; listening and conversation activities; and exercises in written expression and reading comprehension. There is a focus on communicative, structural and cultural aspects of the language.

FREN252 French IIB Language

Spring Wollongong On Campus
Credit Points: 8
Pre-requisites: FREN251
Co-requisite: None
Exclusions:
Subject Description: This subject continues and expands the program established in FREN251. Language skills are developed and consolidated through the study of print, audio and video materials; current affairs; a review and extension of basic grammar; listening and conversation activities; and exercises in written expression and reading comprehension. There is a focus on communicative, structural and cultural aspects of the language enhanced by information and communication technology.

FREN320 France in the Twenty-first century

Not on offer in 2013
Credit Points: 8
Pre-requisites: 24 credit points or approval of French Convenor
Co-requisite: None
Exclusions: FREN210, FREN220
Subject Description: FREN320 is a culture and civilisation subject offered as part of the French Studies major programme. It provides an understanding of contemporary France as a multicultural nation and its main institutions. It is an intellectual and skills based subject for French Studies as well as other cognate subjects in the Faculty.

FREN351 French IIIA Language
Autumn Wollongong On Campus
Credit Points: 8
Pre-requisites: FREN252
Co-requisite: None
Exclusions:
Subject Description: This subject has analytical and functional components. A study is made of a wide range of styles and registers of written French, including literary, business and commercial texts. Particular emphasis is placed on the development of spoken and written expression, awareness of current affairs and contemporary cultural phenomena, detailed textual analysis, advanced grammar, and translation skills.

FREN352 French IIIB Language
Spring Wollongong On Campus
Credit Points: 8
Pre-requisites: FREN351
Co-requisite: None
Exclusions:
Subject Description: This subject has analytical and functional components and continues the program begun in FREN351. A study is made of a wide range of styles and registers of written French, including literary, business and commercial texts. Particular emphasis is placed on the development of spoken and written expression, awareness of current affairs and contemporary cultural phenomena, detailed textual analysis, advanced grammar, and translation skills.

FREN361 French IIIC
Not on offer in 2013
Credit Points: 8
Pre-requisites: FREN252
Co-requisite: None
Exclusions:
Subject Description: This is a reading course conducted under the direct supervision of a member of staff. Topics, as determined by the Coordinator for French, will be chosen from an area of French language, literature or civilisation and provide a program of advanced work complementing the student's prior studies in French. Offer is dependent on staff availability.

FREN362 French IIID
Not on offer in 2013
Credit Points: 8
Pre-requisites: FREN252
Co-requisite: None
Exclusions:
Subject Description: This is a reading course conducted under the direct supervision of a member of staff. Topics, as determined by the Coordinator for French, will be chosen from an area of French language, literature or civilisation and provide a program of advanced work complementing the student's prior studies in French. Offer is dependent on staff availability.

FREN470 French Honours
Autumn Wollongong On Campus
Spring Wollongong On Campus
Credit Points: 12
Pre-requisites: A major in French with at least a 80% average plus 2 distinctions at 300 level subjects in French Studies
Co-requisite: None
Exclusions:
Subject Description: The subject consists of a coursework seminar which reflects the specialist interests and expertise available in the program. This may include studies in, for instance, contemporary French/Francophone literature, linguistics, history, culture, or contemporary art. Students will be offered advanced study in these specialist areas, informed by current theoretical and methodological approaches. The seminars on offer may vary from year to year, depending on staffing and may include areas of study not listed above.

GSA 002 Graduate Skills Assessment
Not on offer in 2013
Credit Points: 0
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: Registration for Graduate Skills Assessment test 13 June 2003

GWP 100 Global Workplace Practice
Autumn Wollongong On Campus
Spring Wollongong On Campus
Credit Points: 0
Pre-requisites: 24cps
Co-requisite: None
Exclusions:
Subject Description: This subject is designed to meet the employment aspirations of international students to undertake work in Australia. A 11 week series of educational seminars and practical job seeking activities will maximise the students' potential to access workplace experiences and following this, more formal post university employment options. This subject is an optional stand-alone subject for international students and therefore is not linked to any courses.

HIST110 The Premodern World
Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: Starting around 1000 CE, this subject surveys some broad historical trends in the areas of religion, trade, imperialism and colonialism, political movements, war and conflicts, technology, art, and economic developments. It is geographically eclectic, examining the development of ideas and movements of peoples across Asia, Europe, the Americas and the Middle East. Case studies will illustrate in more detail the complexities of daily life during this exciting and lengthy phase of global activities. The teaching focus will be on training in foundational academic skills: critical thinking; document analysis and précis; and basic academic writing.

HIST111 The Modern World
Spring Batemans Bay On Campus
Spring Bega On Campus
Spring Shoalhaven On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions: INTS111
Subject Description: In the 1750s, the world consisted of many different societies, cultures, states and empires. They were linked not only by trade but also in other ways: ideas, technologies and conflicting notions of the way the world should be. This subject looks at the development of the Modern World and the political, social and economic elements that made it. It includes matters as diverse as revolutions and daily life, gender, trade, human rights, political movements, religion, war and mass culture. Case studies are used to illustrate the broader themes in the subject, which will vary from year to year.

HIST201 An Ocean of History: An Introduction to the Pacific World
Not on offer in 2013
Credit Points: 8
Pre-requisites: 36 cp including 6 cp of HIST, POL or INTS
Co-requisite: None
Exclusions:
Subject Description: This subject surveys the history of the Pacific Ocean from first human settlement to the late nineteenth Century. It explores the influences, processes and events that have connected island societies with each other, with nations on the ocean's rim and with the wider world. Drawing on diverse Indigenous and Western perspectives, it examines the nature and significance of maritime mobilities, cross-cultural encounters, and the circulation and exchange of people, commodities and ideas. This subject also critically engages with the shifting conceptual frameworks used to imagine, represent and make sense of this region, its peoples and its pasts.

HIST202 Slavery in the Asia Pacific
Not on offer in 2013
Credit Points: 8
Pre-requisites: 36 cp including 6 cp of HIST, or 6 cp of AUST
Co-requisite: None
Exclusions:
Subject Description: Slavery is a contested term and nowhere more so than in the Asia-Pacific. This subject explores slavery including the treatment, procurement and activities of enslaved labour forces. Case studies are drawn from Asia, Australia and the Pacific Islands where slavery will be examined in the pre-colonial, colonial, wartime and post-colonial periods. Forms of slavery such as child slavery, sexual slavery, domestic and plantation slavery will be considered. The shift from slavery to indentured contracts to wage labour and the developments and interventions of international law will be traced.

HIST203 Australians and the Great War
Autumn Batemans Bay On Campus
Autumn Bega On Campus
Autumn Shoalhaven On Campus
Credit Points: 8
Pre-requisites: 36cp including 6cp HIST or 36cp including 6cp POL or 36cp including 6cp AUST or 36cp including 6cp ARTS or 36 cp including 6cp of CENV, or 36cp 100 level including 6cp INTS
Co-requisite: None
Exclusions: HIST336
Subject Description: This subject examines the impact of war on European Australian society to 1918 with an emphasis on the Home Front and the place of war as a catalyst for social change. Major themes examined include the nature of war, the geopolitical context of empire, enlistment and conscription, women and families in wartime Australia, disloyalists and 'enemies within', war and moral persuasion, the soldiers' war, grief and commemoration, and digger and Anzac as nation building myths. Selected campaigns in which Australians played a significant part will be acknowledged.

HIST216 Ancient History: Greece
Not on offer in 2013
Credit Points: 8
Pre-requisites: 36cp including 6cp HIST or 36cp including 6cp AUST
Co-requisite: None
Exclusions: Not to count with HIST205
Subject Description: This subject covers the history of Greece from the Archaic period to the Hellenistic kingdoms. After a background survey of Egypt and Mesopotamia it examines the development of the Greek polis, with particular emphasis on Athens and Sparta, the classical age of Athens, the Peloponnesian War and its effects, Alexander the Great and the diffusion of Greek culture through the Hellenistic Kingdoms. Themes to be explored include the nature of Athenian democracy, Attic tragedy, the role of women, militarism.

HIST217 Ancient History: Rome
Spring Batemans Bay On Campus
Spring Bega On Campus
Spring Shoalhaven On Campus
Credit Points: 8
Pre-requisites: 36cp including 6cp HIST or 36cp including 6cp AUST
Co-requisite: None
Exclusions: Not to count with HIST205
Subject Description: This subject examines the history of Rome from the early republic to the collapse of the Western Empire in the fifth century CE. As well as providing a general survey of Roman history it will also focus on a number of key themes. These could include: the republican system of government, women in Rome, the significance of the military, Roman culture, slavery, the rise of Christianity, crises of the later empire. Some comparison with other contemporary Eurasian empires will be made.

HIST220 Living Australia 1800-2000: the autobiography of working class Austr
Autumn Wollongong On Campus
Credit Points: 8
Pre-requisites: 36cp including 6cp HIST or 36cp including 6cp POL or 36cp including 6cp AUST or 36cp including 6cp INTS
Co-requisite: None
Exclusions:
Subject Description: Using Australian social history, this subject uses a chronological sequence of autobiographies to critically investigate the 'lived experience' of being working class over two centuries. It examines writings from the convicts, goldrushes, immigrant, indigenous, rural and urban working class lives, against the backdrop of broad

social, political and economic transformations. The subject asks theoretical questions about the relationship between vernacular experience and official historical accounts and subject and agency in historical explanation.

HIST232 Russia in War and Revolution

Not on offer in 2013
Credit Points: 8
Pre-requisites: 36cp including 6cp HIST or 36cp including 6cp POL or 36cp including 6cp AUST or 36cp including 6cp INTS
Co-requisite: None
Exclusions:
Subject Description: This subject looks at a broad sweep of Russian history from the Vikings to the collapse of the Soviet Union in comparative context. Topics dealt with in detail include early Russia, the Mongols, the tsars, the Russian revolution, the Soviet Union and the Gorbachev era. The subject investigates the crucial role Russia has played in world history.

HIST239 Water in Australia: An Environmental History

Spring	Batemans Bay	On Campus
Spring	Bega	On Campus
Spring	Shoalhaven	On Campus

Credit Points: 8
Pre-requisites: 36cp at 100 level
Co-requisite: None
Exclusions:
Subject Description: Water has become the dominant issue in environmental debates worldwide, and achieving a balance between water needs and protecting water resources is one of the most urgent issues of the 21st century. This subject focuses on the history of water as central to Australian culture from a variety of perspectives. It explores inland river systems through early colonial hopes in a mythical inland sea; the ambitions invested in irrigation; the crisis in urban water supply; our changing orientations to the oceans around us; and some of the recreational uses of water through the history of swimming, beaches, lifesaving and surfing. The subject looks at the ways water has a history, and how that history is crucial to thinking about how we want to live in the future.

HIST252 A History of Modern China

Autumn Wollongong On Campus
Credit Points: 8
Pre-requisites: 36 cp including 6cp in HIST, POL , AUST or INTS
Co-requisite: None
Exclusions:
Subject Description: The subject will explore key political and social events in China since the end of the Qing Dynasty in 1912. The impact of these events still reverberate in China today and have even influenced China's relationship with her Asian neighbours and Western countries. Events that the subject will explore include the May Fourth movement of 1919, the Sino-Japanese War (1937-1945), the Chinese Civil War (1946-1949), the Cultural Revolution (1966-1976) and the opening up of China in the 1980s. The subject will help students understand China better by showing the relevance of these events for the country today.

HIST253 Japan in the Twentieth Century: a socio-cultural history of change

Spring Wollongong On Campus
Credit Points: 8
Pre-requisites: 36cp including 6cp in HIST, POL, AUST, MACS or INTS
Co-requisite: None
Exclusions:
Subject Description: Using the atomic bombings of Hiroshima and Nagasaki as a point of departure, this subject initially asks questions about Japan's rise to prewar international prominence, and from there examines Japan's re-emergence in the postwar period as a significant influence in Asia and in the world. Using the theme of change as an organizing paradigm, topics include Japan's transition from feudal to modern, its prosecution of wars with eastern and western nations, its occupation by the US, the new postwar culture of materialism, changing locations of gender and minorities in the new Japan, and Japan's increasing 'soft power'.

HIST255 Australia and Asia: Connections and Comparisons

Not on offer in 2013
Credit Points: 8
Pre-requisites: 36cp at 100 level
Co-requisite: None
Exclusions: INTS225
Subject Description: Australia's place in the Asia-Pacific region will be considered in the light of historical connections and comparisons between Australia and Asia, with an emphasis on late nineteenth and twentieth century history. Themes explored include experiences of colonialism; Asian migration and multiculturalism; comparative studies of citizenship and labour relations; and changing Asian-Australian relations in the aftermath of World War Two.

HIST265 Gallipoli Study Tour

Not on offer in 2013
Credit Points: 8
Pre-requisites: 36 credit points including 6 credit points in HIST or 6 credit points in AUST or 6 credit points in ARTS or 6 credit points in POL or 6 credit points in CENV or 6cp in INTS
Co-requisite: None
Exclusions:
Subject Description: 'Gallipoli' occupies a significant place in Australia's history. This subject takes students to Turkey and the Peninsula to place 'Gallipoli' within its physical and cultural context. It examines Troy, Constantinople and the Ottoman Empire to provide the broad historical and cultural context for the study tour, the campaign in 1915 with a special emphasis on the Anzac sector and notions of pilgrimage, commemoration and grief. Lectures and seminars provide the introduction to the subject and will be followed by in situ seminars in Turkey and a debriefing seminar on returning to the main campus. Students will spend a week in Turkey.

HIST270 Western Front Study Tour

Winter Wollongong On Campus
Credit Points: 8
Pre-requisites: 36 cps including 6 credit points in HIST, ARTS, CENV, AUST, POL or INTS
Co-requisite: None
Exclusions:
Subject Description: The Western Front during Great War has been the subject of a growing scholarship over the last decade in both Australia and Europe. This subject examines the 'meanings' of the Western Front and where the Australian experience sits within its broader Allied context by placing students in situ. Sites visited include Verdun, Peronne, Villers Bretonneux, Vimy Ridge, Ipres and other sites in the Somme and Ypres sectors. It is preceded by a week of intensive class preparation followed by approximately six days in the field. Students undertaking this subject are eligible to claim financial assistance ($500) through the Study Abroad Office.

HIST291 Film and History

Spring Wollongong On Campus
Credit Points: 8
Pre-requisites: 36cp including 6cp HIST or 36cp including 6cp POL or 36cp including 6cp AUST or 36cp including 6cp CCS or 36cp including 6cp ARTS or 36cp including 6cp SMAC, 36 cp including 6cp MACS or 36cp including 6cp INTS
Co-requisite: None
Exclusions:
Subject Description: Film is a powerful tool when it comes to representations of the past, frequently commanding more popular authority than the works of scholars. Books take a long time to read: movies or documentaries are consumed within a matter of hours. But what makes a film 'historical'? Film can reflect the present through the use of the past. Films made in the past offer an interesting insight into their contemporary culture. Documentaries appear to offer historical 'truths'. Film has been used to promote the views of the state through propaganda . Using selected examples, this subject examines film as an interpretive tool in historical representation and the use of film as a source of social history. Six films will be screened in the subject. History, rather than the medium, is the focus of the subject.

HIST310 Europe in World History

Autumn Wollongong On Campus
Credit Points: 8
Pre-requisites: 16cp HIST at 200 level; or 16 cp POL at 200 level
Co-requisite: None
Exclusions:
Subject Description: This subject will consider the various ways in which the role of Europe in world history has been understood and debated by historians and other commentators. It has a major historiographical focus. One primary focus will be arguments regarding European exceptionalism, why it was Europe that experienced economic and industrial take-off in the nineteenth century and came to dominate the world. Other themes could include the idea of Europe as a continent, Europe and secularisation, Jews in European history, Europe's relations with Islam, Europe and warfare, Europe and the idea of the West.

HIST318 The Making of the Modern Australian Woman

Not on offer in 2013
Credit Points: 8
Pre-requisites: 16cp at 200 level HIST or 16cp at 200 level POL including POL290
Co-requisite: None
Exclusions:
Subject Description: This subject examines the forces determining the position of women in Australian society in the Twentieth century. It begins with the demographic transition of the 1890s and explores the effects of reduced fertility on marriage and family formation in the twentieth century and how these changes affected the lives of women. Analysis of the domestic ideology and the rise of women's liberation are major themes. How structural change in the Australian economy affected women's life chances by creating or limiting their education and employment forms is an important area of enquiry, as are political and social perspectives on the role of women.

HIST322 Twentieth Century Dictatorships

Spring Wollongong On Campus
Credit Points: 8
Pre-requisites: 16cp HIST at 200 level; or 16 cp POL at 200 level or 8cp 200 level HIST and 6cp 100 level ARTS or 8cp 200 level HIST and 6cp 100 level CENV
Co-requisite: None
Exclusions: POL 320
Subject Description: This subject examines why it was that the era of 'mass politics' that emerged in the early Twentieth century led to a decline in democracy and to an era of revolution and war. The concepts of dictatorship and democracy will be explored in the light of political theory and historical examples spread across cultures. Case studies will vary from year to year but could include the Nazi and Soviet dictatorships, Fascist Italy, Mao's China, Japanese militarism and Saddam Hussein's Iraq.

HIST325 Theory and Method of History

Spring Wollongong On Campus
Credit Points: 8
Pre-requisites: 16cp at 200 level HIST
Co-requisite: None
Exclusions:
Subject Description: This subject investigates theory and practice of contemporary historical enquiry. Theoretical issues examined include: causation in historical enquiry; types of explanation; facts versus values; varieties of history writing; the production and status of historical knowledge. Methodology issues include: formulating research problems; planning and undertaking research; understanding and using secondary and primary sources; accessing and retrieving research information. From 2012, HIST325 will be a pre-requisite for History Honours

HIST334 Regional and Environmental History

Autumn Wollongong On Campus
Credit Points: 8
Pre-requisites: 16cp at 200 level HIST OR 6cp ARTS plus 8cp at 200 level HIST or 6cp CENV plus 8cp at 200 level HIST
Co-requisite: None
Exclusions:
Subject Description: Regional studies approach history from the perspective of place. They examine the response of regional and local communities to the general responses identified by historians. This subject examines the nature of regional identity, place and landscape using both theoretical literature and case studies. The regions chosen can vary from year to year.

HIST342 Sickness and death: Social history and public health in Australia

Spring	Batemans Bay	On Campus
Spring	Bega	On Campus
Spring	Shoalhaven	On Campus

Credit Points: 8
Pre-requisites: 16cp at 200 level HIST
Co-requisite: None
Exclusions:
Subject Description: Examines the history of the identification of and responses to sickness, death and disease in colonial and post-colonial Australia. It will use case studies to investigate the historical roles of doctors, nurses and other health professionals and the history of public health agencies in Commonwealth and State governments. The case studies will also examine the history of the health of indigenous Australians and ethnic minorities and public health concerns arising from urban growth, immigration and industry. In the case studies, a particular emphasis will be placed on the use of primary documents such as parliamentary papers, archival manuscripts, films, photographs and oral histories.

HIST343 Special Topics in History

Autumn	Wollongong	On Campus
Spring	Wollongong	On Campus

Credit Points: 8
Pre-requisites: 16 cp at 200 level HIST
Co-requisite: None
Exclusions:
Subject Description: This subject offers students the change to undertake supervised study in History in special circumstances. Content will depend on the project being undertaken. Enrolment requires the approval of the Convenor of the History Program and the Head of School.

HIST350 Debates in Australian Cultural History

Autumn	Batemans Bay	On Campus
Autumn	Bega	On Campus
Autumn	Shoalhaven	On Campus

Credit Points: 8
Pre-requisites: 24cp at 200 level
Co-requisite: None
Exclusions: AUST300, AUST350
Subject Description: This subject focuses on the ways that contested versions of Australia's past have animated public debates in recent years. It explores the new theoretical approaches to history-making and the new areas of historical research that have emerged in the last half of the twentieth century. The subject highlights the ways that past events are never fully fixed in historical narratives, but are revisited as each generation returns to the past with different questions, based on their own experiences and concerns. It considers debates between Australian historians, sometimes dubbed the 'History Wars', and how they have been expressed within political life and cultural institutions. Topics covered will include debates about the size and composition of the Australian population; the extent of frontier violence; visions of Australian landscape; the emergence of identity politics; museum practice; patriotism; and who is authorised to tell the national story.

HIST352 The Overseas Chinese : Migration and Organisation

Spring	Wollongong	On Campus

Credit Points: 8
Pre-requisites: 16cp in 200 level HIST or 16 cp in 200 level POL
Co-requisite: None
Exclusions:
Subject Description: This subject looks at the history of the ethnic Chinese outside China. It examines Chinese emigration, organisation in their adopted countries, trade, political and economic relationship with China, the effects of the Cold War, political movements and changes in the community today. It will trace the evolution of the Chinese business community and examines the growth and expansion of their networks. It will also explore the historiography and current research work on the overseas Chinese. Case studies will be adopted in the subject and it is aimed at students with an interest in China and the Chinese overseas.

HIST353 Japanese History Through Film

Not on offer in 2013
Credit Points: 8
Pre-requisites: 16cp in 200 level HIST or 16cp in 200 level MACS
Co-requisite: None
Exclusions: SMAC201
Subject Description: This subject uses the medium of popular Japanese film to examine how major historical events have been remembered, deployed and engaged by producers of pop culture both in Japan and overseas. Using groups of well-known and iconic directors and their artifacts, the subject asks questions about representations of society, history, economy and culture in film, and locates both the production of film and the interpretation of film within a carefully bounded chronological and cultural context.

HIST370 War and Society

Autumn	Batemans Bay	On Campus
Autumn	Bega	On Campus
Autumn	Shoalhaven	On Campus

Credit Points: 8
Pre-requisites: 52 credit points
Co-requisite: None
Exclusions: WAR 300
Subject Description: Using different perspectives, this subject introduces students to broad questions of war, its nature, its impact on society and its representations. Issues discussed include the definitions and causes of war, the nature of combat, international diplomacy and war, gender and war, war as represented in literature and popular culture and the place of war in notions of national identity. It is informed by, and informs, the elective subjects offered in the Studies in War and Society major.

HIST394 Commodification History

Not on offer in 2013
Credit Points: 8
Pre-requisites: 16cp at 200-level HIST
Co-requisite: None
Exclusions:
Subject Description: Commodification history studies the historical processes that lead to the increasing commodification of everyday life. The subject studies historical examples of commodification in Australia and Asian-Pacific societies, including labour, consumption, aboriginality, art and culture, sport, human reproduction, nature, and information. The course emphasises the social, political and cultural dimensions of commodification, when understood as a site of struggle or alliance between social groups [classes, genders, ethnicities, sexualities]. The course also examines the relationship between commodification, the commons and the construction of selfhood in different societies. The specific case studies can vary from year to year.

HIST470 History Honours

Autumn	Wollongong	On Campus
Spring	Wollongong	On Campus

Credit Points: 12
Pre-requisites: A major sequence in History, with at least 80% average and two overall Distinctions results in 300 level History subjects
Co-requisite: None
Exclusions:
Subject Description: HIST470: History Honours consists of a two-hour weekly seminar (12 credit points) during Autumn session, which explores discipline-specific issues, through reading, discussion and writing. Two essays are assessed and double marked in a combined total of 7,000-8000 words. Where possible student consultation is sought in suggesting readings for the session and in introducing the discussion. NB: Students enrolled in HIST470 must also enrol in and attend the Faculty Honours subject, ARTS 470: Research in the Social Sciences and Humanities (12 credit points) in addition to the requirements of HIST470. Further, they must submit a research thesis of 15-18,000 words in the subject ARTS480/481:Thesis. An Honours thesis in the discipline of History requires the development, research and writing of a 15,000-18,000 word research thesis under the supervision of an academic at the University of Wollongong, a person normally located within the History Program. The thesis is submitted toward the end of the second semester of study.

HIST472 Combined Honours in History and Another Discipline

Autumn	Wollongong	On Campus
Spring	Wollongong	On Campus

Credit Points: 12
Pre-requisites: None
Co-requisite: A major sequence in History, with at least 80% average and two overall Distinctions results in 300 level History subjects
Exclusions:
Subject Description: HIST472: History Honours consists of a two-hour weekly seminar (12 credit points) during Autumn session, which explores discipline-specific issues, through reading, discussion and writing. Normally two essays are assessed and double marked in a combined total of 7,000-8000 words. Exact arrangements are established on a case-by-case basis, in negotiation with the other discipline. NB: Students enrolled in HIST472 must also enrol in and attend the Faculty Honours subject, ARTS 470: Research in the Social Sciences and Humanities (12 credit points) in addition to the requirements of HIST472. Further, they must submit a research thesis of 15-18,000 words in the subject ARTS480/481:Thesis. An Honours thesis that involves History and another discipline normally requires the development, research and writing of a 15,000-18,000 word research thesis under the supervision of two academics at the University of Wollongong, with one being located within the History Program, and the other in the other discipline.The thesis is submitted toward the end of the second semester of full-time study.

IACT201 Professional Practice & Ethics

Autumn	Wollongong	On Campus

Credit Points: 6
Pre-requisites: 24cp @100 level
Co-requisite: None
Exclusions: ISIT301
Subject Description: This subject covers the body of ideas and commonly held principles that broadly apply to ethical behaviour in the information technology environment. IACT201 will examine the social and ethical implications of information technologies as they apply to citizens and information technology professionals. It will present legal, regulatory, social and ethical perspectives on the use of such technologies through topics of intellectual property, privacy, networking, security, reliability. The inclusion of a professional ethics is to prepare students for careers in the information technology industry. The extent to which technological advancements have altered societal expectations is also examined.

IACT301 Information and Communication Security Issues

Not on offer in 2013
Credit Points: 6
Pre-requisites: IACT201
Co-requisite: None
Exclusions:
Subject Description: This subject will examine current controls, both legislative and technical, aimed at maintaining data integrity, ease of access to information, and protection of ownership, in the light of on going developments in computer security, multimedia communications, international electronic networks, and electronic publishing. The subject will cover communication security; issues relating to the monitoring of international agreements; OECD guidelines for security of information; maintaining privacy provisions; password security; and future IT developments and their implications for monitoring intellectual property rights and communication security.

IACT305 eBusiness Technologies

Not on offer in 2013
Credit Points: 6
Pre-requisites: ITCS201 & 6cp of 200 level IACT or ITCS201 & 6cp of 200 level CSCI or ITCS206 And 6cp of 200 level CSCI
Co-requisite: None
Exclusions: ITCS938 or ISIT938
Subject Description: The subject explores the technology being adopted by organisations and the various means of maximising business potential using Internet technology, including eBusiness (B2B, B2C, B2G etc.). The focus of the course is from the IT professional perspective, giving the student a feel for what is required in a commercial business environment. The technology aspects will cover both developing in house software, as well as selecting 'best practice' outsourced options. Comparisons are drawn between the two adoption methods, and the student is engaged by scenario role playing as part of the group assignments.

IACT403 Human Computer Interface

Not on offer in 2013
Credit Points: 6
Pre-requisites: 24cp @ 300 level
Co-requisite: None
Exclusions: CSCI324, IACT931, MCS9324
Subject Description: This subject examines the design evaluation and implementation of interactive computing systems for human use (HCI) and the major phenomena surrounding them. Also considered are joint performance of tasks by humans and machines, structure of human machine communication, social and organizational interactions with machine design, human capabilities to use machines including their learnability as well as algorithms and programming of the interface itself, engineering concerns that arise in designing interfaces, the process of specification design and implementation of interfaces and design tradeoffs.

INDO151 Introductory Indonesian 1A

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions: INDO104
Subject Description: INDO151 has a dual focus on developing communicative skills and an awareness of the structure of the language using a methodology that combines aspects of the communicative and functional/situational approach with grammar instruction. Listening, speaking, reading and writing skills are developed through a combination of the classroom activities and assignments. It is designed to give students a grounding in the skills they need to understand and use Indonesian in a range of everyday, non-specialist contexts such as informal social occasions, shopping, dining out and the classroom context. Use is made of different media including audiovisual material and computer-aided language learning. Class time is divided between interactive language work, linguistic reflection and introduction to Indonesian culture and society. Oral and written assessment tasks are continuous throughout the session.

INDO152 Introductory Indonesian 1B

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: INDO151. Students who have not completed INDO151 but have completed an equivalent subject need the approval of the Language Centre Director to enrol.
Co-requisite: None
Exclusions: INDO105
Subject Description: In this subject students' skills in Indonesian are reinforced using a methodology that combines aspects of the communicative and functional/situational approach with grammar instruction. It is designed to extend students' grounding in the skills they need to understand and use Indonesian in a range of everyday, non-specialist contexts such as sightseeing, seeking directions, evaluating people, places and things etc. Use is made of different media including audiovisual material and computer-aided language learning. Class time is divided between interactive language work, linguistic reflection and further acculturation into Indonesian culture and society.

INDO215 In country language study

Autumn Wollongong On Campus
Spring Wollongong On Campus
Credit Points: 8
Pre-requisites: 12 cps Indonesian at 100 level or HSC Indonesian or equivalent
Co-requisite: None
Exclusions:
Subject Description: This subject provides specified credit at 200-level in an area of Indonesian language, literature or civilisation undertaken at a Indonesian university and approved in advance by the Convenor of Indonesian.

INDO251 Indonesian Language 2A Intermediate

Autumn Wollongong On Campus
Credit Points: 8
Pre-requisites: INDO152 or HSC Indonesian or equivalent knowledge
Co-requisite: None
Exclusions:
Subject Description: INDO251 Indonesian Language 2A Intermediate consolidates and extends the linguistic and cultural skills gained in the beginners' level. Proficiency will be developed in all four of the macro-skills: listening, speaking, reading, and writing. The subject covers topics such as campus life, popular culture career planning, social issues and aspects of Indonesian cultural traditions. A focus on linguistic structures helps to extend students' understanding of Indonesian grammar. Students will make use of interactive exercises in Indonesian, linguistic analysis and comparison between English and Indonesian, as well as extensive out-of-class practice exercises, both oral and written, to develop their proficiency in Indonesian. Along with the formal register, this subject will also Introduce some aspects of the informal and colloquial registers. Students from Malaysia or with native speaker competency will enrol in INDO351.

INDO252 Intermediate Indonesian 2B

Spring Wollongong On Campus
Credit Points: 8
Pre-requisites: INDO251
Co-requisite: None
Exclusions:
Subject Description: INDO252 consolidates and extends the intermediate fluency in Indonesian which students acquired in INDO 251. This subject will develop all four macro-skills: Listening, speaking, reading, and writing. The subject covers topics focusing on such experiences as part-time work, personal relationships, and the use of computer technology as a communication tool. This subject allows students to explore and analyse the context of communication skills within the Indonesian language and its culture. Students will extend their knowledge of Indonesian by identifying, analysing and evaluating,diverse aspects of the Indonesian language including its vocabulary and sentence structures in formal, informal and colloquial registers. Class time is divided between interactive language work, linguistic reflection and the discussion of issues relating to Indonesian culture and society. Students with native speaker compitency will enrol in INDO351 or INDO352.

INDO351 Advanced Indonesian 3A

Autumn Wollongong On Campus
Credit Points: 8
Pre-requisites: INDO252
Co-requisite: None
Exclusions:
Subject Description: INDO351 Advanced Indonesian 3A is designed to consolidate and extend the fluency in Indonesian that students have acquired at the intermediate level. Advanced grammar and language usage will be learnt and practised using exercises that focus on effective listening, speaking, reading and writing strategies. Cultural topics will include the internet, the environment, popular culture (songs, poetry, film, magazines), religion in Indonesia, and a range of 21st century societal issues. This subject allows students to explore and examine the context of communication within the Indonesian language and its culture. Using authentic materials such as online newspapers, students will identify and analyse aspects of the Indonesian language including its vocabulary and structures and develop their ability to understand formal, literary Indonesian as well as extending their knowledge of informal and colloquial registers. Class time is divided between interactive language work, linguistic reflection and the discussion of issues relating to Indonesian culture and society. Students with native speaker competency may enrol in this subject.

INDO352 Advanced Indonesian 3B

Spring Wollongong On Campus
Credit Points: 8
Pre-requisites: INDO351
Co-requisite: None
Exclusions:
Subject Description: INDO352 Advanced Indonesian 3B is designed to consolidate and extend students' fluency in Indonesian acquired in INDO351. This subject allows students to explore and examine the context of contemporary issues and understand Indonesia's rapidly changing contemporary culture. Using authentic materials such as newspapers and magazines (online or print forms), students will identify and analyse aspects of the Indonesian language including its vocabulary and structures and develop their ability to understand formal, literary Indonesian. Students with native speaker competency may enrol in this subject.

INDS130 Indigenous Knowledges: A Global Perspective

Spring Batemans Bay On Campus
Spring Bega On Campus
Spring Shoalhaven On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: INDS130 provides a comparative analysis of Indigenous peoples from Australia and from other nations addressing the continuity of Indigenous ways of understanding. The concepts of knowledge and knowledge systems are explored with a focus on how Indigenous populations understand themselves in the physical world and how this translates into social and cultural practice. This subject looks at knowledge in relation to land, water and sky and the way in which knowledge is applied in traditional and contemporary modes. INDS130 also considers how knowledge is reproduced and represented in various forms including storytelling and art.

INDS150 Introduction to Indigenous Australia

Autumn Batemans Bay On Campus
Autumn Bega On Campus
Autumn Shoalhaven On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions: ABST150
Subject Description: The interaction between the oldest living cultural tradition on Earth, and the ongoing results of the colonial process, are the focus of this subject. Lectures and tutorials provide local and international students with an introduction to the cultures and histories of Aboriginal Australia, and some current issues, through the key concepts of colonisation and resistance. The contrast between Indigenous knowledge systems and dominant Western worldviews is a critical theme.

INDS200 Identity, History and Resilience

Spring Batemans Bay On Campus
Spring Bega On Campus
Spring Shoalhaven On Campus
Credit Points: 8
Pre-requisites: ABST150 plus 30 credit points at 100 Level or INDS150 plus 30 credit points at 100 Level
Co-requisite: None
Exclusions: ABST200
Subject Description: This subject focuses on the themes of identity, history and contested knowledge as these relate to Indigenous people in Australia. The concept of identity is examined in relation to the theoretical framework of 'identity and difference'. Current debates about history and historiography are examined. The subject looks at government policies throughout the nineteenth and twentieth century and considers current issues of Indigenous rights and reconciliation. ABST 200 also considers the contestation of knowledge by Indigenous people and how this process reconstructs identities, histories and knowledge according to more relevant frames of reference.

INDS201 Redefining Eden: Indigenous Peoples and the Environment

Autumn Batemans Bay On Campus
Autumn Bega On Campus
Autumn Shoalhaven On Campus
Credit Points: 8
Pre-requisites: 36 credit points
Co-requisite: None
Exclusions: ABST201
Subject Description: This subject examines the relationships between Indigenous knowledge, customary laws and social organisation, and the Western science of ecology, in contemporary strategies for natural resource use by Indigenous peoples. Interactions between Indigenous resource systems and Western approaches to conservation and natural resource management will be examined, as well as the links between environmental impacts, policy processes and property regimes.

INDS202 Indigenous Self-Representation in Contemporary Texts

Spring Wollongong On Campus
Credit Points: 8
Pre-requisites: 36 credit points including either ABST150, INDS150, SMAC100 or 6 credit points in any of ENGL, CREA or CCS
Co-requisite: None
Exclusions: ABST202
Subject Description: This subject introduces students to a range of texts that represent Indigenous people. Students will examine fiction, poetry, children's literature, feature film, short films and work for theatre . They will be introduced to the concept of 'genre' and will explore the ways that different texts be used to effectively represent the broad spectrum of Indigenous experience in contemporary times. Through these texts, students will learn about various aspects of Indigenous culture and identity as well as the importance of self-representation for Aboriginal people.

INDS300 Indigenous Peoples and Decolonisation: Global Perspectives

Autumn Batemans Bay On Campus
Autumn Bega On Campus
Autumn Shoalhaven On Campus
Credit Points: 8
Pre-requisites: ABST200 plus 16 credit points at 200 level or INDS200 plus 16 credit points at 200 level
Co-requisite: None
Exclusions: ABST300
Subject Description: This subject introduces students to various practical and theoretical approaches to decolonisation by a broad range of thinkers, writers, and practitioners. Students will study theories from a variety of colonial situations, and will formulate an understanding of decolonising practices in Australia, as well as in a more global context. INDS300 considers decolonisation from the standpoint of education, psychology, representation in visual art (photography), poetry, religion and science, among other perspectives.

INDS301 Indigenous Youth and Cultural Production

Spring Wollongong On Campus
Credit Points: 8
Pre-requisites: INDS150+16cp at 200 level or ABST150+16cp at 200 level
Co-requisite: None
Exclusions:
Subject Description: NDS301 introduces students to the relationship between Indigenous identity, self-representation and cultural production. It explores various areas of Indigenous youth activity in popular culture. The subject draws from Indigenous feature film, literature, social networking sites and music, specifically rap and hip hop.

INDS350 Special Topic in Indigenous Studies

Autumn Wollongong On Campus
Spring Wollongong On Campus
Credit Points: 8
Pre-requisites: Credit average in ABST or INDS subjects and approval of Head of Unit.
Co-requisite: None
Exclusions: ABST350
Subject Description: This is a reading, or reading and research, subject offered under the direct supervision of one or more members of Indigenous Studies staff. Topics for this subject may be chosen from any area of Indigenous Studies which the Head of Program considers to be of suitable substance and level. As this subject is only offered depending on the availability of supervisory staff, students must consult with the Head of Program before enrolling.

INDS470 Indigenous Studies Honours

Autumn Wollongong On Campus
Spring Wollongong On Campus
Credit Points: 12
Pre-requisites: Major in Aboriginal or Indigenous Studies with a distinction average.
Co-requisite: None
Exclusions:
Subject Description: INDS470 will examine key issues in the research of Indigenous Peoples and is an exploration of theoretical and methodological literature through reading, discussion and writing. Lectures and seminars will cover Indigenous knowledge, ethics of research and ownership of intellectual property, Indigenous histories, governance and community. The subject draws on interdisciplinary perspectives and explores applied Indigenous research topics.

INDS472 Joint Honours in Indigenous Studies and Another Discipline

Autumn Wollongong On Campus
Spring Wollongong On Campus
Credit Points: 12
Pre-requisites: Major in Aboriginal or Indigenous Studies with a distinction average.
Co-requisite: None
Exclusions:
Subject Description: INDS472 will examine key issues in the research of Indigenous Peoples and is an exploration of theoretical and methodological literature through reading, discussion and writing. Lectures and seminars will cover Indigenous knowledge, ethics of research and ownership of intellectual property, Indigenous histories, governance and community. The subject draws on interdisciplinary perspectives and explores applied Indigenous research topics.

INFO001 Industry Experience

Autumn Wollongong On Campus
Spring Wollongong On Campus
Credit Points: 0
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: The subject will provide all Informatics students with the opportunity to record approved work placements that have been undertaken by students at any stage of their undergraduate degree. Industry experience is a major factor in developing market readiness of the undergraduate. This subject will allow students who have participated in work placements to have it recorded on their academic record.

INFO202 Project

Not on offer in 2013
Credit Points: 6
Pre-requisites: CSCI124 and ECTE182
Co-requisite: None
Exclusions: ECTE250
Subject Description: This subject consists of a structured team design activity covering the first four phases of the design cycle for a web-based or IT product. Student teams will undertake the entire project using staff as 'costed' advisors. The team activity will be supplemented by lectures covering such areas as: language and communications; teamwork; an introduction to key project management design and development activities, including management concepts and tools to enable IT professionals to effectively manage the design and development aspects of both a project and its associated activities.

INFO303 Advanced Project

Not on offer in 2013
Credit Points: 12
Pre-requisites: INFO202, and WAM > 70 in level 200 subjects
Co-requisite: None
Exclusions:
Subject Description: This subject provides an opportunity for more capable students to do a group multi-disciplinary project in an area related to internet science and technology. It will allow students to learn how to communicate with one another and work in teams, as a collaborative executive in a large internet related project.

INFO401 Mathematics and Finance Honours Project

Annual Wollongong On Campus
Spring2013/Autumn2014 Wollongong On Campus
Credit Points: 12
Pre-requisites: WAM greater than or equal to 67.5 after completing 144 cp of the course.
Co-requisite: None
Exclusions:
Subject Description: This is a project conducted under the supervision of one or more relevant members of academic staff. The topic of the work is determined jointly by the student and supervisor.

INFO402 Mathematics and Economics Honours Project

Annual Wollongong On Campus
Spring2013/Autumn2014 Wollongong On Campus
Credit Points: 12
Pre-requisites: WAM greater than or equal to 67.5 after completing 144 cp of the course.
Co-requisite: None
Exclusions:
Subject Description: This is a project conducted under the supervision of one or more relevant members of academic staff. The topic of the work is determined jointly by the student and supervisor.

INFO411 Data Mining and Knowledge Discovery

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: 36 cp (Knowledge of mathematical and statistical notation at an introductory level.)
Co-requisite: None
Exclusions:
Subject Description: Introduction to Data Mining and Knowledge Discovery, Data Bases and Warehouses, Data Structures, Exploratory Data Analysis Techniques, Association Rules, Artificial Neural Networks, Tree Based Methods, Clustering and Classification Methods, Regression Methods, Overfitting and Inferential Issues, Use of Data Mining packages.

INFO412 Mathematics for Cryptography

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: Logic: informal propositional logic, circuit theory. Natural Deduction style proofs in propositional & predicate logic. Interpretations & Models. Nonclassical logics. Number Theory: elementary number theory, modular exponentiation, discrete logarithms, Galois arithmetic & polynomials, error correcting codes & cryptography. Elliptic curves, groups for cryptography. Combinatorics: combinatorial probability, Knapsack problem, network and graph theory, combinatorial designs, game theory & linear programming applied to cryptography.

INFO433 Pattern Recognition

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: 24 Credit points of CSCI subjects at 300 level
Co-requisite: None
Exclusions:
Subject Description: This subject is designed to equip the student with an understanding of the fundamental tools required to analyse, design and implement pattern analysis and recognition systems. After a review of mathematical foundations the subject introduces data clustering, the statistical Bayesian decision theory, parameter estimation (Bayesian and maximum likelihood), linear discriminant functions, supervised and unsupervised learning.

INSR201 Principles and Practices of Risk Management

Not on offer in 2013
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: Risk Management is considered to be the cornerstone of modern insurance and to some extent business practice. This course provides students with a comprehensive understanding of the economics of insurance from both a consumer and industry perspective. The course explores the need for life, non-life, health insurance along with the types of policies, principles of rate making, underwriting. The course also examines risk management for commercial property and liability exposures. The final part of the course covers the various methods used to manage the operational risks which include loss forecasting, risk communication and hedging.

INSR204 Life Insurance

Not on offer in 2013
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: This course focuses primarily on life and health insurance coverage and in doing so covers the different products available and their pricing. The course is intended to discuss life insurance from both the viewpoints of a financial adviser and insurance company as well as the buyer. The course explains each type of life and health insurance product in detail in relation to its suitability for different buyers and the regulation attached to each

contract. The course also covers life insurance planning largely for retirement which is very important for a country such as the UAE where the bulk of the population are expatriates with no corporate pension schemes. The course also discusses employee and group benefit programmes which are very popular with large companies especially those operating in large free zones such as DIC, DMC and Jebel Ali. The third part of this course examines the operation and management of life insurance business especially with relation to life insurance reporting.

INSR206 Non Life Insurance

Not on offer in 2013
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: This covers seeks to ensure that students have a broad understanding of all aspects of non-life insurance. The course covers three very distinct but inter-related strands namely types of non-life insurance business, insurance broking and financial planning. In the case of non-life insurance the course seeks to explain the market for each type of non-life insurance and explain the different types of products available and how they are priced. IN the case of insurance broking the course seeks to offer an introduction on how an insurance brokerage conducts its business. In doing so it allows students to familarise themselves with an important distribution channel. Finally, the course deals with investment planning which is now a growing activity within the insurance market as investment and insurance products are sold simultaneously.

INTR100 Careers Internship

Autumn Wollongong On Campus
Winter Wollongong On Campus
Spring Wollongong On Campus
Credit Points: 0
Pre-requisites: 24cps
Co-requisite: None
Exclusions:
Subject Description: This subject prepares students from any discipline to undertake a workplace experience which connects with that discipline. Once students complete subject requirements (the Internship Ready Workshop Series and submit all related documentation) they are eligible to receive liability coverage and may participate in workplace learning programs provided by units across the university, or source their own internship external to the university.

INTS100 Introduction to International Studies

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: The subject introduces students to history in international studies (IS). Students develop a basic appreciation of different disciplinary approaches to IS and explore how values and ideology within such approaches lead to different understandings. Topics covered include aspects of IS (e.g.international conflict, social political and economic development, ethnicity, migration and labour), orientalism, post colonalism, as well as the nature, roles and limits of international organisations.

INTS120 Shaping the Twentieth Century

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: What are the forces that have shaped the twentieth century? This subject examines that question from a historical perspective by looking at history since 1900 from a world, rather than a national, perspective. The relationships between countries and regions are the subject's core theme. Case studies are used to illustrate the core theme and these include globalisation, conflict, human rights, environmental issues, ideologies, terrorism and politics. Case studies will vary from year to year.

INTS222 Advanced International Studies

Autumn Wollongong On Campus
Credit Points: 8
Pre-requisites: 6cp of INTS or 6cp of POL
Co-requisite: None
Exclusions:
Subject Description: This subject is designed to consolidate and build on what students have learned in INTS100 - Introduction to International Studies in order to develop student's skills in interdisciplinary research and practice. The first part of the subject explores the development of post-World War Two political, economic and social structurs introducing students to some key theoretical perspectives in the process. The second part of the subject offers students the opportunity to explore a range of key contemporary challenges through an interdisciplinary lens. These will include issues as diverse as: globalisation, economic development and aid, and the role of supra-national bodies and issues of global governance, labour and migration and food security. Here students will be expected to apply a range of theoretical and methodological approaches derived from politics, International Relations, History and Sociology.

INTS225 International Relations: Issues, Concepts and Theories

Not on offer in 2013
Credit Points: 8
Pre-requisites: 36cp including INTS100 and INTS121 or POL121
Co-requisite: None
Exclusions: POL225
Subject Description: Provides an introduction to the study of International Relations. The realities, practice and study of international relations change as new challenges to security, state sovereignty and governance arise, and new opportunities for communication, co-operation and exchange. The United Nations' and other international organisations' roles, structures and operations are being tested, sometimes reformed. Concepts and theories used to explain and shape international relations are examined for relevance in a globalising age. Issues addressed include conflict and peace, formal diplomacy and non-state actors, migration, trade, and aid, indebtedness, and other relations between industrialised and developing countries. Realist, idealist, constructivist, feminist, critical and other perspectives are examined for relevant insights.

INTS300 Senior Seminar in International Studies

Not on offer in 2013
Credit Points: 8
Pre-requisites: 28cp of INTS subjects
Co-requisite: None
Exclusions:
Subject Description: The subject draws together the international studies degree. The students will share the different disciplinary approaches from their themed IS strands and discuss issues and problems in analysis of international studies. It will give students a superior capacity to consider both the broad analytical issues in IS, and the limits and insights of their particular disciplinary strengths. Students will be able undertake a major research project (in the form of a research essay, report or submission to a public enquiry) which will enable them to apply their understanding of theoretical, methodological and conceptual issues to a 'real world' issue or problem.

INTS310 Human Security, Global Capitalism and the Environment

Autumn Wollongong On Campus
Credit Points: 8
Pre-requisites: 36cp
Co-requisite: None
Exclusions:
Subject Description: This course investigates issues of human security and global capitalism in relation to pressing environmental challenges of the 21st century. Major topics investigated include but are not limited to the emergence of a global market civilization premised upon economic growth, key environmental challenges of the 21st century that threaten human well-being, resource conflicts, the politics and science of global climate change, peak energy/resources and the future of global capitalism.

INTS330 Gender and Political Violence

Spring Wollongong On Campus
Credit Points: 8
Pre-requisites: 36cp
Co-requisite: None
Exclusions:
Subject Description: Violence (both discursive and direct/physical) seems to be at the heart of much of the recent work within international relations. Terrorism and suicide bombings, anti-state rebel movements, religious and ethnic riots, mass rape, and genocide are all examples of extreme forms of violence that have left those in the field of international relations reeling and trying to make sense of. In this course we use gender lenses to make sense of political violence in its various manifestations. Gender is an analytical category that helps us understand and deconstruct how actors (as perpetrators, planners and patrons of political violence) within the international system are socially constructed (as feminine and masculine) and how power is vested in some over others.

INTS399 International Studies in Practice

Autumn Wollongong On Campus
Spring Wollongong On Campus
Credit Points: 8
Pre-requisites: 24cp INTS subjects
Co-requisite: None
Exclusions:
Subject Description: In this subject, students will be offered the opportunity of practical engagement with the international community. Students will meet the requirements of the subject in one of four ways: by receiving specified credit for an approved subject or subjects while undertaking a session of study abroad; by enrolling in a short course (eg. language acquisition, cross cultural communication) at one of UoW's exchange partners; by undertaking an internship in an organisation or firm with international activities, clients or objectives; by undertaking a directed study of readings if the student is unable to participate in study abroad or do an internship for health, family or other reasons.

ISIT100 Systems Analysis

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions: BUSS211
Subject Description: This subject aims to introduce the student to the techniques and technologies of structured systems analysis. It examines the complementary roles of systems analysts, clients and users in life cycle development methods. Data flow analysis and process descriptions are introduced and the relation to object orientation examined. The student will make use of a Computer Aided Software Engineering (CASE) tool to document solutions to typical problems.

ISIT102 Information Systems

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions: CSCI102
Subject Description: This subject will have 3 integrated strands: a) an overview of all the major Information Systems found in a typical business b) an introduction to essay and report writing at University level c) laboratory exercises to develop skills with office automation tools (e.g. Word, Excel, Access). Strand a) covers systems such as finance, HR, payroll, inventory, sales, CRM, SCM, ERP etc. It also introduces the Systems Development Lifecycle, several systems analysis and design techniques, and basic database concepts.

ISIT105 Communications and Networks

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions: IACT202
Subject Description: This subject will introduce the concept of networks and the Internet. Topics covered include: different types of data and the history of data communications; signals, modulation and multiplexing; switching technologies and routing; network architectures: LANS, WANs and the Internet; Internet services, multimedia services, broadband services and Internet protocols; emerging technologies: optical and wireless networks.

ISIT111 Programming Concepts

Autumn Wollongong On Campus
Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions: Not to count with: BUSS111 OR CSCI114
Subject Description: The broad aim of this subject is to develop in students an understanding of the fundamental

principles of programming as well as to develop skills in the design and implementation of well structured algorithms to a range of classical, business computing problems.

ISIT112 Database

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions: BUSS212
Subject Description: This subject aims to provide a concise and modern treatment of introductory database topics that are useful for information systems professionals. The goal of this subject is to learn the fundamental database concepts including conceptual data modelling, the relational data model and relational algebra and develop skills in the design and manipulation of relational databases using Structured Query Language (SQL). The subject will also briefly introduce advanced database concepts and emerging database technologies.

ISIT114 Object Oriented Programming

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: BUSS111 or CSCI111 or CSCI114 or ISIT111
Co-requisite: None
Exclusions: BUSS214 & CSCI124
Subject Description: The aims of this subject are to consolidate and extend student's knowledge and skills in structured programming and to introduce them to the concepts and practice of object oriented programming. To achieve this aim the subject will provide students with an opportunity to develop further programming skills and good coding style; develop skills in using the object-oriented concepts of inheritance, encapsulation, construction, access control, overloading and messaging; develop and display competency in the design and implementation of object-oriented programs to solve business problems.

ISIT200 Industry Placement

Autumn Wollongong On Campus
Spring Wollongong On Campus
Credit Points: 0
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: Industry placement should: 1. provide students with the opportunity to gain significant exposure to the industry environment and develop a significant appreciation and understanding of the various activities that are associated with the ICT industry; 2. enable students to participate in a hands-on learning experience in real-time industry situations; 3. allow students to observe, and where possible, engage in a practical project or task, in order for them to apply and challenge their knowledge and skills in design, development and problem solving; 4. expose students to industry networks and career opportunities that are available to them as they further their studies and instill confidence in their ability to be able to participate in the workforce in roles that require the inherent traits of motivation, responsibility, sound decision making and effective communication across cultures; and 5. satisfy requirements for the degree by professional bodies such as ACS.

ISIT201 Information and Communication Security

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: 24cp @100 level ISIT, BUSS, CSCI, ECTE
Co-requisite: None
Exclusions: IACT301
Subject Description: This subject provides students with a real-world approach to Information and Communication Security Issues. Both managerial and technical aspects are addressed. The subject will cover the need for security, professional and regulatory considerations, security technology, physical security, information security, and personnel issues. Students will be required to engage in problem solving activities that apply the principles learned in the subject, and will also be required to acquire knowledge of current practice and technologies.

ISIT203 Social Informatics and the Workplace

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: 24cp @100 level ISIT, BUSS, CSCI or (for 2010) IACT201& IACT202 (or ISIT105)
Co-requisite: None
Exclusions: IACT303
Subject Description: The impact of IT in the workplace extends far beyond the computer. This subject explores the issues of employee monitoring, outsourcing and business practices, equality and ethics, from the perspectives of employer and employee. From real world examples, this subject draws on current issues in these areas to enable students to explore issues that are likely to be faced upon entering employment.

ISIT204 Principles of eBusiness

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: 24cp @100 level ISIT, BUSS, CSCI
Co-requisite: None
Exclusions: IACT304, MGMT200
Subject Description: This subject aims to provide students with an understanding of eBusiness fundamentals. Today most businesses compete in a global environment and a sound strategy for online business is essential to facilitate this. This subject covers key areas of eBusiness, including: business-to-consumer, business-to-business and business-to-government electronic commerce (EC); online business models and electronic payment systems (EPS) and EC technology basics. Standards, regulation and policy, security and social and economic issues will also be considered in the contexts of business Intranets, Extranets and the Internet. The subject also provides an introduction to the 'Patterns for eBusiness' approach to eBusiness analysis and design.

ISIT205 Social Impact of Technology

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: 24cp @100 level ISIT, BUSS, CSCI
Co-requisite: None
Exclusions:
Subject Description: The subject will address the social impact of technologies related to individuals in a home, university and social environment. The issues of social impact will draw from the following areas: social networking, intellectual property, privacy, security and social vices. Students will learn to critically argue the role of technology in society.

ISIT206 Web Technologies

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: ISIT111 or CSCI114
Co-requisite: None
Exclusions: CSCI110
Subject Description: This subject introduces students to fundamental web technologies such as HTTP, markup languages, XML,and client-side scripting. The subject teaches students how to use some of these technologies to develop static and dynamic web pages with an emphasis on client-side scripts. The subject explains the differences between client-side and server-side Web development, and shows students how to build simple applications using scripting and other tools. The subject also covers current Web "standards" and future W3C recommendations.

ISIT207 Web Programming I

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: ISIT114 or CSCI124
Co-requisite: None
Exclusions:
Subject Description: The subject provides students with a practical knowledge of web programming concepts and techniques and user interface design techniques used in the creation of dynamic web sites. The subject will provide students with an opportunity to develop an understanding of the principles of client and server-based scripts as well as user-interface constructs. Students will also be able to apply these principles. The subject provides an in-depth look at the object-oriented features of web programming. Students will have exposure to appropriate software development tools to complete a data cycle of input data -store data -output data via the web.

ISIT208 Strategic Systems Management

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: 24cp @100 level ISIT, BUSS, CSCI
Co-requisite: None
Exclusions: BUSS308
Subject Description: Students will be introduced to the processes involved in managing information systems in the contemporary business environment. Students will gain an appreciation of the issues surrounding the strategy and planning of information systems; the strategic, tactical and operational roles of the Chief Information Officer (CIO); the alignment between information systems and business; policy and practice; technology diffusion; operational management; major trends impacting information systems management and how to asses the value of information systems.

ISIT212 Corporate Network Planning and Design

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: ISIT105 or IACT202
Co-requisite: None
Exclusions: BUSS312
Subject Description: The systematic design of networks includes requirements gathering, requirements analysis, the development of logical design and the conversion of the logical design to a physical design. The use of architectures will provide students with a high level framework that consists of addressing and routing, performance characteristics, security and network management. The subject will teach students to relate this framework to basic data communication techniques developed in previous subjects as well extend their knowledge of addressing and routing and performance characteristics.

ISIT218 Systems Design and Human Computer Interaction

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: ISIT100 or BUSS211
Co-requisite: None
Exclusions: BUSS218
Subject Description: This subject extends systems analysis and introduces the student to the techniques and technologies of structured systems design and object oriented systems design in the post-analysis stages of the Systems Development Life Cycle. It examines the complementary roles of systems analysts, designers, clients and users in traditional Systems Development Life Cycle and Object Oriented development methods. Process and Object methods and models are extended to cover systems design and implementation. Program design is placed in the context of systems design. The student will make use of a Computer Aided Software Engineering (CASE) tool to document design solutions to typical problems.

ISIT301 Professional Practice & Ethics

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: 24cp @200 level
Co-requisite: None
Exclusions: IACT201
Subject Description: This subject covers the body of ideas and commonly held principles that broadly apply to ethical behaviour in the information technology environment. ISIT301 will examine the social and ethical implications of information technologies as they apply to citizens and information technology professionals. It will present legal, regulatory, social and ethical perspectives on the use of such technologies through topics of intellectual property, privacy, networking, security, reliability. The inclusion of a professional ethics is to prepare students for careers in the information technology industry. The extent to which technological advancements have altered societal expectations is also examined.

ISIT302 Corporate Network Management

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: ISIT105 or IACT202
Co-requisite: None
Exclusions: IACT302
Subject Description: This subject presents the operational, tactical and strategic issues involved in corporate network management (NM). The subject will introduce a number of NM models e.g. FCAPS, OAMP etc., and use one of these models to systematically cover the management of: physical components, staff in a network centre, network configuration, user accounts, network performance, security, faults and disasters. The subject also covers concepts such as NM protocols, service level agreements, network integration and the impact of government regulations on NM. These concepts will be reinforced by a series of hands on exercises including using basic network management tools (including scripting).

ISIT306 Strategic eBusiness Solutions
Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: 24cp @200 level ISIT
Co-requisite: None
Exclusions:
Subject Description: This subject aims to provide students with an understanding of how to design integrated solutions for eBusiness using a pattern-oriented approach. Enterprises, both large and small, as well as government institutions, are increasingly becoming reliant upon eBusiness infrastructure. Knowing the strategic business and technology principles and practices related to the design process is becoming increasingly important for a given organisation. This subject will cover business scenarios including electronic data interchange (EDI), supply chain management (SCM), enterprise application integration (EAI), customer relationship management (CRM), sales force automation (SFA); and knowledge management systems (KM).

ISIT307 Web Programming II
Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: ISIT207
Co-requisite: None
Exclusions:
Subject Description: The subject aims to integrate the previous knowledge which students have gained through subjects on web technologies, web programming and databases to create real-world web applications like shopping carts or advanced form processing systems etc. It also introduces students to open-source programming languages in web development so that they can inexpensively develop sophisticated web applications. Students will become familiar with the integration of programming, databases, web-applications, and structural and object oriented programming.

ISIT311 Database Management Systems
Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: ISIT112 plus 6 cp of ISIT @200-level OR BUSS212
Co-requisite: None
Exclusions: BUSS311
Subject Description: This subject covers advanced database topics including but not limited to: business intelligence and analytical processing; scorecards and dashboards; data quality and managing data change; data warehousing and data mining; data analysis and data integration; time series data; and the use of data across the Web. Discussion and hands on exercises related to these topics will equip students to meet the challenges in database management and the use and development of advanced database applications. Students will be presented with opportunities to do hands-on work with appropriate commercial tools.

ISIT313 Corporate Responsibility and IT
Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: 12cp of 200-level ISIT subjects or (for 2010) 12cp of 200-level CSCI or IACT
Co-requisite: None
Exclusions: ITCS301
Subject Description: IT impacts all the ways business now operates. This subject explores the issues faced by businesses interacting via IT and the responsibilities this places on them. Topics will include: business practices, data sharing, supply chain management and legal compliance. Drawing on expertise provided by the business community, students develop an understanding of the current ethical and legal issues facing business, government and not-for-profit sectors

ISIT315 Web Modelling
Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: ISIT206 or ISIT207
Co-requisite: None
Exclusions: BUSS315
Subject Description: The subject explores current and future web modelling technologies and the design, development and management of web-based systems. The appropriate application environments, knowledge acquisition and representation schemes are examined along with their relationship to contemporary web-based systems.

ISIT318 Information Systems Project
Annual Wollongong On Campus
Credit Points: 12
Pre-requisites: ISIT100 & ISIT112 & ISIT218 or BUSS211 & BUSS212 & BUSS218
Co-requisite: None
Exclusions: BUSS318
Subject Description: This subject aims to provide students with: practical experience in the principles and techniques of project management; experience in the design of a real world project involving IS techniques; and practical experience in team work and project management skill development.

ISIT326 Social Policy and IT
Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: 12cp of 200-level ISIT subjects
Co-requisite: None
Exclusions: BUSS313, ITCS301
Subject Description: The use of IT is now so pervasive in society that governments must develop policies to cover personal, business and government use. This subject explores the issues of: security and privacy; the use of technology by government, the policy life cycle and the digital divide.

ISIT332 Business Process Management
Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: ISIT204 or IACT304
Co-requisite: None
Exclusions:
Subject Description: Business process management (BPM) combines a process-centric and cross-functional approach to improving how organizations achieve their business goals. A BPM solution makes use of IT to model, automate, manage and optimize business processes to increase productivity. Within this subject students learn important process-centric issues in business system design and implementation. Focus will be placed on both business and technical perspectives of BPM. Topics covered include: Basic business process concepts; Business process modelling; Business process outsourcing; Business process re-engineering; Business process improvement; Workflow and business process automation; Business process management and service-oriented architecture.

ISIT351 Information Technology Project
Annual Wollongong On Campus
Credit Points: 12
Pre-requisites: ISIT218 and 18cp of 200 level subjects
Co-requisite: None
Exclusions:
Subject Description: This subject is a group project, conducted under the supervision of an academic staff member(s). Staff members will propose real-world IT projects ranging from the selection and implementation of IT to the development and implementation of software systems. Involves: project planning, group coordination, seminars and individual presentations, research of proposed application domain, preparation of reports and, depending on the project, various system development methodologies. Students will form teams, each of which will design, implement and document a solution to one of the proposed projects. Teams will meet weekly with supervisors to discuss progress and problems.

ISIT391 Special Topics in IS & IT A
Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions: BUSS391
Subject Description: In this subject students will undertake a study of research methods or other topic of current interest in Information Systems. Its purpose is to give final year students an opportunity to explore in depth, a current and advanced topics in Information Systems and/or Information Technology.

ISIT392 Special Topics in IS & IT B
Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: This subject aims to provide the student with an understanding of topics at the forefront of the discipline. Topics will be selected from areas of interest of staff members or visiting staff members to the School. These will include topics in the application of information and communication technology.

ISIT401 Information Systems Strategic Planning
Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: 24cp @ 300 level
Co-requisite: None
Exclusions: IACT901, IACT401, IACT402
Subject Description: The subject is essentially about the application of technology for competitive advantage. Throughout the subject, the spotlight will be trained on techniques and frameworks for 'thinking strategically about a company's technological orientation'. A wide spectrum of business and technology issues will be covered that address the problems and issues surrounding the analysis and development of an IT strategic plan.

ISIT403 Enterprise Architecture Design
Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: 24cp of 300 level
Co-requisite: None
Exclusions:
Subject Description: The principle purpose of architecture is to translate strategy into infrastructure. An architecture provides a blueprint for translating business strategy into a plan for IS. An infrastructure is everything that supports the flow and processing of information in an organisation, including hardware, software, data, network components and their supporting staff and facilities from the application level to the inter-organisational level. This subject includes an exploration of enterprise architecture concepts, case studies and frameworks.

ISIT404 Systems Integration
Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: 24cp @ 300 level
Co-requisite: None
Exclusions:
Subject Description: This subject aims to provide students with a broad knowledge of integrating individual disparate information system into a seamless enterprise information system. The subject will examine system integration in various perspectives from social, corporate to technical solutions. The students will also study system integration in the context of middleware models, tools and techniques. The student will learn to implement system integration solutions by identifying sources of data, mapping information, selecting and applying appropriate technology for integrating a new enterprise information system into existing systems.

ISIT405 Technology Management and Innovation
Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: 24cp @ 300 level
Co-requisite: None
Exclusions: IACT905, ISIT905, IACT405
Subject Description: The rapid development of information technology networks has prompted governments to develop national policies to promote the growth of services in these areas. Innovation in information technology and its effective use is now seen to underpin international competitiveness. Successful innovation policies are now central to the future viability of industry and nations alike. This subject addresses key themes such as: the importance of innovation to the economy and the firm; the links between information, information technology and innovation; and, the development of effective national policies to promote industrial innovation. Issues such as the role of multinationals, transborder data flows and research and development are discussed in this context.

ISIT406 Information Design and Content Management
Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: 24cp of 300 level
Co-requisite: None
Exclusions:
Subject Description: This subject explores issues in Information Design and Content Management via a

contemporary Web and modern information modelling approach. The appropriate application environments, acquisition tools and representation schemes for Information Design and Content Management are examined along with their relationship to contemporary issues in Web technology.

ISIT408 IT Governance

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: 24cp of 300 level
Co-requisite: None
Exclusions:
Subject Description: Information Technology (IT) is pervasive in today's organisations, playing a critical role in achieving business goals and enabling lower cost structures, new levels of customer service, new products, new markets and new external stakeholders. Whereas in the past IT decisions were delegated to the IT organisation, all managers are today required of not only making better IT decisions, with confidence and competence, but also implementing and monitoring IT initiatives more effectively than their competitors. This course will explore IT governance theory and practice, including decision rights and internal control frameworks, to prepare students for the globally competitive workplace.

ISIT409 Advanced Business Process Management

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: 24 cp @ 300 level
Co-requisite: None
Exclusions: BUSS909, ISIT909
Subject Description: A process perspective helps management to avoid or reduce duplicate work, facilitate collaboration and cross-functional communication, optimise business processes, create supply chains and achieve competitive advantage. IS and IT are fundamental to business process management (BPM), business transformation, continuous process improvement and supply chain management. IS/IT management must support the organisation's management of business processes and supply chains. Focus will be placed on the IS/IT management and business management perspectives of BPM, and on the human side of the Human Computer Interface. Topics covered include: theories, concepts, methodologies, techniques and tools to manage and enable business process design, analysis, implementation, management and optimisation; Strategies, architecture and infrastructure to support business processes, supply chains and business processes management; Embedding corporate knowledge into business processes; BPM risks and issues; Basic business process analysis and modelling.

ISIT410 IT-enabled Supply Chain Management

Not on offer in 2013
Credit Points: 6
Pre-requisites: 24cp of 300 level
Co-requisite: None
Exclusions:
Subject Description: Information technology (IT) enabled supply chains are transforming the modern business landscape. Lectures in this subject will show how IT is being used to create and support operational and strategic supply chain advantages. Laboratory activities will provide hands-on knowledge of the application of enterprise software (e.g., SAP), freight audit and payment software and how radio frequency identification (RFID) is being applied in supply chains around globe.

ISIT416 Organisational Issues in Information Technology

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: 24 cp @ 300 level
Co-requisite: None
Exclusions: IACT916, ISIT916
Subject Description: This subject aims to provide the student with an understanding of issues related to the combination of management, workers and information technology. Students will gain an appreciation of the complexity of the issues involved in decision making when people and technology are concerned. Students will also develop an understanding across commerce and industry of the parallels that exist in the development, implementation and application of information and communication technology. Effect on organisational information flows of growth in size and complexity: the management and technological response; Information technology as a catalyst in codifying work procedures and creating new organisational structures; Hierarchical versus horizontal approaches to information management; Management theory and IT; Industrial use of IT and parallels with office sector usage. Implications of broadband networks for traffic integration and subsequent application in commerce and industry.

ISIT417 Business Intelligence and Knowledge Management

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: 24 cp @ 300 level
Co-requisite: None
Exclusions: IACT917, ISIT917
Subject Description: This subject focuses on strategies that promote knowledge creation and use within organisations. In total the subject enables students to gain familiarity of both quantitative and qualitative approaches to knowledge management and to develop competence in an area that is of interest to them. Student will be exposed to Business Intelligences (BI) as a contemporary strand of knowledge management practice. In addition they will be exposed to common BI methods and tools developing competence in one or more techniques. The subject also familiarises students with the literature in knowledge management to assist in critical assessment of methods and tools

ISIT429 Concepts and Issues in Healthcare Computing

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: 24 cp @ 300 level
Co-requisite: None
Exclusions: ITCS929, ISIT929
Subject Description: This subject examines the essential concepts of health computing, limitations of technology, issues of privacy and security, economics of healthcare computing, managing healthcare computing projects, evaluation methods in medical informatics, risk assessment in health informatics and the important issues involved in computer applications in healthcare.

ISIT430 Introduction to Health Informatics

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: 24 cp @ 300 level
Co-requisite: None
Exclusions: ITCS930, ITCS430
Subject Description: The subject covers clinical decision making and decision support systems and how health informatics and health information systems can assist. Topics include decision-making and decision-support systems in healthcare; knowledge engineering in health informatics, the reasons for the necessity of systematically processing data, information and knowledge in medicine and healthcare; benefits and constraints of using information and communication technology healthcare systems; patient management; primary care systems and knowledge management.

ISIT437 Information Technology Security and Risk Management

Not on offer in 2013
Credit Points: 6
Pre-requisites: 24 cp @ 300 level
Co-requisite: None
Exclusions: ITCS937, ISIT937, ITCS437
Subject Description: This subject aims to provide students with a deep understanding of the security, risk management and regulatory aspects of e-commerce facing businesses in the on-line business environment. Today most businesses compete in a global business environment; a sound business strategy that addresses these issues is essential. This subject covers key issues in e-commerce, including: security options, trusted authorities, secure payment systems for the Internet, the regulatory environment and Government policy; risk management and control.

ISIT438 eBusiness Technologies

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: 24 cp @ 300 level
Co-requisite: None
Exclusions: ITCS938, ISIT938
Subject Description: The subject explores the technology being adopted by organisations and the various means of maximising business potential using Internet technology, including eBusiness (B2B, B2C, B2G etc.). The focus of the course is from the IT professional perspective, giving the student a feel for what is required in a commercial business environment. The technology aspects will cover both developing in house software, as well as selecting 'best practice' outsourced options. Comparisons are drawn between the two adoption methods, and the student is engaged by scenario role playing as part of the group assignments.

ISIT440 IT Research Methodology

Autumn Wollongong On Campus
Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: credit average in UG ICT degree
Co-requisite: None
Exclusions: IACT451, IACT441
Subject Description: This subject will cover the following topics on IT research methodology: What is Research (Purpose of thesis components); Research Methods; Literature Review - Critical Reading, Annotated bibliography and note taking; Survey Methods; Quantitative Methodologies (Results etc); Literature Review - Structure, Writing Up and Presentation Skills Satisfactory attendance at workshops is a requirement for the successful completion of this subject as is attendance at the Postgraduate Forum, held usually during week 8 of Autumn Session

ISIT446 Project and Change Management

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: 24 cp @ 300 level
Co-requisite: None
Exclusions: BUSS953, ISIT946
Subject Description: This subject provides an introduction to, and overview of, the knowledge and skills required to successfully manage computer-based systems development projects within an organisational setting. Topics and issues considered include: Information Systems project management and its organisational context; inter-organisational arrangements for e-business including B2B and B2C frameworks, project management tools and techniques; feasibility study methods; resource estimation techniques; behaviour and management of Information Systems project groups; systems development environments for professionals and end-users; quality assurance; project and system evaluation.

ISIT450 Information Systems & Technology Research Report

Spring Wollongong On Campus
Credit Points: 18
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: This is an Honours year subject of the BIT or BBIS degree, only available to students enrolled for these honours degrees. It is a research project conducted under the supervision of academic staff in the school.

ISIT451 Web Services and Service Oriented Architecture

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: 24 cp @ 300 level
Co-requisite: None
Exclusions: ITCS951, ISIT951
Subject Description: Web Services are at the core of what is being termed the next generation of eBusiness. The term 'Web Services' refers to the set of standard protocols and associated technologies that enable software applications to communicate with each other across the Internet. To effectively exploit the potential of Web Services requires appropriate effort in the proper design of business processes and service architectures.

ISIT492 Special Topics in IS and IT B

Not on offer in 2013
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: Topics will be selected from areas of interest of staff members or visiting staff members to the School. These will include topics in the application of information and communication technology. IT is a rapidly changing area. This subject will allow investigation into topics at the forefront of the discipline.

ITAL151 Italian IA Language
Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions: LANG153 or ITAL103
Subject Description: This subject is an interactive, semi-intensive language subject. It is the entry point to the Italian major for beginners or near-beginners in Italian. No prior knowledge of the language is assumed, and progress through the syllabus is scaffolded and highly structured with the objective of bringing students to the level of an HSC Beginner level pass in one academic year. There is a dual focus on communicative and structural aspects of the language. Learning is further supported by online activities provided by the course website. Oral and written tasks are regularly assessed throughout the semester.

ITAL152 Italian IB Language
Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: ITAL151
Co-requisite: None
Exclusions:
Subject Description: This subject is an interactive, semi-intensive language subject. Some prior knowledge of the language is expected as progress through the syllabus is scaffolded and highly structured with the objective of bringing students to the level of an HSC Beginner level pass in one academic year. There is a focus on the communicative, cultural and structural aspects of the language. Learning is further supported by online activities provided by the course website. Oral and written tasks are regularly assessed throughout the semester.

ITAL215 In country language study
Autumn Wollongong On Campus
Spring Wollongong On Campus
Credit Points: 8
Pre-requisites: 12 cps Italian at 100 level or HSC Italian or equivalent
Co-requisite: None
Exclusions:
Subject Description: This subject provides specified credit at 200-level in an area of Italian language, literature or civilisation undertaken at a Italian university and approved in advance by the Convenor of Italian.

ITAL220 Italy: Past and Present
Not on offer in 2013
Credit Points: 8
Pre-requisites: 24 credit points at 100 level or approval of Italian convenor
Co-requisite: None
Exclusions: ITAL110 or EURO110
Subject Description: Italy: Past and Present examines key elements of the geography, history and society of Italy. It initially examines how geography has shaped the cultural and economic life of Italy's regions over many centuries. It then focuses on the Italian Renaissance and traces the history of the Italian state from unification (1861) to the promulgation of a new constitution in 1948. Finally the subject deals with contemporary Italy, exploring the dimensions of both continuity and change as they pertain to political, economic and social life in Italy today.

ITAL251 Italian IIA Language
Autumn Wollongong On Campus
Credit Points: 8
Pre-requisites: ITAL152
Co-requisite: None
Exclusions: EURO251 OR ITAL205 OR LANG251 OR MLCI205
Subject Description: This subject is the entry point to the Italian major for students with a sound pass in 2U HSC Italian (or equivalent), and the second year of language studies for beginners or near-beginners. In this subject language skills are developed and consolidated through the study of print, audio and video materials; current affairs; a systematic review and extension of basic grammar; listening and conversation activities; and exercises in written expression and reading comprehension. There is a focus on communicative, structural and cultural aspects of the language.

ITAL252 Italian IIB Language
Spring Wollongong On Campus
Credit Points: 8
Pre-requisites: ITAL251
Co-requisite: None
Exclusions: EURO252 OR ITAL206 OR LANG252 OR MLCI206
Subject Description: This subject continues and expands the program established in ITAL251. Language skills are developed and consolidated through the study of print, audio and video materials; current affairs; a systematic review and extension of basic grammar; listening and conversation activities; and exercises in written expression and reading comprehension. There is a focus on communicative, structural and cultural aspects of the language.

ITAL351 Italian IIIA Language
Autumn Wollongong On Campus
Credit Points: 8
Pre-requisites: ITAL252
Co-requisite: None
Exclusions: EURO351 OR ITAL305 OR LANG351 OR MLCI305
Subject Description: This subject has functional and analytical components. It aims to develop students' language proficiency and extend students' knowledge of contemporary Italian culture and society. A study is made of a wide range of styles and registers of written Italian, including literary and linguistic texts. Particular emphasis is placed on the development of spoken and written expression, awareness of current affairs and salient issues in contemporary Italy, detailed textual analysis, advanced grammar and focus and reflection on form and register.

ITAL352 Italian IIIB Language
Spring Wollongong On Campus
Credit Points: 8
Pre-requisites: ITAL351
Co-requisite: None
Exclusions: EURO352 OR ITAL306 OR LANG352 OR MLCI306
Subject Description: This subject has functional and analytical components and continues the program begun in ITAL351. It aims to develop students' language proficiency and extend students' knowledge of contemporary Italian culture and society. A study is made of a wide range of styles and registers of written Italian, including literary and linguistic texts. Particular emphasis is placed on the development of spoken and written expression, awareness of current affairs and salient issues in contemporary Italy, detailed textual analysis, advanced grammar and focus and reflection on form and register.

ITAL470 Italian Honours
Autumn Wollongong On Campus
Spring Wollongong On Campus
Credit Points: 12
Pre-requisites: A major in Italian with at least a 80% average plus 2 distinctions at 300 level subjects in Italian
Co-requisite: None
Exclusions:
Subject Description: The subject consists of a coursework seminar which reflects the specialist interests and expertise available in the program. This may include studies in, for instance, modern Italian literature, history, culture, or visual arts. Students will be offered advanced study in these specialist areas, informed by current theoretical and methodological approaches. The seminars on offer may vary from year to year, depending on staffing, and may include areas of study not listed above.

ITCS206 Markup Languages
Not on offer in 2013
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions: ITCS201
Subject Description: XML (eXtensible Markup Language) can be regarded as a language for creating other languages. In this capacity XML has rapidly become ubiquitous in very many diverse areas of IT and is now regarded as an essential core area of knowledge for every IT practitioner. The primary aims of this subject are to enable students to acquire practical proficiency in exploiting XML and to be able to explain the relevance of XML for many IT and Business contexts. In addition to being a new area of study, by studying XML students can extend or re-enforce their understanding of related study areas, e.g., the students can develop their understanding of data modelling and object-orientation (via XML schemas and XML transformations). As a secondary aim (a minor but relevant part of the subject) the subject will provide a basic practical proficiency in manipulating HTML and hence construction of elementary web pages.

JAPA101 An Introduction to Japanese
Not on offer in 2013
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions: JAPA102; JAPA103 or JAPA141
Subject Description: This subject is not part of the Japanese major, but is offered as an elective subject in the Summer Session. It is designed for students with no prior knowledge of the Japanese language. It introduces the syllabaries of Japanese, Hiragana and Katakana and survival language functions relevant to contemporary contexts. NOTE: This subject is for beginners. It cannot be taken by students who have successfully completed JAPA102/103 or any JAPA subject at 141 or above. This subject has been offered in Summer Session, but may not be offered every year. The timetable for Summer Session subjects is available on the web in October of each year.

JAPA102 Japanese Studies for Educational Purposes
Not on offer in 2013
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions: JAPA101 or JAPA103
Subject Description: This subject provides the opportunity for students in Education to become equipped to teach Japanese in primary schools. It is not part of the Japanese major, but is being offered as an elective subject in the Bachelor of Education (Primary). It is designed for students with no prior knowledge of the Japanese language. It will introduce the syllabaries of Japanese, Hiragana and Katakana and survival language functions relevant to educational contexts. It will also survey current issues in Japanese education. It is divided into language seminars and language teaching methodology lectures.

JAPA103 Japanese Studies for Business Purposes
Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions: JAPA101, JAPA102 or JAPA141
Subject Description: This subject is not part of the Japanese major. It is offered as an elective subject targeting students with an interest in the Japanese language and business culture. It is designed for students with no prior knowledge of the Japanese language. JAPA103 covers the basic Japanese syllabaries of Hiragana and Katakana, and survival language functions relevant to commercial contexts. It also surveys current issues in Japanese business. JAPA103 is divided into practical language seminars and seminars on Japanese economics and business studies.

JAPA141 Beginners' Japanese
Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions: JAPA151
Subject Description: This subject introduces the basics of Japanese language covering the pronunciation and the writing of the hiragana and katakana syllabaries and kanji (Chinese) characters, as well as basic Japanese sentence construction. A situational approach will be used, with each lesson building on vocabulary, grammar and presenting students with increasingly complex situations.

JAPA142 Transitional Japanese
Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: JAPA141, JAPA161 or equivalent. Assessed by Convenor of Japanese.
Co-requisite: None
Exclusions: JAPA152
Subject Description: The program begun in JAPA141 or JAPA161 is continued. JAPA142 aims to further develop the interrelated goals of Japanese language learning, which include communication, sociocultural skills, learning how-to-learn, language and cultural awareness, and general knowledge of Japan and Japanese.

JAPA215 In country language study
Autumn Wollongong On Campus
Credit Points: 8
Pre-requisites: 12 cps Japanese at 100 level or HSC Japanese or equivalent
Co-requisite: None
Exclusions:
Subject Description: This subject provides specified credit at 200-level in an area of Japanese language, literature or civilisation undertaken at a Japanese university and approved in advance by the Convenor of Japanese.

JAPA243 Pre-Intermediate Japanese
Not on offer in 2013
Credit Points: 8
Pre-requisites: JAPA152 or JAPA142
Co-requisite: None
Exclusions: JAPA153 or JAPA154 or JAPA143
Subject Description: JAPA243 Pre-Intermediate Japanese continues and expands the program begun in JAPA141 and continued in JAPA142. This subject is set between the beginners and the intermediate Japanese course, and aims to further develop the interrelated goals of Japanese language learning, which include communication, sociocultural skills, learning how-to-learn language, cultural awareness, and general knowledge of Japan and Japanese.

JAPA261 Intermediate Japanese I
Autumn Wollongong On Campus
Credit Points: 8
Pre-requisites: JAPA243 or JAPA162 or JAPA143 or equivalent as assessed by Convenor of Japanese.
Co-requisite: None
Exclusions:
Subject Description: This subject emphasises the development of students' communicative Japanese language skills through the introduction of intermediate level language structures. There is a special emphasis on the development of students' oral skills and using the appropriate register to reflect social context eg talking to fellow students and talking to the boss.

JAPA262 Intermediate Japanese II
Spring Wollongong On Campus
Credit Points: 8
Pre-requisites: JAPA271 OR JAPA264 or assessment by convenor of Japanese
Co-requisite: None
Exclusions:
Subject Description: This subject extends students competence in written registers. It has functional and analytical components built on the extensive use of authentic materials. It encourages students to apply their intermediate level communicative language skills for research purposes.

JAPA264 Japanese IIC Language (Wollongong)
Winter Wollongong On Campus
Credit Points: 8
Pre-requisites: JAPA261
Co-requisite: None
Exclusions: JAPA271
Subject Description: JAPA264 is a semi-intensive language subject offered during the winter session ONLY for students who have successfully completed JAPA261 and are unable to do JAPA271 (In-country Japanese Session). The subject builds on what has been achieved in Japanese language learning up to the end of JAPA261 and attempts to provide an alternative to students who cannot participate in JAPA271 for valid reasons. It is a directed intensive study subject.

JAPA271 In-country Japanese session
Winter Wollongong On Campus
Credit Points: 8
Pre-requisites: JAPA261
Co-requisite: None
Exclusions: JAPA264
Subject Description: The in-country Japanese session requires students to live with a Japanese host family in Kawasaki (Wollongong's sister city) and attend all lectures/seminars/excursions that are arranged in order to enhance both language and cultural understanding. Excursions include visits to schools, museums and concerts. Japanese classes are held at Senshu University.

JAPA310 Advanced Readings in Japanese
Spring Wollongong On Campus
Credit Points: 8
Pre-requisites: JAPA262
Co-requisite: None
Exclusions:
Subject Description: Literature offers fascinating insights into varied and often controversial aspects of culture from many different points of view. JAPA310 introduces students to modern Japanese literature using authentic material to enhance understanding of changing concepts such as nationhood, family, class and gender roles in Japanese society over time. Students will be required to read and analyse the content of a range of literary texts in Japanese. Research projects and readings in English will further expand knowledge of modern Japan.

JAPA361 Advanced Japanese I
Autumn Wollongong On Campus
Credit Points: 8
Pre-requisites: JAPA262
Co-requisite: None
Exclusions:
Subject Description: JAPA361 is an interactive, semi-intensive language subject. The subject builds on what has been achieved in Japanese language learning up to the end of JAPA 262.

JAPA362 Advanced Japanese II
Spring Wollongong On Campus
Credit Points: 8
Pre-requisites: JAPA361
Co-requisite: None
Exclusions:
Subject Description: JAPA362 is an interactive, semi-intensive language subject. The subject builds on what has been achieved in the Japanese language learning up to the end of JAPA 361.

JAPA470 Japanese Honours
Autumn Wollongong On Campus
Spring Wollongong On Campus
Credit Points: 12
Pre-requisites: A major in Japanese with at least a 80% average plus 2 distinctions at 300 level subjects in Japanese
Co-requisite: None
Exclusions:
Subject Description: The subject consists of a coursework seminar which reflects the specialist interests and expertise available in the program. This may include studies in, for instance, modern Japanese literature, history, culture, or visual arts. Students will be offered advanced study in these specialist areas, informed by current theoretical and methodological approaches. The seminars on offer may vary from year to year, depending on staffing, and may include areas of study not listed above.

JAPA851 Japanese Studies Abroad
Autumn Wollongong On Campus
Credit Points: 24
Pre-requisites: A University Bachelor degree in Japanese/Japanese Studies.
Co-requisite: None
Exclusions: JAPA551
Subject Description: This subject is the first in the Graduate Diploma in Arts (Japanese). It involves a semester of study at a Japanese University. It is open to all students who have majored in Japanese. Students will be placed into the host university's language and culture programme. In order to pass the subject, a 'pass' must be obtained in all subjects at the host institution and in a final exit test upon return to Wollongong. Students successfully completing this subject will be awarded the Graduate Diploma in Arts (Japanese). Select students with the necessary qualifications and who are interested in research in an area of Japanese studies may have the coursework carried out in Japan credited towards an Honours degree in Japanese. NOTE: This subject is available only to students enrolling on a full-time basis.

JAPA852 Japanese Studies Abroad II
Spring Wollongong On Campus
Credit Points: 24
Pre-requisites: JAPA851
Co-requisite: None
Exclusions:
Subject Description: This subject is a continuation of JAPA851 and involves a further 6 months of academic study at a Japanese university. Students will be placed into the host university's language and culture programme. The topics covered in this subject are dependent on the host university and the students' own interests.

JOUR101 Introduction to Journalism and Professional Writing
Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions: JOUR201
Subject Description: This subject has been modified to better fit the revised BCM structure. It was originally designed as a pure newswriting subject for journalism majors. It will now function as an introductory subject to journalism and newswriting suitable for all streams of the BCM. It will continue to provide important practical newswriting skills but will also situate this in a discussion of the theories and practice of news as event-based, rooted in local community and aimed at a specific audience and the role of the news ecology for different communications professionals. It will also provide an introduction to the new professional writing stream within the journalism major.

JOUR111 Introduction to Journalism
Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions: JOUR 101 or JOUR201
Subject Description: This subject builds on the companion subject JOUR112. Where JOUR112 begins by asking the question "What is journalism?" JOUR111 commences by asking the question "What is news?" This subject has a practical focus. Students are introduced to news values, the "5Ws and H" and the inverted pyramid approach to news writing. They are also introduced to fundamental news research and interviewing techniques. While the subject focuses on print news writing, students are also introduced to convergent media and blogging. Finally, students are encouraged to take pride in their work through an introduction to editing, ethics and the law - themes that are taken up in later subjects.

JOUR112 Theory Meets Practice
Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: The subject begins by posing a number of questions: 'What is journalism? And what is it that journalists actually do?' It follows up with a discussion of media theory and then moves on to consider a number of questions about news practices. These include: gatekeeping, the socialisation of journalists, framing the news, media effects and writing styles. Workshops will use contemporary and historical case studies to contextualise these issues.

JOUR113 Legal and Professional Issues for Journalists
Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: This subject begins with a discussion about journalism ethics through a range of topics, including codes of conduct and other regulatory systems, truth and the fairness principle, objectivity and balance. It then discusses a range of ethical issues that can impact on the work of journalists, including deception and fakery, confidentiality of sources, and dealing with identified groups within the community. The program then turns to in-depth analysis of the legal land-mines journalists confront. These include contempt, defamation, nuisance, trespass, sedition, obscenity, freedom of information, copyright, broadcast laws and listening devices legislation.

JOUR114 Newsroom Practice (1)
Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: JOUR 111
Co-requisite: None
Exclusions:
Subject Description: This is the first of the compulsory newsroom subjects. Students will work in a newsroom environment producing stories under the guidance of a staff editor. They will operate within a hierarchical news environment and learn to work both independently and in teams. In this environment they will be expected to

generate their own story ideas and contribute to editorial discussions. They will also be required to undertake stories allocated by the editor. Students rotate through a series of rounds that give them exposure to different forms of writing and research. While working on these rounds, they will be required to produce a range of campus-based stories. The emphasis will be on producing well-researched and balanced stories that help to inform the community within the parameters of 'professional practice'.

JOUR202 Feature Writing

Autumn Wollongong On Campus
Credit Points: 8
Pre-requisites: JOUR101 OR JOUR201
Co-requisite: None
Exclusions:
Subject Description: This subject focuses on storytelling techniques for the print media, with consideration given to ethical and legal restraints. Topics covered include: feature story introductions; feature story structures; dialogue and characterisation; scene descriptions; feature length interviews; online and conventional research; developing concepts. Different forms such as profiles; news features; how-to features; reviews and opinion essays will be covered.

JOUR205 Professional Writing 1: Writing for Organisations

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: JOUR101 OR JOUR201 OR JOUR111
Co-requisite: None
Exclusions:
Subject Description: This subject focuses on writing in an organisational context and explores the varied roles of written communication in public and private sector organisations. The subject will begin with the question of audience and the different communication strategies needed for internal and external communication. Topics and class exercises covered will include: informational writing such as FAQs and short form and long form reports and policy documents; promotional writing such as press releases and brochures and instructional writing such as how-to guides and manuals.

JOUR206 Convergent Digital Journalism

Spring Wollongong On Campus
Credit Points: 8
Pre-requisites: JOUR101
Co-requisite: None
Exclusions:
Subject Description: Convergent Digital Journalism takes the writing and reporting skills learned in JOUR101 Introduction to Journalism and Professional Writing and the online media skills learned in DIG101 New Media Communication and applies them to a series of reporting projects. The subject will explore the multiple styles of digital storytelling that are currently adopted by journalists and professional writers. Students will develop a series of web-based pieces of work.

JOUR214 Feature Writing

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: JOUR114
Co-requisite: None
Exclusions:
Subject Description: This is the second of the compulsory newsroom subjects. Students will work in the Journalism newsroom under the guidance of a staff editor. All students will undertake a range of stories, including profiles, features on current issues, commentaries and reviews. The emphasis will be on producing well-researched stories that help to inform the community.

JOUR215 Convergent Journalism (1)

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: This subject introduces students to the notion of convergent journalism. Students begin by exploring changes in journalism inspired by the development of the World Wide Web and other technologies. In the first part of the semester they will be introduced to broadcast writing and speaking - a style that differs fundamentally from print news writing. Students will also be introduced to sound recording techniques: interviewing for broadcast and learning photographic techniques for online slideshow and multimedia packages; they will learn to edit these for online publication or broadcast. Other lectures cover a range of topics, including building a blog and podcasting. They will develop and maintain a Blog, learn to Podcast and, using a combination of text and images, develop their own web-based publication. This subject, which is undertaken in conjunction with DESN290, leads into JOUR315 in which students will develop advanced skills in convergent journalism including editing video footage for online news.

JOUR216 Introduction to Broadcast Journalism

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: JOUR215
Co-requisite: None
Exclusions:
Subject Description: This subject aims to provide students with a solid grounding in the fundamentals required to work in radio as well as theoretical concerns related to this medium. Topics covered include writing for radio, understanding radio news values, interviewing for radio and working with sound. Students will develop technical and editorial skills needed for radio news and current affairs broadcasting and gain experience working in a broadcast team in a broadcast environment. They will also be introduced to the legal and ethical constraints of radio broadcast news and program making.

JOUR217 Newsroom 2 - Convergence

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: JOUR215 and JOUR214
Co-requisite: None
Exclusions:
Subject Description: In this subject students will build on the skills developed in JOUR215 (Introduction to Convergent Journalism) to hone the skills required to work in a convergent newsroom where staff work under tight deadline pressures to produce cohesive journalism packages. The subject focuses on the development of audio-visual packages using commercial software programs. Topics covered include: video production and editing; building slideshows with sound; using social networking software and story aggregation and linking. Students will be expected to develop their own multimedia packages on a range of different topics. They will also play a role in the development and editing of the Faculty's online publications.

JOUR231 Political Journalism

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: JOUR214
Co-requisite: None
Exclusions:
Subject Description: The subject begins by providing an overview of the relationship between politicians and journalists. It then explores the Australian political system before looking at a range of specific issues such as covering elections, interpreting budgets and other legislation, understanding political parties and other players in the political game. Assessment will be built around the development of advanced research and writing skills. The subject is taught as an intensive workshop through a series of simulated news exercises. Work is to be completed both in class and between class.

JOUR232 Photojournalism

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: This is a practically oriented subject that will develop the essential skills required to work in the field of photojournalism. The student will develop a variety of written and photographic work that can be used as the basis for a professional portfolio. During this course students are encouraged to create visual stories in which the resulting pictures may change attitudes or affect society in some way. This subject begins with a series of introductory lectures and workshops on photographic techniques. Students are introduced to cameras and basic principles, such as adapting for speed and light. They are then introduced to different forms of photography (indoor and outdoor; action and still, people and animals) and the requirements of different publications (newspapers, news magazines and lifestyle or arts magazines). Students will be introduced to photo-editing programs like Photoshop. In addition, they will have a series of discussions on photo ethics and the law.

JOUR233 Arts Journalism

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: On successful completion of this subject, students will be able to write a range of arts-based reviews (music, television, book, theatre, exhibition). Students will have the opportunity to apply the writing skills developed in other subjects to the particular requirements of reviewing with a critical difference. With reviews, writers are permitted to infuse their own subjective views into their writing, unlike standard form journalism, which promotes the fundamental tenets of fairness, balance and objectivity. Students will produce both short and long form reviews. They will also produce some live programs, including a movie review and a music review in which they act as DJ.

JOUR234 Lifestyle and Magazine Journalism

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: JOUR214
Co-requisite: None
Exclusions: JOUR250
Subject Description: This subject will give students an introduction to writing and producing magazine features. Specialist topics could include, but will not be restricted to: fashion, health and fitness, interior design and decorating, wine and cooking, travel, cars, boats, money and specialised collecting, arts and crafts and issues relating to life stages. A variety of feature styles will be explored, including profiles, how-to articles, and columns. The importance of the magazine as a visual medium will also be explored. Because of this, JOUR 234 is likely to appeal to students who are also interested in Arts Journalism (JOUR 233) and Photojournalism (JOUR 232).

JOUR301 Investigative Reporting

Autumn Wollongong On Campus
Credit Points: 8
Pre-requisites: JOUR101 or JOUR201 or JOUR111
Co-requisite: None
Exclusions: JOUR210
Subject Description: This subject extends students' experience in news and feature writing to critical media investigation of community issues. It includes a series of practical lectures and workshops on a range of topics, including using traditional resources to background stories, utilising the regulators (ASIC, ACCC, APRA), extracting information from government departments using FOI and other strategies. The subject will also cover team investigation; investigative and research techniques; story composition; statistical interpretation; and media law and ethics.

JOUR302 Directed Study/Practice

Autumn Wollongong On Campus
Spring Wollongong On Campus
Credit Points: 8
Pre-requisites: All 100 and 200 level Journalism subjects
Co-requisite: None
Exclusions:
Subject Description: Students in this subject can choose from two different options: (1) a major essay or series of essays totalling 6,000 words based on a directed program of independent study/readings/research, the area of inquiry will be negotiated with the subject coordinator; (2) a portfolio of journalism pieces around a specific beat or theme to be negotiated with the subject co-ordinator, the portfolio will include 4 - 6 pieces totalling 6,000 words.

JOUR305 Professional Writing 2: Editing and Publication

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: JOUR205
Co-requisite: None
Exclusions:
Subject Description: This subject builds on the skills learned in Professional Writing 1 and focuses on developing copy editing skills and principles of design for both print and web publications. Topics covered include: working with text and images, commissioning and rewriting copy, developing copy templates, sub editing, developing style manuals,

usability principles and an introduction to working with design and web software.

JOUR311 Newsroom Practice

Autumn Wollongong On Campus
Spring Wollongong On Campus
Credit Points: 8
Pre-requisites: JOUR101 or JOUR201 And JOUR202
Co-requisite: None
Exclusions:
Subject Description: The purpose of this subject is to enable students to work in a daily newsroom environment, initiating, researching and writing a range of news and feature stories. Students will be expected to produce publishable work under deadline pressure. The work will also be expected to meet the required ethical and legal standards. High quality work will be published on the School of Journalism and Creative Writing's web page.

JOUR312 Internship

Autumn Wollongong On Campus
Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: All 100 level and 200 level core journalism subjects
Co-requisite: None
Exclusions:
Subject Description: This is a core subject in the Bachelor of Journalism. Students are expected to undertake four weeks of internship in either Autumn or Spring semester of their final year. The internship involves a placement in a recognised media organisation or allied field. Possible placements should be discussed with the program coordinator. While students are encouraged to show initiative and organise their own internship, the Faculty has organised a number of competitive placements with local media organisations, including the Illawarra Mercury and ABC Radio. For information regarding these internships, please talk to the subject coordinator. Students can combine placements at a number of organisations if they wish. During the internship, students are expected to work as journalists. The stories produced will form part of a portfolio of work that has to be submitted by the end of semester. The portfolio will also include a reflective essay from the student and a report from the person supervising them. Finally, students will be required to prepare a job application that draws on their experience within the individual organization as well as their university experience. This will form the basis of a mock job interview on the last day of semester.

JOUR314 Newsroom Practice (3) - Editing and Production

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: This is the third of the compulsory newsroom subjects. As with JOUR114 and JOUR217, students will begin each day with an editorial conference. In this conference, students will consider the range of stories they have to work with. They will be allocated to reporting or editing teams to produce multimedia stories on current local news stories.

JOUR316 Advanced Broadcast Journalism

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: JOUR114 and JOUR215
Co-requisite: None
Exclusions:
Subject Description: On completion of this subject the student will have developed advanced skills in writing, editing, producing and presenting video journalism for television. The subject has been designed to simulate a real working experience that is underpinned by relevant theory. The student will realize the importance of a meticulous approach when developing a television news piece. This disciplined process is shared across the multi-media on-line, television or radio journalism contexts. On completion of the subject students will have acquired advanced skills in scripting material, acquiring digital video and then grammatically sequencing pictures and/or audio for the finished piece. Meaning will be conveyed with clarity and impact while the work retains journalistic integrity, flow, rhythm and style.

JOUR320 Journalism Project

Autumn Wollongong On Campus
Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: All core 100 level and 200 level Journalism subjects
Co-requisite: None
Exclusions:
Subject Description: In this subject students will work in a newsroom environment to write a series of stories on topics or issues that stem from their non-journalism studies. For example, a student studying Geology might write a series of stories on advances in mining exploration techniques or mine safety. A student studying Health and Behavioural Sciences might write a series of stories on health issues such as the discovery of a new vaccine that will treat both Hepatitis C and chronic alcoholism. In short, this subject provides students with an opportunity to embed themselves in another discipline and use the knowledge they have built in that area to help demystify it to the general populace. There are no lectures in this subject. Students, being in the final year of their degree, will work under the direction of a staff editor. They will be required to produce a portfolio of stories on a topic of their own choice. The only stipulation is that the work is produced in a journalistic format and provides a detailed explanation of an issue or series of related issues. Students will be expected to show advanced journalism skills, strong analytical skills in their chosen non-journalism discipline, and the ability to turn a complex topic into a package that can be readily understood by a broad, that is non expert, audience.

JOUR330 Advanced Journalism Research Project

Autumn Wollongong On Campus
Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: JOUR111, JOUR112, JOUR113, JOUR114, JOUR214 and JOUR215
Co-requisite: None
Exclusions:
Subject Description: Students will be introduced to a range of themes in Journalism research. Students may choose an applied or theoretical journalism project and may work either individually or as a member of a team. Responsibilities will include research design, data collection, interpretation and/or applied journalistic outcomes. All students will contribute to the final report and will share ownership of any publishable outcomes. Students will meet with their academic supervisor on a regular basis (this will depend on the nature of the project and where it is situated in the project cycle).

JOUR331 Literary Journalism

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: JOUR214
Co-requisite: None
Exclusions:
Subject Description: This subject begins with a series of discussions that focus on the theme: 'the writer, the story, the self.' Students are introduced to Literary Journalism through the work of writers such as Truman Capote, Susan Sontag, Robert Dessaix, Janet Malcolm and John Brendht. Through writing exercises students will develop a personal writing style that shows an individual voice. One of the features of literary journalism is the depth of research that underpins the written product. Another is the ability to conduct complex long form interviews. Students will focus on developing these skills, both through in-class exercises and by researching and writing their own pieces of literary journalism.

JOUR336 Advanced Documentary Journalism

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: JOUR215 or JOUR216 or JOUR316
Co-requisite: None
Exclusions:
Subject Description: This subject provides students with an opportunity to value-add to the earlier broadcast and convergent subjects they have undertaken with a view to developing a longer, more complex documentary. Students will negotiate a topic with their lecturer who will take on a collegial role of senior producer. Students will then work closely with the producer to develop their documentary through its various stages. Student work is corrected, revised and rewritten to develop the necessary systematic, theoretical descriptions or explanations of the processes, technologies, excellence in camera vision and sound and editing language, grammar, styles and structures of today's converging documentary and current affairs. In summary, this subject has been designed to simulate a real working experience that is underpinned by relevant production theory.

JOUR337 Sports Journalism

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: JOUR111, JOUR114 and JOUR214
Co-requisite: None
Exclusions:
Subject Description: Australians are said to be sports mad, with sport being akin to a religion for many people. Its popularity is reflected in the number of newspaper pages devoted to key sports each week, and the amount of air time devoted to sport on both radio and television. This subject focuses on the development of skills required of a sports journalist. Students will develop the skills required to work either as a general sports reporter or a sports specialist. The subject will equip students with the writing and research skills required to write knowledgeably about a range of sports. It will focus on both news and features.

JOUR345 Professional Writing 3: Professional Editing for Industry

Spring Wollongong On Campus
Credit Points: 8
Pre-requisites: JOUR101, JOUR205 and JOUR305
Co-requisite: None
Exclusions:
Subject Description: Professional Writing 3 builds on the writing and reporting skills learned in JOUR101 (Introduction to Journalism and Professional Writing), JOUR205 (Professional Writing 1: Writing for Organisations) and JOUR305 (Professional Writing 2: Editing and Publication). JOUR345 focuses on the publishing process. It builds on the editing skills developed in JOUR305 and applies them in an industry context, along with developing the skills required to commission and/or professionally publish work.

JOUR350 Lifestyle and Arts Journalism

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: JOUR101 & JOUR202
Co-requisite: None
Exclusions: JOUR234
Subject Description: This subject will provide students with an introduction to writing for arts and lifestyle magazines in both a print and online environment. Specialist topics could include, but will not be restricted to fashion, health and fitness, interior design, food, travel, arts and crafts, music, television and film. A variety of feature styles will be explored, including profiles, how-to articles, reviews and columns. The importance of the magazine as a visual medium will also be explored.

LANG305 Literature and Society in Renaissance Europe

Autumn Wollongong On Campus
Credit Points: 8
Pre-requisites: 24 credit points
Co-requisite: None
Exclusions:
Subject Description: The Renaissance constitutes a crucial period in Western civilisation. It saw a re-orientation of the arts and sciences which deeply influenced the course of European, and indeed world history. The subject will begin by examining the works of Petrarch and Giotto and will proceed to stress the contradictory nature of the Renaissance, concentrating on Italy, France and Spain. It will examine the literature (with works by Boccaccio, Petrarch, Machiavelli, Castiglione, Rabelais, Montaigne, Ronsard, Du Bellay, Garcilaso, Cervantes, plus the anonymous 'Lazarillo de Tormes') art, and learning of the period, while exploring underlying social and political tensions.

LANG371 Advanced Studies in Language/Culture A

Autumn Wollongong On Campus
Spring Wollongong On Campus
Credit Points: 8
Pre-requisites: 8cp in second semester of 200-level language subjects
Co-requisite: None
Exclusions:
Subject Description: This is a reading subject offered under the direct supervision of a member of staff. Topics, as determined by the Convenor of the Languages Program in consultation with the Convenor of the relevant strand of the Languages Program (English Language Studies, French,

Italian, Japanese, Mandarin, Spanish), will be chosen from an area of relevant language or cultural studies. It will provide a program of advanced work complementing the student's prior studies in the language. Enrolment will only be approved following consultation with the Convenor of the relevant major.

LANG372 Advanced Studies in Language/Culture B

Autumn	Wollongong	On Campus
Spring	Wollongong	On Campus

Credit Points: 8
Pre-requisites: 8cp in second semester of 200-level language subject
Co-requisite: None
Exclusions:
Subject Description: This is a reading subject offered under the direct supervision of a member of staff. Topics, as determined by the Convenor of the Languages Program in consultation with the Convenor of the relevant strand of the Languages Program (English Language Studies, French, Italian, Japanese, Spanish), will be chosen from an area of relevant language or cultural studies. It will provide a program of advanced work complementing the student's prior studies in the language. Enrolment will only be approved following consultation with the Convenor of the relevant major.

LANG391 Language Study Abroad 1

Autumn	Wollongong	On Campus
Spring	Wollongong	On Campus

Credit Points: 8
Pre-requisites: FREN252 or INDO252 or ITAL252 or JAPA262 or MAND252 or SPAN252 and permission of the Director, Language Centre.
Co-requisite: None
Exclusions: FREN391, ITAL391, JAPA391, SPAN391, MAND391
Subject Description: This subject provides specified credit for subjects in an area of language, literature or civilization study in French or Indonesian or Italian or Japanese or Mandarin or Spanish undertaken at a university in the country where the language is spoken. Enrolment must be discussed in advance with the convenor of the relevant language program and approved by the Director of the Language Centre.

LANG392 Language Study Abroad 2

Autumn	Wollongong	On Campus
Spring	Wollongong	On Campus

Credit Points: 8
Pre-requisites: FREN252 or INDO252 or ITAL252 or JAPA262 or MAND252 or SPAN252 and permission of the Director, Language Centre.
Co-requisite: None
Exclusions: FREN392, ITAL392, JAPA392, SPAN392, MAND392
Subject Description: This subject provides specified credit for subjects in an area of language, literature or civilization study in French or Indonesian or Italian or Japanese or Mandarin or Spanish undertaken at a university in the country where the language is spoken. Enrolment must be discussed in advance with the convenor of the relevant language program and approved by the Director of the Language Centre.

LANG393 Language Study Abroad 3

Autumn	Wollongong	On Campus
Spring	Wollongong	On Campus

Credit Points: 8
Pre-requisites: FREN252 or INDO252 or ITAL252 or JAPA262 or MAND252 or SPAN252 and permission of the Director, Language Centre.
Co-requisite: None
Exclusions: FREN393, ITAL393, JAPA393, SPAN393, MAND393
Subject Description: This subject provides specified credit for subjects in an area of language, literature or civilization study in French or Indonesian or Italian or Japanese or Mandarin or Spanish undertaken at a university in the country where the language is spoken. Enrolment must be discussed in advance with the convenor of the relevant language program and approved by the Director of the Language Centre.

LAW 101 Law, Business and Society

Autumn	Batemans Bay	On Campus
Autumn	Bega	On Campus
Autumn	Shoalhaven	On Campus

Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions: LLB100 or LAW100 or LAW210
Subject Description: Effective participation in the business world and in society in general, requires an understanding of the law and of legal processes. LAW101 Law, Business and Society introduces students to areas of law most relevant to involvement in the business sector. The consideration of the law focuses on its practical implications for achieving business objectives and preventing legal problems arising. As the major case study, students are expected to gain an understanding that contract law is the basis of commercial law and is thus essential for persons wishing to engage in business. It also aims to provide a knowledge and skills base for those intending to pursue further legal studies.

LAW 302 Law of Business Organisations

Autumn	Batemans Bay	On Campus
Autumn	Bega	On Campus
Autumn	Shoalhaven	On Campus

Credit Points: 6
Pre-requisites: LAW101 or LAW210 or LAW100
Co-requisite: None
Exclusions:
Subject Description: The subject outlines the key features of the different legal structures which people might adopt for their business and voluntary activities. The legal regulation of two of these, a partnership and a company incorporated under the Corporations Act, are then considered in depth. Practical applications of the law, and public policy dimensions, are addressed throughout the subject.

LAW 303 Family Law

Autumn	Wollongong	On Campus

Credit Points: 6
Pre-requisites: LAW100 or LAW101
Co-requisite: None
Exclusions: LLB303
Subject Description: The subject examines the legislative framework and common law principles applicable to both the legal recognition of relationships and the resolution of disputes arising from the breakdown of those relationships.

Areas covered include: marriage; divorce; nullity; disputes in relation to children under the Family Law Act, 1975 (Cth); property and maintenance disputes for both married and non-married couples; child support and child maintenance; family violence under state and federal legislation; international abduction. The subject also looks at the related areas of state child welfare proceedings and adoption. The course examines what 'family' means today and the challenges our legal system faces in dealing with this fluid concept and recognizing diverse family structures and relationships.

LAW 308 Administrative Law

Autumn	Wollongong	On Campus

Credit Points: 6
Pre-requisites: LAW 100 or LAW101
Co-requisite: None
Exclusions: LLB 308 or LLB230
Subject Description: The notion of the state and state power; limitations on state power; the constitutional structure of the Australian nation-state; the notion of division and separation of powers; mechanisms of accountability and control of government officials, including access to government information, the Ombudsman, merits review tribunals and judicial review.

LAW 315 Taxation Law

Spring	Batemans Bay	On Campus
Spring	Bega	On Campus
Spring	Shoalhaven	On Campus

Credit Points: 6
Pre-requisites: LAW101 or LAW210
Co-requisite: None
Exclusions:
Subject Description: This subject focuses on the structure of the Income Tax Assessment Acts (1936 & 1997); Fringe Benefits Tax Assessment Act 1986; and related legislation. General principles with respect to the assessability of income and deductibility of expenses are studied, together with the treatment of fringe benefits and capital gains.

LAW 316 Occupational Health and Safety Law

Autumn	Wollongong	On Campus

Credit Points: 6
Pre-requisites: LAW100 or LAW101 and 12 credit points in LAW subjects
Co-requisite: None
Exclusions: LLB316
Subject Description: This subject is concerned with the study of the legal regime governing health, safety and welfare of people at work in New South Wales. Its focus will be the Occupationl Health and Safety Act 2000 and the Occupational Health and Safety Regulations 2001. However, the subject will also cover the movement towards a national systen of OH&S regulation.

LAW 317 E-Commerce Law

Not on offer in 2013
Credit Points: 6
Pre-requisites: (LAW 101 or LAW 210) and a minimum 48 credit points.
Co-requisite: None
Exclusions: LLB317
Subject Description: The subject explores some of the more significant legal and regulatory issues that e-commerce gives rise to. The internet and other digital communications technological developments provide a new platform for commercial activity and today constitute a new marketplace- the cyber-marketplace. How does familiar commercial law operate in that market-place? What are the special characteristics of the new market-place? On the back of either or both those considerations, do problems arise that legal developments are needed to address? What policy public considerations apply to reveal problem areas and enable us to formulate and evaluate possible 'solutions'. Some problem areas have already been revealed and prompted legal developments. Are they working and delivering the desired solution? This subject involves students exploring these questions. The areas of law traversed include jurisdictional matters, contract and consumer protection, privacy, relevant aspects of intellectual property law (in particular copyright, patents and trademarks), and cybercrime. The perspectives of on-line traders, consumers and other interest groups are weighed in the analysis. The goal is to see if we can advance the realization of e-commerce's social, economic and, perhaps, market transformative potential.

LAW 319 International Business Law

Not on offer in 2013
Credit Points: 6
Pre-requisites: LAW 101 or LAW 210
Co-requisite: None
Exclusions: LLB319
Subject Description: This subject will contain some selected legal and regulatory framework of international business. Special emphasis will be given to the legal issues related to drafting contracts, and rights and obligations of parties to a business transaction under the current legal regime governing international business. The topics may include: introduction to international and comparative law relevant to international business; formation and interpretation of international contracts for goods and services; transportation of goods; international protection of intellectual property; role of national governments and international organisations in international business; formation, operation and regulation of international business entities; and resolution of international commercial disputes, financing international business transactions, international investment and securities regulation.

LAW 321 Banking Law

Not on offer in 2013
Credit Points: 6
Pre-requisites: LAW 101 or LAW 210
Co-requisite: None
Exclusions: LLB 321
Subject Description: LLB321 Banking Law is designed to develop in students a sound understanding of the law governing financial institutions in Australia, and the manner in which these institutions are regulated. The relationship between financial institutions and their customers will be examined, along with the impact of recent technological developments on this relationship and on the business of banking. The law dealing with cheques and other negotiable instruments will be discussed in detail. The issue of security for transactions with financial institutions will be analysed, along with the position of banks as creditors when a customer becomes bankrupt.

LAW 322 Objects and Subjects: Law, Things and Everyday Life

Not on offer in 2013
Credit Points: 6
Pre-requisites: 48 credit points of any subjects
Co-requisite: None
Exclusions: LLB322
Subject Description: What role do material objects play in the law and legal processes? Property, symbols, documents, land and buildings all combine with law to be part of everday life. Law regulates use of these objects, while drawing on them for its own represenations and effectiveness. We are legal subjects in many senses: we act as willing subjects in living our lives: buying and selling, entering into contracts, making decisions. We are also subject to the law. In each of these areas our relationship with the material world is critical: bodies, property and space are all critical interfaces between objects and subjects.

LAW 323 Consumer Protection and Product Liability Law

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: LAW 101
Co-requisite: None
Exclusions:
Subject Description: This subject is concerned with consumers and the protections afforded them under the law. The subject will cover extensive case law and relevant legislation. It will address a wide range of issues including: 1) Privacy rights, unfair branding, passing off, unfair selling practices; 2) Marketers and retailers' liability, product liability, manufacturers' liability; 3) Provisions in the Australian Consumer Law 2010 (Cth) that protect consumer interests and are consistent with Competition Law; 4) Consumer activism as an Australian and international movement. Consumer rights as an inherent part of any sustainable solution in respect of climate change and global warming.

LAW 330 Law of Employment

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: (MGMT240) OR (LAW100 PLUS either COMM100 or LAW210) OR (LAW101)
Co-requisite: None
Exclusions: LLB330
Subject Description: An overview of the rights and duties of individual employers and employees under common law and selected legislation, including: formation, content and termination of the contract of employment; implied duties of employers and employees; remedies at common law; statute-derived employment conditions; unfair dismissal legislation; unfair work contracts; occupational health and safety.

LAW 331 Intellectual Property Law

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: LAW101 or LAW210
Co-requisite: None
Exclusions: LLB331
Subject Description: This subject provides an overview of the field of intellectual property law. It focuses on the challenging and dynamic area of copyright law. It explores and traces the key areas of patent law, confidential information, trademarks, as well as specialist topics including designs law.

LAW 332 Labour Regulation

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: LAW101 or LAW210
Co-requisite: None
Exclusions: LLB332
Subject Description: This subject examines the legal regulation of work and labour relations in Australia. After analysing ideas and methods underpinning regulation of the 'labour market' by law, the current system under the Fair Work Act 2009 will be studied by reference to the history of labour regulation in Australia (common law, compulsory arbitration), comparisons with other countries, and international law under the International Labour Organisation. The subject will study regulation of: institutions and relationships, standard minimum pay and conditions, grievance and dispute resolution (including unfair dismissal), individual and collective bargaining and agreements, regulation of trade unions, law of strikes and industrial action. Students will be assessed in this subject on their critical analysis and evaluation of complex issues, with a group research presentation, an individual research essay and a final exam.

LAW 334 Environmental Law

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: LAW100 or LAW101
Co-requisite: None
Exclusions: LAW380
Subject Description: The goal of this subject is to enable students to develop a critical understanding of the law in relation to the broad notion of ecologically sustainable development in Australia, with an emphasis on biodiversity conservation in both Commonwealth and NSW jurisdictions. It focuses on, inter alia, key legislation, statutory planning instruments, assessment of development proposals, new conservation mechanisms such as offsetting, on-reserve and off-reserve conservation management, climate change and the role of the Courts.

LAW 335 Anti-Discrimination Law

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: LAW100 or LAW101
Co-requisite: None
Exclusions: LLB335
Subject Description: An analysis and appraisal of laws prohibiting discrimination in Australia on various grounds, including: sex, marital status, carer responsibilities, race, disability, age, sexual preference and transgender. Laws prohibiting harassment and vilification will also be examined. The subject includes exploration of the aims and social context of anti-discrimination legislation, as well as related concepts such as equal opportunity, social justice and affirmative action. Examination of processes for complaints, dispute resolution and enforcement, and powers of investigative and adjudicatory bodies.

LAW 343 International Law

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: LAW100 or LAW101
Co-requisite: None
Exclusions: Not to count with LLB343 or INTR900
Subject Description: The international legal system; sources of international law; the relationship between domestic law and international law; statehood; jurisdiction; state responsibility; international dispute resolution; selected specialist areas such as law of the sea, environmental law and human rights.

LAW 344 Indigenous Peoples and Legal Systems

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: LAW100 or LAW101 or ABST100
Co-requisite: None
Exclusions: LLB344
Subject Description: This subject introduces the relationship between Indigenous and non-Indigenous laws and legal systems in Australia. It considers the nature and status of Aboriginal and Torres Strait Islander laws, exploring some of the specific legal issues of current relevance to Indigenous peoples in Australia. Topics include the impact of European colonisation, over-representation in the criminal justice system, land rights and native title, recognition of Indigenous law, and self-determination.

LAW 348 Media Law

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: 72 cp including among completed subjects one of: (LAW100 and LAW210) or LAW101 or (COMS100 and COMS101 and LAW100) or other as may from time to time be approved
Co-requisite: None
Exclusions: LLB348
Subject Description: Making and creating the content consumed by the public is subject to a range of areas of law, which are collectively known as media law. While media law has always affected media industries, the same laws also affect individuals who create content on the web. This subject looks at the theoretical basis behind the law affecting both industries and individuals, including debates over freedom of expression; the law affecting content created by both industries and individuals, including defamation law, confidentiality, court reporting rules, and outlawed content; and the regulation of media industries.

LAW 349 Feminism and Law

Not on offer in 2013
Credit Points: 6
Pre-requisites: LAW 101
Co-requisite: None
Exclusions:
Subject Description: Feminism and law explores analytic and ethical issues that arise in feminist philosophy and the ways these issues shape feminist debate. The subject also examines the relationship between feminism and philosophy through an exploration of the following topics: equality and difference, rationality and reasoning, subjectivity, autonomy and agency, embodiment, moral reasoning, justice and interdependence, the public/private, civic/domestic and sex/gender distinctions, citizenship and access to social goods. It applies these concepts to law, legal institutions and the practice of law in Australia. It subjects the institutions of law and their practitioners to scrutiny from a feminist perspective.

LAW 352 Advanced Taxation Law

Not on offer in 2013
Credit Points: 6
Pre-requisites: LAW315
Co-requisite: None
Exclusions: LLB362
Subject Description: In this subject students will be exploring selected aspects of income tax, capital gains tax, fringe benefits tax, the new goods and services tax and state taxes. The course is run on an instensive basis and features presentations from tax professionals and representatives from the Australian Tax Office and the NSW Office of State Revenue.

LAW 359 Corporate Governance

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: LAW302
Co-requisite: None
Exclusions: LLB359
Subject Description: This subject will examine fundamental governance and regulatory issues. An emphasis will be placed on international and comparative corporate governance. Topics may include: theories of the corporation and their implications for corporate governance; the role of regulators in corporate governance; internal governance mechanisms; the role of shareholders, directors, management and auditors in corporate governance; directors' disclosure; insider trading; the role of institutional shareholders; the role of non-executive directors; the remuneration debate; the role of the market in corporate governance; corporate social and environmental responsibility

LAW 365 International and Comparative Intellectual Property Law

Not on offer in 2013
Credit Points: 6
Pre-requisites: (LAW 101 or LAW 210) and (LAW 331 or LAW 343)
Co-requisite: None
Exclusions: LLB 365 or LLB9365
Subject Description: The subject focuses on international law relating to protection of intellectual property (IP) and on increasingly vital and global role of IP in respect of trade and economic development. It will look, in particular, at the current trend of successive strengthening and harmonisation of IP protection at multilateral, regional and bilateral levels. It will also examine comparative systems of IP law within the framework of the relevant international treaties and conventions. The subject intends to examine not only the international regulation for IP protection but also the profound implications of such rules and the process for innovation, technology transfer, market competition and economic development. The fundamental IP issues may include: the interface between IP protection and international trade, IP rights and parallel importation, IP rights evolving in cyberspace and access to and use of information technologies, the patenting of biotechnological products and processes and the socio-economic and ethical implications of biotechnological patenting, the protection of plant varieties, the protection of traditional knowledge and access to genetic resources, the patenting of pharmaceuticals and the problems relating to access to essential medicines, the developing importance of geographical indications, and the protection of well-known marks.

LAW 366 Selected Issues in Legal Studies
Not on offer in 2013
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: Topics for in-depth study may be selected from legal subjects appearing in the Calendar. The selection would be made by the Dean, taking into account the expertise of academic staff, including visiting staff, and the interests of students.

LAW 380 Law for Environmental Managers
Spring Wollongong On Campus
Credit Points: 8
Pre-requisites: 72 credit points in a discipline other than Law
Co-requisite: None
Exclusions: Not to count with LAW334
Subject Description: The goal of this subject is to enable students to develop a critical understanding of the law in relation to the broad notion of ecologically sustainable development in Australia, with an emphasis on biodiversity conservation in both Commonwealth and NSW jurisdictions. It focuses on, inter alia, key legislation, statutory planning instruments, assessment of development proposals, new conservation mechanisms such as offsetting, on-reserve and off-reserve conservation management, climate change and the role of the Courts

LLB 100 Foundations of Law A
Autumn Wollongong On Campus
Credit Points: 8
Pre-requisites: None
Co-requisite: LLB 110, LLB 120, LLB 130 and LLB 150
Exclusions:
Subject Description: The subject introduces students to the legal system, legal terminology and legal concepts in a broader context and allows students to start thinking about the values law embodies, implicitly and explicity, and their relationship to society. This approach also enables students to reflect upon the law in theory and in practice, the knowledge needed to make sense of the difference and the skills needed to mediate it successfully. In addition, the subject provides opportunities to start practising the legal skills of statutory interpretation and case analysis which are fundamental to the study and practice of law. Finally, the subject requires students to reflect upon their own assumptions and values.

LLB 110 Legal Research and Writing
Autumn Wollongong On Campus
Credit Points: 4
Pre-requisites: None
Co-requisite: LLB 100 and LLB 120 and LLB 130 and LLB 150
Exclusions: LLB395
Subject Description: LLB110 is one of a set of skills subjects, which are a distinctive feature of the Wollongong law degree. This subject introduces students to basic legal writing skills, legal research and legal referencing systems. Students are exposed to various approaches to structuring a legal argument as well as encouraged and supported to improve their broader writing skills. The subject also includes instruction in the use of relevant databases and other online resources for the purpose of undertaking legal research. The content and assessment of this subject are integrated with other first year subjects.

LLB 120 Law of Contract A
Autumn Wollongong On Campus
Credit Points: 8
Pre-requisites: None
Co-requisite: LLB 100 and LLB 110 and LLB 130 and LLB 150
Exclusions:
Subject Description: LLB 120 introduces students to the substantive law of contract. Using the casebook method, the legal principles governing formation of contract are examined in detail. Other topics covered include the equitable doctrine of promissory estoppel, the statutory requirement that some contracts be evidenced by writing and the effect of the doctrine of privity upon the enforcement of contractual promises. In examining these content areas, consideration is given to broader questions about the distinctive nature of contract and the role of contract law in society. Students are introduced to some of the more important theoretical and doctrinal debates in contract law and are encouraged to use those theoretical perspectives to enrich their understanding of, and critically assess, particular contractual doctrines and rules. Comparative material is also provided to ensure that students appreciate the influence of context on the development of legal rules.

LLB 130 Criminal Law and Process A
Autumn Wollongong On Campus
Credit Points: 8
Pre-requisites: None
Co-requisite: LLB 100 and LLB 110 and LLB 120 and LLB 150
Exclusions:
Subject Description: This subject introduces students to criminal law, including substantive rules that define offences and procedures associated with the operation of the criminal justice system. It adopts an interdisciplinary approach to the study of criminal law and procedure; that is, informed by historical, sociological, criminological, political, philosophical and economic perspectives, as well as conventional legal perspectives. Related to this approach, the subject does not examine substantive rules and procedures in isolation, but examines their 'on the ground' operation (including via examination of empirical data). In addition, the subject considers the broader context in which decisions about the criminalisation of different types of behaviour and the enforcement of criminal laws are made. Students are encouraged to see criminal law as only one of a variety of regulatory mechanisms, and to assess its merits relative to other methods of regulation. Topics include: criminalisation, the criminal process, components of criminal offences, public order offences, sentencing and punishment.

LLB 140 Advocacy Skills
Spring Wollongong On Campus
Credit Points: 2
Pre-requisites: 30 credit points LLB subjects at 100 level
Co-requisite: LLB 160 and LLB 170 and LLB 180 and LLB 197
Exclusions:
Subject Description: Introduction to the principles of advocacy, professional responsibility and courtroom etiquette, and criminal procedure. Exercises include practice court submissions and the preparation of written submissions.

LLB 150 Communication Skills
Autumn Wollongong On Campus
Credit Points: 2
Pre-requisites: None
Co-requisite: LLB 100 and LLB 110 and LLB 120 and LLB 130
Exclusions: LLB 392
Subject Description: The skills of listening, observing, presenting ideas clearly in non-threatening and adversary contexts, and the differences between them; eliciting information; issues in cross cultural communication; difficulties in the use of interpreters and in eliciting information from children.

LLB 160 Foundations of Law B
Spring Wollongong On Campus
Credit Points: 8
Pre-requisites: 30 cp of 100 level LLB Subjects including LLB 100
Co-requisite: LLB 170 and LLB 180 and LLB 197 and LLB 140
Exclusions: LLB 200 or LLB222
Subject Description: The subject explores the sources of law, the application of law and ways of arguing the law. It aims to contribute to students' foundational understanding of law and its place in Australian society by encouraging social and philosophical analysis of key issues dealt with in other areas of the first year LLB program.

LLB 170 Law of Contract B
Spring Wollongong On Campus
Credit Points: 8
Pre-requisites: 30 cp of 100 level LLB Subjects including LLB 120
Co-requisite: LLB 160 and LLB 180 and LLB 197 and LLB 140
Exclusions:
Subject Description: LLB 170 builds upon the material covered in LLB 120. It explores the content and application of the common law, equitable and statutory rules relating to enforceable agreements, and places those rules within their historical, social, economic and theoretical context. Topics covered include identifying and interpreting terms of a contract; performance and breach of contract, termination of contract, vitiating factors and contractual remedies. Specific attention is devoted to the relationship of common law and equity in the context of contractual obligations and remedies. Students draw upon historical and theoretical material introduced in LLB 120 in considering and evaluating the doctrines and legal rules covered in LLB 170.

LLB 180 Criminal Law and Process B
Spring Wollongong On Campus
Credit Points: 8
Pre-requisites: 30 cp of 100 level LLB Subjects including LLB 130
Co-requisite: LLB 160 and LLB 170 and LLB 197 and LLB 140
Exclusions:
Subject Description: Building on the inter-disciplinary and 'in-context' foundation established by Criminal Law and the Process of Justice A, this subject examines a range of criminal law offences, including property offences, and drug offences, as well as selected defences, and rules relating to attempts, complicity and conspiracy. In addition to developing familiarity with relevant principles, rules and procedures for each of these topics, students will be will be required to evaluate existing rules and procedures and consider reform alternatives.

LLB 197 Lawyers and Australian Society
Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: 30 credit points of 100 level LLB subjects
Co-requisite: LLB160, LLB170, LLB180, LLB140
Exclusions: LLB 311 or LLB 190
Subject Description: The aim of this subject is to encourage an analytical and thoughtful approach to aspects of law, legal practice, ethics and values. This subject will consider the role of lawyers in Australian society and the laws, rules and conventions that influence and govern legal practice. The subject encourages students to consider the nature of professionalism and ethics; the 'legal profession', its regulation, and its rules of conduct; and how the law in practice relates to access to justice.

LLB 220 Property and Trusts A
Autumn Wollongong On Campus
Credit Points: 8
Pre-requisites: LLB 170
Co-requisite: None
Exclusions: LLB 305
Subject Description: Consideration of the notion of property and interests in property; the distinctions between real, personal and intangible property; the notions of ownership, title and possession; legal and equitable interests in property (including the resulting and constructive trust); legal protection of property interests. The law of landlord and tenant, easements and covenants.

LLB 230 Public Law A
Autumn Wollongong On Campus
Credit Points: 8
Pre-requisites: LLB100
Co-requisite: None
Exclusions: LLB 308
Subject Description: The notion of the state and state power; limitations on state power; the constitutional structure of the Australian nation-state; the notion of division and separation of powers; mechanisms of accountability and control of government officials, including access to government information, the Ombudsman, merits review tribunals and judicial review.

LLB 240 Law of Torts
Autumn Wollongong On Campus
Credit Points: 8
Pre-requisites: LLB 170
Co-requisite: None
Exclusions: LLB 307
Subject Description: After a general introduction to legal and policy issues surrounding tort law, students will commence with a study of the torts of trespass, nuisance,battery, assault, false imprisonment, and the action on the case for wilful injury. Students will then examine principles governing liability in negligence. Throughout the subject, students will consider the impact of statute law on common law tort principles, in particular the recent attempts to limit civil liability.

LLB 250 Drafting Skills
Spring Wollongong On Campus
Credit Points: 2
Pre-requisites: None
Co-requisite: LLB 270
Exclusions: LLB 393
Subject Description: The aim of this subject is to teach and reinforce the fundamental skills required to produce

modern legal writing and drafting in professional legal practice in the private profession, or in the corporate or public sector. The skills focus is on planning, writing and reviewing legal documents such as letters and memoranda, and, in the main, property and commercial documents, with clarity of expression in plain language. An additional skills component in the subject is will drafting and the legislative, common law and equitable principles to be applied to estate succession.

LLB 260 Dispute Management Skills

Autumn Wollongong On Campus
Credit Points: 2
Pre-requisites: LLB 170
Co-requisite: None
Exclusions: LLB 391
Subject Description: This subject deals with the continuum of dispute resolution procedures available in legal practice, including litigation, with emphasis on the skills of negotiation and mediation.

LLB 270 Property and Trusts B

Spring Wollongong On Campus
Credit Points: 8
Pre-requisites: LLB 220
Co-requisite: None
Exclusions: LLB 306
Subject Description: The modern law of real property, including Torrens title, mortgages and co-ownership. Legal and equitable principles relating to the validity of gifts. The law of express trusts, including the powers and obligations of trustees, and remedies of the beneficiary for breach of trust.

LLB 280 Public Law B

Spring Wollongong On Campus
Credit Points: 8
Pre-requisites: LLB 230
Co-requisite: None
Exclusions: LLB 309
Subject Description: This subject introduces students to the fundamentals of federal constitutional law. That includes: touching on the history and outline of our federal constitutional arrangements; identifying approaches to constitutional interpretation and the role of the High Court; outlining the nature of federal legislative power, with a focus on one or more specific heads of power; consideration of the relationship between the Commonwealth and the States; obtaining a basic understanding of federal judicial and executive power; understanding the methods of constitutional change and the place of Indigenous Australians.

LLB 290 Legal Theory

Spring Wollongong On Campus
Credit Points: 8
Pre-requisites: 48 credit points of LLB subjects including LLB160
Co-requisite: None
Exclusions: PHIL270 or LLB312
Subject Description: This subject addresses a selection of issues in jurisprudence, including the nature of law, the basis for legal authority, the scope and limits of law and the relationship between law, morality and values such as justice, liberty, pluralism and autonomy. It provides insights into the way jurisprudence or legal theory informs the practices of law and it addresses the nature of law and applies theoretical perspectives to contemporary issues.

LLB 300 Remedies and Procedure

Autumn Wollongong On Campus
Credit Points: 8
Pre-requisites: LLB210 and LLB307 OR LLB 170 and LLB 240
Co-requisite: None
Exclusions:
Subject Description: The Remedies component of this subject explores the major legal and equitable remedies available in a civil action. These judicial remedies are considered according to the particular purpose or goal that they are intended to achieve, including compensation, punishment, restitution and coercion. In addition, some attention is given to non-judicial (or 'self help') remedies. The Civil Procedure component of the subject examines pre-trial procedure in civil actions in the Supreme Court of New South Wales. Topics covered include case management, causes of action and parties, initiating proceedings, pleadings and service; amendment; pre-trial termination of proceedings; gathering information and evidence.

LLB 301 Evidence

Spring Wollongong On Campus
Credit Points: 8
Pre-requisites: LLB 304 and LLB 307 OR LLB 180 and LLB 240
Co-requisite: None
Exclusions:
Subject Description: Students will examine the rules relating to the sources and admissibility of evidence in civil and criminal trials. Topics will include the burden and standard of proof; the examination of witnesses; credibility, character and tendency evidence; documentary evidence; and the rules in relation to opinion evidence, hearsay, confessions and admissions; illegally obtained evidence; discretions and warnings.

LLB 302 Law of Business Organisations

Autumn Wollongong On Campus
Credit Points: 8
Pre-requisites: LLB306 or LLB270
Co-requisite: None
Exclusions:
Subject Description: The subject introduces the central concerns of a law of organisations, and of the law of business organisations, and the public policies informing the development of the Australian legal response. The range of organisations available for business and non-business purposes and their legal regulation are overviewed. Partnerships are considered, however, companies and their legal regulations are considered in depth, including current policy issues.

LLB 303 Family Law

Autumn Wollongong On Campus
Credit Points: 8
Pre-requisites: LLB 220 or LLB 230 or LLB 240 or LLB305 or LLB 307 or LLB 308
Co-requisite: None
Exclusions: LAW303
Subject Description: The subject examines the legislative framework and common law principles applicable to both the legal recognition of relationships and the resolution of disputes arising from the breakdown of those relationships. Areas covered include: marriage; divorce; nullity; disputes in relation to children under the Family Law Act, 1975 (Cth); property and maintenance disputes for both married and non-married couples; child support and child maintenance; family violence under state and federal legislation; international abduction. The subject also looks at the related areas of state child welfare proceedings and adoption. The course examines what 'family' means today and the challenges our legal system faces in dealing with this fluid concept and recognizing diverse family structures and relationships.

LLB 305 Property and Trusts A

Not on offer in 2013
Credit Points: 8
Pre-requisites: LLB210
Co-requisite: None
Exclusions: LLB 220
Subject Description: Consideration of the notion of property and interests in property; the distinctions between real, personal and intangible property; the notions of ownership, title and possession; legal and equitable interests in property (including the resulting and constructive trust); legal protection of property interests. The law of landlord and tenant, easements and covenants.

LLB 306 Property and Trusts B

Not on offer in 2013
Credit Points: 8
Pre-requisites: LLB305
Co-requisite: None
Exclusions: LLB270
Subject Description: The modern law of real property, including Torrens title, mortgages and co-ownership. Legal and equitable principles relating to the validity of gifts. The law of express trusts, including the powers and obligations of trustees, and remedies of the beneficiary for breach of trust.

LLB 307 Law of Torts

Not on offer in 2013
Credit Points: 8
Pre-requisites: LLB210
Co-requisite: None
Exclusions: LLB240
Subject Description: After a general introduction to legal and policy issues surrounding tort law, students will commence with a study of the torts of trespass, nuisance, battery assault, false imprisonment, and the action on the case for wilful injury. Students will then examine principles governing liability in negligence. Throughout the subject, students will consider the impact of statute law on common law tort principles, in particular the recent attempts to limit civil liability.

LLB 308 Public Law A

Not on offer in 2013
Credit Points: 8
Pre-requisites: LLB100
Co-requisite: None
Exclusions: LLB230
Subject Description: The notion of the state and state power; limitations on state power; the constitutional structure of the Australian nation-state; the notion of division and separation of powers; mechanisms of accountability and control of government officials, including access to government information, the Ombudsman, merits review tribunals and judicial review.

LLB 309 Public Law B

Not on offer in 2013
Credit Points: 8
Pre-requisites: LLB308
Co-requisite: None
Exclusions: LLB 280
Subject Description: This subject introduces students to the fundamentals of federal constitutional law. That includes: touching on the history and outline of our federal constitutional arrangements; identifying approaches to constitutional interpretation and the role of the High Court; outlining the nature of federal legislative power, with a focus on one or more specific heads of power; consideration of the relationship between the Commonwealth and the States; obtaining a basic understanding of federal judicial and executive power; understanding the methods of constitutional change and the place of Indigenous Australians.

LLB 311 Lawyers and Australian Society

Not on offer in 2013
Credit Points: 8
Pre-requisites: LLB304
Co-requisite: LLB210
Exclusions: LLB190
Subject Description: This subject falls into two parts. 1) the nature of professionalism and ethics; the 'legal profession', its regulation, and its rules of conduct; and how the law in practice relates to access to justice. 2) a practical or clinical element, in which students can observe and participate in the practice and operation of the law, through the Professional Experience Placement Program. Each student must undertake 2 placements the first of 20 working days of professional experience and the second of 30 hours of pro bono legal work. The Placement Program is usually undertaken after the Course work in the subject has been completed.

LLB 312 Legal Theory

Not on offer in 2013
Credit Points: 8
Pre-requisites: 48 credit points of LLB subjects including LLB200 or LLB222
Co-requisite: None
Exclusions: PHIL270 or LLB290
Subject Description: This subject addresses a selection of issues in jurisprudence, including the nature of law, the basis for legal authority, the scope and limits of law and the relationship between law, morality and values such as justice, liberty, pluralism and autonomy. It provides insights into the way jurisprudence or legal theory informs the practices of law and it addresses the nature of law and applies theoretical perspectives to contemporary issues.

LLB 313 Legal Research Project A

Autumn Wollongong On Campus
Spring Wollongong On Campus
Credit Points: 8
Pre-requisites: LLB 220 or LLB 230 or LLB 240 or LLB 305 or LLB 307 or LLB 308
Co-requisite: None
Exclusions:
Subject Description: A supervised research paper of no more than 10,000 words on a subject selected by the student and agreed with a supervisor by week 3 of the session of enrolment.

LLB 316 Occupational Health and Safety Law
Autumn Wollongong On Campus
Credit Points: 8
Pre-requisites: LLB 220 or LLB 230 or LLB 240 or LLB 305 or LLB 307 or LLB 308
Co-requisite: None
Exclusions: LAW316
Subject Description: This subject is concerned with the study of the legal regime governing health, safety and welfare of people at work in New South Wales. Its focus will be the Occupationl Health and Safety Act 2000 and the Occupational Health and Safety Regulations 2001. However, the subject will also cover the movement towards a national system of OH&S regulation.

LLB 317 E-Commerce Law
Not on offer in 2013
Credit Points: 8
Pre-requisites: LLB 220 or LLB 230 or LLB 240 or LLB 305 or LLB 307 or LLB 308
Co-requisite: None
Exclusions: LAW 317
Subject Description: The subject explores some of the more significant legal and regulatory issues that e-commerce gives rise to. The internet and other digital communications technological developments provide a new platform for commercial activity and today constitute a new marketplace- the cyber-marketplace. How does familiar commercial law operate in that market-place? What are the special characteristics of the new market-place? On the back of either or both those considerations, do problems arise that legal developments are needed to address? What policy public considerations apply to reveal problem areas and enable us to formulate and evaluate possible 'solutions'. Some problem areas have already been revealed and prompted legal developments. Are they working and delivering the desired solution? This subject involves students exploring these questions. The areas of law traversed include jurisdictional matters, contract and consumer protection, privacy, relevant aspects of intellectual property law (in particular copyright, patents and trademarks), and cybercrime. The perspectives of on-line traders, consumers and other interest groups are weighed in the analysis. The goal is to see if we can advance the realization of e-commerce's social, economic and, perhaps, market transformative potential.

LLB 319 International Business Law
Not on offer in 2013
Credit Points: 8
Pre-requisites: LLB 220 or LLB 230 or LLB 240 or LLB 305 or LLB 307 or LLB308
Co-requisite: None
Exclusions: LAW319
Subject Description: This subject will contain some selected legal and regulatory framework of f international business. Special emphasis will be given to the legal issues related to drafting contracts, and rights and obligations of parties to a business transaction under the current legal regime governing international business. The topics may include:introduction to international and comparative law relevant to international business; formation and interpretation of international contracts for goods and services; transportation of goods; international protection of intellectual property; role of national governments and international organisations in international business; formation, operation and regulation of international business entities, and resolution of international commercial disputes, financing international business transaction, international investment and securities regulation.

LLB 321 Banking Law
Not on offer in 2013
Credit Points: 8
Pre-requisites: LLB 220 or LLB230 or LLB240 or LLB308 or LLB305 or LLB307
Co-requisite: None
Exclusions: LAW 321
Subject Description: LLB321 Banking Law is designed to develop in students a sound understanding of the law governing financial institutions in Australia, and the manner in which these institutions are regulated. The relationship between financial institutions and their customers will be examined, along with the impact of recent technological developments on this relationship and on the business of banking. The law dealing with cheques and other negotiable instruments will be discussed in detail. The issue of security for transactions with financial institutions will be analysed, along with the position of banks as creditors when a customer becomes bankrupt.

LLB 322 Objects and Subjects: Law, Things and Everyday Life
Not on offer in 2013
Credit Points: 8
Pre-requisites: LLB 220 or LLB 230 or LLB 240 or LLB 305 or LLB 307 or LLB 308
Co-requisite: None
Exclusions: LAW 322
Subject Description: What role do material objects play in the law and legal processes? Property, symbols, documents, land and buildings all combine with law to be part of everday life. Law regulates use of these objects, while drawing on them for its own represenations and effectiveness. We are legal subjects in many senses: we act as willing subjects in living our lives: buying and selling, entering into contracts, making decisions. We are also subject to the law. In each of these areas our relationship with the material world is critical: bodies, property and space are all critical interfaces between objects and subjects.

LLB 323 Consumer Protection and Product Liability Law
Spring Wollongong On Campus
Credit Points: 8
Pre-requisites: LLB 220 or LLB 230 or LLB 240
Co-requisite: None
Exclusions:
Subject Description: This subject is concerned with consumers and the protections afforded them under the law. The subject will cover extensive case law and relevant legislation. It will address a wide range of issues including: 1) Privacy rights, unfair branding, passing off, unfair selling practices; 2) Marketers and retailers' liability, product liability, manufacturers' liability; 3) Provisions in the Australian Consumer Law 2010 (Cth) that protect consumer interests and are consistent with Competition Law; 4) Consumer activism as an Australian and international movement. Consumer rights as an inherent part of any sustainable solution in respect of climate change and global warming.

LLB 324 Public Interest Law
Spring Wollongong Flexible
Credit Points: 8
Pre-requisites: LLB290 Legal Theory
Co-requisite: None
Exclusions:
Subject Description: This elective subject will provide an opportunity for later year students to apply the knowledge, skill and attributes developed in their previous law studies to the question of the capacity of law and legal strategies, and other advocacy strategies, to support public interest and social justice campaigns and projects. Students will experience a combination of intensive training (by the Public Interest Advocacy Centre (PIAC), and clinical placement in a legal practice or other organisation (facilitated by the Public Interest Law Clearing House (PILCH), and will complete a public interest research project (supervised Faculty of Law academic staff).

LLB 325 Children and the Law
Autumn Wollongong On Campus
Credit Points: 8
Pre-requisites: LLB 220 or LLB 230 or LLB 240
Co-requisite: None
Exclusions:
Subject Description: This subject will address the key areas of law impacting upon children and young people. It will provide students with the opportunity to explore how social values and attitudes towards children and young people have changed over time and how this has influenced the law as relevant to children and young people. This subject will provide students with the unique opportunity to assess how legal representation of children and young people differs from the legal representation of adults.

LLB 326 Gender, Sexuality and the Law
Not on offer in 2013
Credit Points: 8
Pre-requisites: LLB 220 OR LLB 230 OR LLB 240
Co-requisite: LLB 290
Exclusions:
Subject Description: This paper analyses the relational operation of the categories of gender and sexuality in the law. The approach will be comparative, theoretical and interdisciplinary. Legal discourse will be an area of investigation, and law will also be analysed in its wider cultural and political contexts. Some or all of the following topics are likely to be covered: Theories of gender, sexuality and the law; Sexual citizenship; Kinship, intimacy and the law; Welfare and work; Discursive and material violence; Social justice, activism and social justice lawyering; Human rights; Contract and gender; and Money, sex and gender.

LLB 327 Securities Regulation
Autumn Wollongong On Campus
Credit Points: 8
Pre-requisites: None
Co-requisite: LLB 302
Exclusions:
Subject Description: This subject analyses the law of securities regulation in Australia in the context of global financial and other markets. It will cover the regulation of the primary and secondary capital markets, and the application of these laws in the corporate and commercial sectors. International developments in securities regulation will also be covered. Some or all of the following topics are likely to be covered: History and Globalization of Markets; definition of Security and Financial Product; Regulating Offers of Securities; Regulating Offers of Financial Products; Liability for Defective Disclosure; continuous Disclosure; Insider Trading and Market Manipulation; Takeovers, Mergers and Acquisitions; and International Securities Regulation

LLB 328 Law and Humanities
Autumn Wollongong On Campus
Credit Points: 8
Pre-requisites: LLB 220 OR LLB 230 OR LLB 240
Co-requisite: LLB 290
Exclusions:
Subject Description: This subject explores law's place within the humanities (the liberal arts, visual and representational arts, literature, cultural studies, and history). It examines law's historical origins within the humanities, and considers the role that the humanities play in the practices of legal interpretation, the training of lawyers, and law's influences in the production of the artefacts of the humanities. The subject also investigates how the humanities are used within legal texts, including cases, how they inform the practices of legal interpretation, and what happens when the courts are required to make decisions about cultural products, including visual arts and their representations.

LLB 330 Law of Employment
Autumn Wollongong On Campus
Credit Points: 8
Pre-requisites: LLB 220 or LLB 230 or LLB 240 or LLB 305 or LLB 307 or LLB 308
Co-requisite: None
Exclusions: LAW330
Subject Description: An overview of the rights and duties of individual employers and employees under common law and selected legislation, including: formation, content and termination of the contract of employment; implied duties of employers and employees; remedies at common law; statue-derived employment conditions; unfair dismissal legislation; unfair work contracts; occupational health and safety.

LLB 331 Intellectual Property Law
Spring Wollongong On Campus
Credit Points: 8
Pre-requisites: LLB 220 or LLB 230 or LLB 240 or LLB 305 or LLB 307 or LLB 308
Co-requisite: None
Exclusions: LAW331
Subject Description: This subject provides an overview of the field of intellectual property law. It focuses on the challenging and dynamic area of copyright law. It explores and traces the key areas of patent law, confidential information, trademarks, as well as specialist topics including designs law.

LLB 332 Labour Regulation
Spring Wollongong On Campus
Credit Points: 8
Pre-requisites: LLB 220 or LLB 230 or LLB 240 or LLB 305 or LLB 307 or LLB 308
Co-requisite: None
Exclusions: LAW332
Subject Description: This subject examines the legal regulation of work and labour relations in Australia. After analysing ideas and methods underpinning regulation of the 'labour market' by law, the current system under the Fair Work Act 2009 will be studied by reference to the history of labour regulation in Australia (common law, compulsory arbitration), comparisons with other

countries, and international law under the International Labour Organisation. The subject will study regulation of: institutions and relationships, standard minimum pay and conditions, grievance and dispute resolution (including unfair dismissal), individual and collective bargaining and agreements, regulation of trade unions, law of strikes and industrial action. Students will be assessed in this subject on their critical analysis and evaluation of complex issues, with a group research presentation, an individual research essay and a final exam.

LLB 334 Environmental Law

Spring Wollongong On Campus
Credit Points: 8
Pre-requisites: LLB 220 or LLB 230 or LLB 240 or LLB 305 or LLB 307 or LLB 308
Co-requisite: None
Exclusions: Not to count with LAW334 or LLB3911
Subject Description: The goal of this subject is to enable students to develop a basic, critical understanding of the law in relation to ecologically sustainable development in Australia, with an emphasis on biodiversity conservation . It covers Commonwealth and NSW jurisdictions. It focuses on environmental law and policy making, including statutory planning instruments, assessment of development proposals and opportunities for appeal, new conservation mechanisms such as offsetting, on-reserve management and the role of the Courts.

LLB 335 Anti-Discrimination Law

Spring Wollongong On Campus
Credit Points: 8
Pre-requisites: LLB 220 or LLB 230 or LLB 240 or LLB 305 or LLB 307 or LLB 308
Co-requisite: None
Exclusions: LAW335
Subject Description: An analysis and appraisal of laws prohibiting discrimination in Australia on various grounds, including: sex, marital status, carer responsibilities, race, disability, age, sexual preference and transgender. Laws prohibiting harassment and vilification will also be examined. The subject includes exploration of the aims and social context of anti-discrimination legislation, as well as related concepts such as equal opportunity, social justice and affirmative action. Examination of processes for complaints, dispute resolution and enforcement, and powers of investigative and adjudicatory bodies.

LLB 337 Comparative Studies in Law

Not on offer in 2013
Credit Points: 8
Pre-requisites: LLB 220 or LLB 230 or LLB 240 or LLB305 or LLB307 or LLB308
Co-requisite: None
Exclusions:
Subject Description: A comparison of the French civil law with the common law of England and Australia, with the objective of developing an appreciation of different legal systems and approaches.

LLB 338 International Trade Law

Not on offer in 2013
Credit Points: 8
Pre-requisites: 48 credit points of LLB subjects
Co-requisite: None
Exclusions:
Subject Description: This course aims to provide the students with an introduction to the rules and institutions governing international trade. It looks at the economics and politics of the international trade system, and then examines the basic WTO rules for international trade in goods, including the principles of non-discrimination (most-favoured-nation treatment and national treatment), the basic rules on market access (tariffs, quantitative restrictions and other non-tariff barriers, including food standards and technical standards). The course addresses a number of specific issues in WTO law and policy, such as trade in services, trade-related intellectual property (TRIPS), trade and investment, trade and the protection of the environment, the regulation of genetically modified organisms (GMOs), and developing countries and the multilateral trading system. It continues with overview and evolution of the settlement of disputes in GATT/WTO, and finally the course examines contemporary issues involving various bilateral and regional agreements operating in Europe and America, such as North American Free Trade Association, European Union, and free trade agreements.

LLB 339 Advanced Criminal Law

Not on offer in 2013
Credit Points: 8
Pre-requisites: LLB 180 and LLB 220 or LLB 230 or LLB 240
Co-requisite: None
Exclusions:
Subject Description: This course will provide students with an opportunity to continue their learning about criminal law and process developed during the compulsory subjects LLB130 and LLB180. The subject will cover substantial Commonwealth offences such as terrorism, secrecy and social security fraud as well as process and enforcement topics such as search warrants, listening devices, confiscation and forfeiture proceeds of crime, money laundering and sentencing.

LLB 341 Revenue Law

Spring Wollongong On Campus
Credit Points: 8
Pre-requisites: LLB 220 or LLB 230 or LLB 240 or LLB 305 or LLB 307 or LLB 308
Co-requisite: None
Exclusions:
Subject Description: Revenue Law, or taxation law, is one of the highly technical fields of law bringing together economic, accounting and financial concepts into a legal construct for the determination of how the costs of good government are to be shared among the members of society. Taxation pervades everyone's life in some way, whether in the form of income tax, for instance, or some form of consumption or other tax like the GST. LLB341 is confined to the Income Tax Assessment Act (1936/97), the Fringe Benefits Tax Assessment Act and associated legislation. These fields alone provide more than enough content for a one semester subject, but are essential for those students seeking registration as CPAs or Chartered Accountants after completing a combined Commerce/Law degree.

LLB 343 International Law

Autumn Wollongong On Campus
Spring Wollongong On Campus
Credit Points: 8
Pre-requisites: LLB 220 or LLB 230 or LLB 240 or LLB305 or LLB307 or LLB308
Co-requisite: None
Exclusions: LAW343 or INTR900
Subject Description: The international legal system; sources of international law; the relationship between domestic law and international law; statehood; jurisdiction; state responsibility; international dispute resolution; selected specialist areas such as law of the sea, environmental law and human rights.

LLB 344 Indigenous Peoples and Legal Systems

Autumn Wollongong On Campus
Credit Points: 8
Pre-requisites: LLB 220 or LLB 230 or LLB 240 or LLB305 or LLB307 or LLB308
Co-requisite: None
Exclusions: LAW344
Subject Description: This subject is an introduction to the relationship between Indigenous and non-Indigenous laws and legal systems in Australia. It considers the nature and status of Aboriginal and Torres Strait Islander laws, and explores some of the specific legal issues of current relevance to Indigenous peoples in Australia. Topics include the impact of European colonisation, over-representation in the criminal justice system, land rights and native title, recognition of Indigenous law, and self-determination.

LLB 348 Media Law

Autumn Wollongong On Campus
Credit Points: 8
Pre-requisites: LLB 220 or LLB 230 or LLB 240 or LLB 305 or LLB 307 or LLB 308
Co-requisite: None
Exclusions: LAW348
Subject Description: Making and creating the content consumed by the public is subject to a range of areas of law, which are collectively known as media law. While media law has always affected media industries, the same laws also affect individuals who create content on the web. This subject looks at the theoretical basis behind the law affecting both industries and individuals, including debates over freedom of expression; the law affecting content created by both industries and individuals, including defamation law, confidentiality, court reporting rules, and outlawed content; and the regulation of media industries.

LLB 349 Feminism and Law

Not on offer in 2013
Credit Points: 8
Pre-requisites: 48 credit points of LLB subjects
Co-requisite: None
Exclusions:
Subject Description: Feminism and law explores analytic and ethical issues that arise in feminist philosophy and the ways these issues shape feminist debate. The subject also examines the relationship between feminism and philosophy through an exploration of the following topics: equality and difference, rationality and reasoning, subjectivity, autonomy and agency, embodiment, moral reasoning, justice and interdependence, the public/private, civic/domestic and sex/gender distinctions, citizenship and access to social goods. It applies these concepts to law, legal institutions and the practice of law in Australia. It subjects the institutions of law and their practitioners to scrutiny from a feminist perspective.

LLB 350 Special Study in Law A

Spring Wollongong On Campus
Credit Points: 8
Pre-requisites: LLB 220 OR LLB 308 OR LLB 240 OR LLB 305 OR LLB 307 OR LLB 230
Co-requisite: None
Exclusions:
Subject Description:

LLB 351 Special Study in Law B

Not on offer in 2013
Credit Points: 8
Pre-requisites: LLB 220 or LLB 230 or LLB 240 or LLB 305 or LLB 307 or LLB 308
Co-requisite: None
Exclusions:
Subject Description:

LLB 352 Jessup International Law Moot

Not on offer in 2013
Credit Points: 8
Pre-requisites: 48 credit points of LLB subjects and permission of Dean or Sub-Dean
Co-requisite: None
Exclusions:
Subject Description: The subject is to support the University's participation in the Phillip C. Jessup International Law Moot. The Jessup Moot is the largest mooting competition in the world. It typically attracts upwards of 500 law schools, and has operated for 50 years. The competition is based around a single international law problem, for which teams prepare cases for both the applicant and respondent States. The problem is usually in excess of 10 pages in length, and raises complex legal issues. The competition takes place in two phases. All teams prepare written submissions, called memorials, for each side of the problem. The memorials are limited in length and are submitted in early January. In any given moot, the memorials are worth one third of the available points. In addition, oral submissions are made by two team members, over 45 minutes, during which time they may be interrupted by questions from a bench of three judges. The team with the highest combined scores for memorials and oral submissions wins a particular moot. The size and scope of the problem means that it is not practical for an individual to ever become familiar with the entire problem in the time provided. As such, teams consist of up to five individuals. In Australia, these teams work on the problem over the summer, usually commencing work immediately following the Spring session final examinations.

LLB 353 Contemporary Issues in Southeast Asian Law

Not on offer in 2013
Credit Points: 8
Pre-requisites: LLB220 or LLB230 or LLB240
Co-requisite: None
Exclusions:
Subject Description: The course will examine, in a comparative context, topics of world-wide concern such as the rule of law, legal pluralism, religion and state, human rights, anti-terrorism law and constitutional issues in the context of law and governance in Asia. These issues will be explored in the format of student-led seminar discussions of primary and secondary texts. Students in this subject

will gain a comparative overview of the legal systems of Indonesia, Malaysia and Singapore, with reference to other Asian countries as appropriate.

LLB 354 Human Rights Law

Autumn Wollongong On Campus
Credit Points: 8
Pre-requisites: LLB 220 or LLB 230 or LLB 240 or LLB305 or LLB307 or LLB308
Co-requisite: None
Exclusions:
Subject Description: This subject introduces students to international human rights law. It examines the major international human right instruments, a selection of specific human rights and issues and controversies in modern human rights discourse.

LLB 355 Bankruptcy and Corporate Insolvency Law and Practice

Not on offer in 2013
Credit Points: 8
Pre-requisites: LLB 302 and (LLB 220 or LLB 230 or LLB 240 or LLB 305 or LLB 307 or LLB 308)
Co-requisite: None
Exclusions:
Subject Description: The subject examines the legal principles governing the 'mop-up' after corporate collapses. Topics include: the duties of directors and companies in the period leading up to a corporate collapse; the position of creditors employees and shareholders of the insolvent entity after collapse; and the roles and duties of the various forms of administrator that may be appointed to an insolvent entity.

LLB 356 Insurance Law

Not on offer in 2013
Credit Points: 8
Pre-requisites: LLB 240
Co-requisite: None
Exclusions:
Subject Description: This course will provide students with an introduction to the general principles of insurance law. It will include an overview of the legislation that relates to insurance, particularly the Insurance Contracts Act 1984 (Cth), and the legislation that regulates the insurance industry, particularly Chapter 7 of the Corporations Act 2001 (Cth) and the Insurance Act 1973 (Cth), as well as an examination of the common law relating to insurance law. There will also be a consideration of the fundamental principles in insurance law such as the duty of utmost good faith, the duty of disclosure, double insurance, contribution, subrogation and reinsurance. This course is taught with an emphasis on the practical application of the principles of insurance law. Therefore, the fundamental principles will be considered in a practical context. In addition, there will be a consideration of various insurance policies, standard policy conditions and exclusions as well as indemnity issues. The course will also include an examination of insurance law in a dispute resolution framework in terms of the nature of insurance disputes, dispute resolution mechanisms and insurance litigation.

LLB 357 Conflict of Laws

Not on offer in 2013
Credit Points: 8
Pre-requisites: LLB210 and LLB307 OR LLB170 and LLB240
Co-requisite: None
Exclusions:
Subject Description: This elective subject will provide an overview of the legal principles that apply when a court in New South Wales (or a court exercising federal jurisdiction) hears a matter that involves events occurring, or persons resident, outside New South Wales (or in the case of a court exercising federal jurisdiction, outside Australia). These principles cover three main areas: (i) jurisdiction - in what circumstances will the forum court deal with a matter involving a 'foreign' element?; (ii) choice of law - if the forum court does take jurisdiction, what law will it apply to dispose of the matter?; and (iii) foreign judgments - in what circumstances will a foreign judgment be recognised within the forum? The subject will consider the particular constitutional and statutory principles that apply to intra-Australian conflicts. Although conflict of laws principles apply to every area of private law, special attention in this subject will be given to the areas of tort, contract and family law.

LLB 358 Marine Resources Law

Not on offer in 2013
Credit Points: 8
Pre-requisites: LLB308 or LLB230
Co-requisite: None
Exclusions:
Subject Description: This elective examines the legal rules that have developed to protect and exploit Australia's marine resources. The subject focuses on the following areas: (i) the policy arena of marine environmental law (eg the application of sustainable development principles to the management of living marine resources); (ii) the philosophical underpinnings of access and control of marine resources (eg the public right to fish, 'proprietary interests' in marine resources); (iii) international fisheries laws; (iv) the constitutional division of power for marine resource management; and (v) specific areas of topicality and legal uncertainty (eg marine protected areas, aquaculture development, offshore native title, enforcement issues).

LLB 359 Corporate Governance

Autumn Wollongong On Campus
Credit Points: 8
Pre-requisites: LLB 302
Co-requisite: None
Exclusions: LAW302
Subject Description: This subject will examine fundamental governance and regulatory issues. An emphasis will be placed on international and comparative corporate governance. Topics may include: theories of the corporation and their implications for corporate governance; the role of regulators in corporate governance; internal governance mechanisms; the role of shareholders, directors, management and auditors in corporate governance; directors' disclosure; insider trading; the role of institutional shareholders; the role of non-executive directors; the remuneration debate; the role of the market in corporate governance; corporate social and environmental responsibility

LLB 361 Law and Popular Culture

Not on offer in 2013
Credit Points: 8
Pre-requisites: LLB220 or LLB230 or LLB240 and LLB290
Co-requisite: None
Exclusions:
Subject Description: LLB 361 will investigate the ways in which images of law as presented in popular culture (cinema, television, fictional novels and news media) depict, distort and critique the operation of law in practice. Topics explored include: justice in the fantasy genre, the 'fight club' of legal positivism, legalism and hierarchy in the law school, gender in the legal profession, and civil v criminal law as dramatic justice. Texts will be comprised of a range of material from the various genres, including: Buffy the Vampire Slayer (TV series); Fight Club (movie); Harry Potter and the Goblet of Fire (novel), Damages (TV series), SMH (news media) and so on.

LLB 363 Advanced Family Law

Not on offer in 2013
Credit Points: 8
Pre-requisites: LLB 303
Co-requisite: None
Exclusions:
Subject Description: LLB 303 Families Children and Welfare introduced students to the main legislative provisions, case law, principles and key issues in the area of family law. This subject builds on the content of LLB 303. It will look at some of the more complex topics covered in that subject in more detail and examine the interaction between family law and wider social issues as well as its interaction with other areas of law. LLB 363 will also involve critical analysis of the way Family Law is dealt with in Australia and give comparison with other jurisdictions.LLB 363 Advanced Family Law will focus on:- current issues in family law including recent legislative changes, self-represented litigants, relocation and other specific issues.- the family law's impact on and interaction with wider social issues.- the link between family law and other areas of substantive law including taxation law and social security law.- the role and duties of family lawyers.- critical examination of the family law legislative framework and identification of possible reform.- comparison of Australian family law with family law in other countries.

LLB 364 Islamic Law

Spring Wollongong On Campus
Credit Points: 8
Pre-requisites: LLB 220 or LLB 230 or LLB 240 or LLB 305 or LLB 307 or LLB 308
Co-requisite: None
Exclusions:
Subject Description: This subject is designed as an elective subject for students in the latter years of their LLB studies. Over 50 % of the world's Muslim population is in Australia's 'neighbour' region - Asia. In the context of a post-September 11 2001 globalised world, it is important that LLB students have the opportunity to develop their understanding of Islamic law - one of the most significant non-common law legal system in the world. This subject will allow students to better understand the current 'War on Terror' by illuminating one of the contexts - that of Islamic law - within which violent Islamist extremists claim justification for terrorist acts (falsely according to most Muslims). The subject will also facilitate understanding of how Islamic law operates in selected Southeast Asian countries with which Australia has economic, political, security and regional networks. In light of the progressive emergence of the global market, it is importance for law students to extend their knowledge of other legal systems.

LLB 365 International and Comparative Intellectual Property Law

Not on offer in 2013
Credit Points: 8
Pre-requisites: LLB331 and (LLB 220 or LLB 230 or LLB 240 or LLB305 or LLB307 or LLB308)
Co-requisite: None
Exclusions: LAW365, LLB9365
Subject Description: The subject focuses on international law relating to protection of intellectual property (IP) and on increasingly vital and global role of IP in respect of trade and economic development. It will look, in particular, at the current trend of successive strengthening and harmonisation of IP protection at multilateral, regional and bilateral levels. It will also examine comparative systems of IP law within the framework of the relevant international treaties and conventions. The subject intends to examine not only the international regulation for IP protection but also the profound implications of such rules and the process for innovation, technology transfer, market competition and economic development. The fundamental IP issues may include: the interface between IP protection and international trade, IP rights and parallel importation, IP rights evolving in cyberspace and access to and use of information technologies, the patenting of biotechnological products and processes and the socio-economic and ethical implications of biotechnological patenting, the protection of plant varieties, the protection of traditional knowledge and access to genetic resources, the patenting of pharmaceuticals and the problems relating to access to essential medicines, the developing importance of geographical indications, and the protection of well-known marks.

LLB 366 Animal Law

Not on offer in 2013
Credit Points: 8
Pre-requisites: LLB 308 or LLB 230
Co-requisite: None
Exclusions:
Subject Description: This subject explores the way in which the law constructs the relationship between human and nonhuman animals. It incorporates a critical examination of the status of animals as property and the various theories that underpin the distinction between animal welfare and animal rights. Against this background, State and federal laws in relation to animals are identified, with a focus on evaluating the complex regulatory framework that governs animal welfare in NSW. Issues arising out of the practical operation of the law are examined in relation to both companion and farm animals, with particular attention to the operation of codes of practice. Some reference is also made to the use of animals in research and wild animals. The enforcement of animal welfare laws is explored, including the strengths and weaknesses of a charitable organisation, the RSPCA, acting as the principal law enforcement body. Although the emphasis is on Australian law, some overseas developments are considered, as well as the role of lawyers in the developing field of animal advocacy.

LLB 367 Elder Law
Not on offer in 2013
Credit Points: 8
Pre-requisites: LLB220 OR LLB230 OR LLB240 OR LLB305 OR LLB307 OR LLB308
Co-requisite: LLB270 OR LLB306
Exclusions:
Subject Description: This subject examines the law relating to older people in Australia. As well as considering laws which specifically relate to the rights and responsibilities of older people, the impact of generic areas of law, such as succession, family law, health law, anti-discrimination law, contracts and torts are also considered.

LLB 375 Special Studies in Law C
Not on offer in 2013
Credit Points: 8
Pre-requisites: LLB 220 OR LLB230 OR LLB240 OR LLB305 OR LLB307 OR LLB308
Co-requisite: None
Exclusions:
Subject Description: The right to protection of privacy in Europe - and in Australia - is at an interesting stage of transition. In the UK, this has resulted from the interpretation of the common law so as to give expression to Article 8 of European Convention on Human Rights (right to respect for private and family life). Reasons for this development include: (1) the implications of new information technology that allows ordinary people to communicate to large populations and also preserves information about them indefinitely in a form that can be accessed easily by anyone (eg facebook); and (2) the impact of feminist critiques of the liberal public/private divide. Feminists have been successful in highlighting how historically the right to privacy allowed the abuse of women and children to occur without state interference, provided it took place within the home. This subject will explore the many different definitions of privacy, along with the moral/legal question of which rights should be protected, given the current sensitivities of European/ Australian cultures.

LLB 376 Special Studies in Law D
Not on offer in 2013
Credit Points: 8
Pre-requisites: LLB 220 OR LLB230 OR LLB240 OR LLB305 OR LLB307 OR LLB308
Co-requisite: None
Exclusions:
Subject Description: The communities served by lawyers, the practice contexts in which they work, and the problems they encounter are increasingly diverse, complex, transnational and global in character. This demands new competencies and raises a host of new issues about ethics and professionalism. Knowledge of other legal systems and the norms of professional conduct in other jurisdictions is increasingly essential in such settings. The overall objective of this subject is to encourage students to engage in an expansive and moral conversation about lawyering that will lead to a reflective and critical approach to ethical lawyering in a global community. As such, the course will not only introduce students to the breadth and diversity of visions of lawyering, but will also enable them to grasp some of the basic ICT (international, comparative and transnational) concepts. To achieve these objectives, a variety of teaching strategies and materials will be utilised.

LLB 377 Special Studies in Law E
Not on offer in 2013
Credit Points: 8
Pre-requisites: LLB 220 or LLB 230 or LLB 240 or LLB 305 or LLB 307 or LLB 308
Co-requisite: None
Exclusions:
Subject Description: This subject involves a study in depth of a selected area of law. Topics for this subject may be drawn from any area of law which the Associate Dean, Teaching and Learning considers to be suitable preparation for an undergraduate degree, appropriate to the special interests of Students, and in which the library has adequate resources.

LLB 378 Special Studies in Law F
Not on offer in 2013
Credit Points: 8
Pre-requisites: LLB 220 or LLB 230 or LLB 240 or LLB 305 or LLB 307 or LLB 308
Co-requisite: None
Exclusions:
Subject Description: This subject involves a study in depth of a selected area of law. Topics for this subject may be drawn from any area of law which the Associate Dean, Teaching and Learning considers to be suitable preparation for an undergraduate degree, appropriate to the special interests of Students, and in which the library has adequate resources.

LLB 379 Special Studies in Law G
Not on offer in 2013
Credit Points: 8
Pre-requisites: LLB 220 or LLB 230 or LLB 240 or LLB 305 or LLB 307 or LLB 308
Co-requisite: None
Exclusions:
Subject Description: This subject involves a study in depth of a selected area of law. Topics for this subject may be drawn from any area of law which the Associate Dean, Teaching and Learning considers to be suitable preparation for an undergraduate degree, appropriate to the special interests of Students, and in which the library has adequate resources.

LLB 380 Special Studies in Law H
Not on offer in 2013
Credit Points: 8
Pre-requisites: LLB 220 or LLB 230 or LLB 240 or LLB 305 or LLB 307 or LLB 308
Co-requisite: None
Exclusions:
Subject Description: This subject will provide students with an understanding of the statutory and common law rules regulating financial products and corporate finance. It will address regulation of the stock market and of the primary and secondary markets in financial products..

LLB 381 Special Studies in Law I
Autumn Wollongong On Campus
Credit Points: 8
Pre-requisites: LLB 220 or LLB 230 or LLB 240 or LLB 305 or LLB 307 or LLB 308
Co-requisite: None
Exclusions:
Subject Description: This subject involves a study in depth of a selected area of law. Topics for this subject may be drawn from any area of law which the Associate Dean, Teaching and Learning considers to be suitable preparation for an undergraduate degree, appropriate to the special interests of Students, and in which the library has adequate resources - Commercial Dispute Resolution - this course is aimed at giving specific dispute resolution skills to graduates who see themselves as practising actively in the business world, handling matters involving contract, finance and property. The workshops derive their substance from actual mediations and disputes. They involve some of the most frequently pleaded heads of law in commercial litigation, such as misleading and deceptive conduct, misrepresentation, and unconscionable conduct. For meaningful involvement in these workshops it will be necessary for students to become familiar, through the required readings, with the substantive law in these areas.

LLB 382 Special Studies in Law J
Not on offer in 2013
Credit Points: 8
Pre-requisites: LLB 180 or LLB 304
Co-requisite: None
Exclusions:
Subject Description: International and Comparative Counterterrorism Law The balance of the needs of law enforcement agencies in the fight against terrorism and the rights of individuals - both terrorist suspects and the general public - are a matter of extensive discussion. This course will examine the scope of permissible and impermissible operations to combat terrorism by examining and comparing rules of domestic and international law and practice. We will focus on the effort lawmakers and courts have placed on striking a balance between the protection of the public and the preservation of a democracy-based rule of law. We will discuss inter alia the following topics: the question of a definition of terrorism, or the absence thereof; civil and military detention of terrorist suspects; interrogation practices; due process v. national security; the scope of counterintelligence operations, in particular those of an extra-territorial character; terrorism and immigration law; non-criminal sanctions, or suing terrorists in court; and targeted killings. In particular, we will look at the law of the European Court of Human Rights and United States constitutional law.

LLB 397 Legal Internship
LIP Summer Wollongong On Campus
LIP Session 1 Wollongong On Campus
LIP Session 2 Wollongong On Campus
Credit Points: 2
Pre-requisites: LLB197 and (LLB220 or LLB230 or LLB240 or LLB305 or LLB307 or LLB 308
Co-requisite: None
Exclusions:
Subject Description: This subject is the vehicle for a practical placement designed to: expose students to the application of the law in practice; enable students to understand the importance of developing the skills of legal research; communication, drafting, practice management and problem solving; and enable students to observe and reflect upon the values, ethical standards and conduct of the legal profession in practice.

LLB 424 Joint Research Honours in Law and Another Discipline
Not on offer in 2013
Credit Points: 24
Pre-requisites: Completed requirements to qualify for the LLB with a WAM of at least 70
Co-requisite: A 24 credit point Joint Honours program in another Faculty or CREA402
Exclusions:
Subject Description: Students may gain Joint Honours by Research in the LLB and their other degree by completing this subject, an add-on Honours year. The program involves submission of a jointly supervised research thesis on a topic agreed between the Faculties, and written and oral presentations of intermediate tasks, including a research proposal and work in prgress seminars. Joint Honours students attend certain seminars from the Honours pogram of each Faculty, determined by the Honours Coordinators of both academic units before the commencement of the first session of enrolment.

LLB 448 Research Honours in Law
Annual Wollongong On Campus
Credit Points: 48
Pre-requisites: Completed requirements to qualify for the LLB with a WAM of at least 70
Co-requisite: None
Exclusions:
Subject Description: Students may gain Honours by Research in the LLB program by completing this subject, an add-on Honours year. The program involves submission of a supervised research thesis, and written and oral presentations of intermediate tasks, including a research proposal and work in progress seminars. Honours students join postgraduate research students for a seminar course run in Autumn session each year. This program introduces students to conceptual and methodological issues involved in developing and carrying out a project in a law related area of research. A coursework component may be included in individual cases.

LLB3920 Land Development Law
Not on offer in 2013
Credit Points: 8
Pre-requisites: LLB 220 or LLB 230 or LLB 240 or LLB 305 or LLB 307 or LLB 308
Co-requisite: None
Exclusions:
Subject Description: The core of the subject is law and policy in relation to developing one's own land. It thereby follows on from where property law ends but in a very different context. The law relates to functions and powers of local and state governments in both plan-making and the assessment and determination of land use proposals on private and public land. The interrelationship between relevant spheres of government is also considered. The financial and environmental frameworks in which land development and relevant agencies operate are critically approached, together with the courts and other mechanisms that deal with land use disputes. Considerable emphasis is placed on local government.

LLB3921 Marine Resources Law

Not on offer in 2013
Credit Points: 8
Pre-requisites: 48 credit points of LLB subjects
Co-requisite: None
Exclusions: This subject is not available to students who have completed LLB334 Environmental Law
Subject Description: The legal regulation of the resources of the sea under the United Nations Convention on the Law of the Sea 1982 and its associated instruments, in particular, living resources in the exclusive economic zone (fisheries), non-living resources on the continental shelf (hydrocarbons); high seas fishing, sea-bed mining and ocean thermal energy. Analysis of domestic issues in the implementation of the international regime, within a multiple use conceptual framework.

LLB3923 Law of the Sea

Autumn Wollongong On Campus
Credit Points: 8
Pre-requisites: LLB 220 or LLB 230 or LLB 240 or LLB 305 or LLB 307 or LLB 308
Co-requisite: None
Exclusions:
Subject Description: The course provides students with an overview of the historical context of the development of the law of the sea and with a working knowledge of customary law. The rules of the Law of the Sea Convention form the core of studies and their implementation is critically examined. Other relevant global and regional conventions will be considered and particular attention given to Asia-Pacific regional issues. Reference is made throughout the course to the incorporation of the international law of the sea into Australian law and practice. Comparisons of developments in other jurisdictions and regions assist the analysis of international and Australian practice. The course will conclude with discussion on the challenges for further development of the law of the sea.

LLB3924 International Environmental Law

Not on offer in 2013
Credit Points: 8
Pre-requisites: LLB 220 or LLB 230 or LLB 240 or LLB 305 or LLB 307 or LLB 308
Co-requisite: None
Exclusions:
Subject Description: The relevant legal rules at the international level designed to protect the global environment. The historical development of these rules and the institutional framework within which they are made and enforced. The weaknesses of international environmental law, focusing on problems of domestic implementation.

LLB3958 International and Comparative Criminal Law

Not on offer in 2013
Credit Points: 8
Pre-requisites: LLB 180 or LLB 304
Co-requisite: None
Exclusions: LEGL958
Subject Description: This course introduces students to comparative criminal law and then examines the emerging field of international criminal law and practice. The first part, Part A, will involve a comparison of the adversarial criminal justice system of the Common Law with the inquisitorial criminal justice system of French and Spanish Civil Law in national legal systems. The purposes and methodologies of comparative law will be discussed, before undertaking a comparison. The historical development of the criminal justice systems will be discussed and the systems currently in place then examined, with a view to identifying and understanding the similarities and differences between the national civil and common law approaches to selected criminal procedures and substantive crimes. The second part, Part B, will examine the development and operation of the international legal framework for the prosecution of international and transnational crimes. It will examine the international crimes of genocide, war crimes, and crimes against humanity, placed within the historical experience of international military and criminal tribunals and the recently established International Criminal Court, as well as hybrid tribunals. The domestic prosecution of international crimes in Australia and Canada will be discussed, together with transnational coordination of prosecutions for crimes of international concern such as organized crime, terrorism and torture.

MACS470 Media and Cultural Studies Honours

Autumn Wollongong On Campus
Spring Wollongong On Campus
Credit Points: 12
Pre-requisites: Major in MACS with at least 80% average plus two Distinctions at 300 level subjects in MACS
Co-requisite: None
Exclusions:
Subject Description: The subject offers advanced training in the area of media and cultural studies, informed by current theoretical and methodological approaches. Students will be encouraged to apply these approaches to their research projects and develop appropriate strategies for successful research in the field. Particular attention will be given to key concepts and theories, their development and application.

MACS472 Joint Honours in MACS and Another Discipline

Autumn Wollongong On Campus
Spring Wollongong On Campus
Credit Points: 12
Pre-requisites: Major in MACS with at least 80% average plus two Distinctions at 300 level subjects in MACS; AND meet the Honours pre-requisites for the other discipline in the Joint Honours program
Co-requisite: None
Exclusions:
Subject Description: The subject offers advanced training in the areas of media and cultural studies and the other discipline involved, informed by current theoretical and methodological approaches. Students will be encouraged to apply these approaches to their research projects and develop appropriate strategies for successful research in the field. Particular attention will be given to key concepts and theories, their development and application.

MAND151 Chinese (Mandarin) for Beginners 1A

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions: LANG196
Subject Description: MAND151 has a dual focus on communicative and structural aspects of the language using a methodology that combines aspects of the communicative and functional/situational approach with grammar instruction. Listening, speaking, reading and writing skills are developed through a combination of the classroom activities and assignments. It is designed to give students grounding in the skills they need to understand and use Mandarin in a range of everyday, non-specialist contexts such as formal/informal social occasions and the classroom context. It will also provide an introduction to the character based writing system. Use is made of diverse media including audiovisual material and computer-aided language teaching. Class time is divided between interactive language work, linguistic reflection and introduction to Chinese culture and society. Oral and written assessment tasks are continuous throughout the session.

MAND152 Chinese (Mandarin) for Beginners 1B

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: MAND151 or LANG196
Co-requisite: None
Exclusions: LANG197
Subject Description: In this subject the elementary Mandarin language acquired in MAND151 is reinforced and extended using a methodology that combines aspects of the communicative and functional/situational approach with grammar instruction. It is designed to give students a grounding in the skills they need to understand and use Mandarin in a range of everyday situations. The writing system will continue to be introduced and practiced. Use is made of diverse media including audiovisual material and computer-aided language teaching. Class time is divided between interactive language work, linguistic reflection and acculturation into Chinese culture and society.

MAND161 Chinese (Mandarin) for Character Background Students (CBS) 1A

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions: LANG198
Subject Description: Mandarin 161 is an accelerated subject in Mandarin, designed for students from mainland China, Taiwan, Hong Kong or students who have education background in Chinese. Students who possess equivalent competence are also eligible for this subject, eg. students who complete HSC Chinese for background speakers. The subject aims to further enhance students' four language skills -listening, speaking, reading and writing. Emphasis will be on the practical use of the language in the international context, particularly the use Chinese for education or academic purpose. Translation practice from English to Chinese and Chinese to English will be conducted in the learning activities

MAND162 Chinese (Mandarin) for Character Background Students (CBS) 1B

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: MAND161 or LANG198 or HSC Chinese Mandarin or equivalent.
Co-requisite: None
Exclusions:
Subject Description: In this subject the Mandarin language studied in MAND161 is reinforced and extended. The emphasis will be given to enhance students Chinese language skills and higher order thinking skills in a variety of social, cultural and educational contexts. Students' knowledge of genres of writing in Chinese will be reinforced via close reading of original texts in Chinese or bilingual texts in Chinese and English. Students will access scholarship of Chinese culture and heritage from Mainland China and beyond.

MAND251 Intermediate Chinese for Non-Chinese Background Students (NCB) 2A

Autumn Wollongong On Campus
Credit Points: 8
Pre-requisites: MAND152 or the equivalent or continuers' HSC (non-background students only)
Co-requisite: None
Exclusions:
Subject Description: MAND251 Intermediate Chinese for non-background students (NBS) 2A consolidates and extends the linguistic skills and cultural understanding gained in the beginners' level subjects (MAND 151 and MAND 152) or equivalent course such as the HSC continuers' course. This subject develops proficiency in all four macro-skills: Listening, speaking, reading, and writing. The subject covers topics relevant to tertiary students such as campus life, career planning, social issues and aspects of Chinese cultural traditions. A focus on linguistic structures helps to extend students' understanding of Chinese grammar. Students will make use of interactive practice,linguistic analysis and comparison between English and Chinese, as well as extensive out-of-class practice exercises, both oral and written, to develop their proficiency in Mandarin. Along with the conversational register, this subject will also Introduce some elements of more formal written expression.

MAND252 Intermediate Chinese for Non-Chinese background Students (NCB) 2B

Spring Wollongong On Campus
Credit Points: 8
Pre-requisites: MAND251
Co-requisite: None
Exclusions:
Subject Description: MAND252 consolidates and extends the intermediate fluency in Mandarin Chinese which students acquired In MAND 251. This subject will develop all four macro-skills: Listening, speaking, reading, and writing. The subject covers topics focusing on such experiences as part-time work, personal relationships, and the use of computer technology as a communication tool. This subject allows students to explore and analyse the context of communication skills within the Chinese language and its culture. Students will identify, analyse and evaluate diverse aspects of the Chinese language including its vocabulary structures in formal and informal situations. Class time is divided between interactive language work, linguistic reflection and the discussion of issues relating to Chinese culture and society.

MAND253 Mandarin: In-Country Study

Spring Wollongong On Campus
Credit Points: 8
Pre-requisites: 12 cps in 200 level Mandarin
Co-requisite: None
Exclusions:
Subject Description: MAND253 Mandarin In-Country Session requires students to attend a Chinese university and attend lectures/seminars/excursions to enhance both language and cultural understanding. The study plan must be approved by the coordinator of the Mandarin program before the student's departure.

MAND261 Intermediate Chinese for Character Background Speakers (CBS) 2A

Autumn Wollongong On Campus
Credit Points: 8
Pre-requisites: MAND162
Co-requisite: None
Exclusions:
Subject Description: MAND261 consolidates and extends students' fluency in Mandarin Chinese acquired in MAND162. The subject focuses on developing students' integrated skills of reading, writing, listening, and speaking. A focus on linguistic structures helps to extend students' understanding of Chinese grammar and allows them to develop more sophisticated skills in composition. It also facilitates a deeper understanding of contemporary Chinese history, culture and society.

MAND262 Intermediate Chinese for Character Background Speakers (CBS) 2B

Spring Wollongong On Campus
Credit Points: 8
Pre-requisites: MAND261
Co-requisite: None
Exclusions:
Subject Description: MAND262 Intermediate Chinese for background Speakers 2B consolidates and extends students' fluency acquired in MAND 261. Grammar usage is expanded and strategies for effective reading are practised. This subject also extends students' awareness and understanding of Chinese culture and society by examining the diversity within Chinese-speaking countries and in Chinese diasporic communities, and by exploring the issue of intercultural communication.

MAND351 Advanced Chinese for Non-Chinese background Students (NCB) 3A

Autumn Wollongong On Campus
Credit Points: 8
Pre-requisites: MAND252
Co-requisite: None
Exclusions:
Subject Description: MAND351 Advanced Chinese 3A (NBC) is designed to consolidate and extend the fluency in Chinese that students have acquired at the intermediate level. Advanced grammar and language usage will be learnt and practised using exercises that focus on effective listening, speaking, reading and writing strategies. Cultural topics will include the internet, the environment, marriage and divorce, and other 21st century societal changes. This subject allows students to explore and examine the context of communication within the Chinese language and its culture. It aims to identify, analyse and evaluate diverse aspects of the Chinese language including its vocabulary and structures in formal and informal situations. Class time is divided between interactive language work, linguistic reflection and the discussion of issues relating to Chinese culture and society. This subject will be challenging as it is designed to provide students with an advanced level of literacy.

MAND352 Advanced Chinese for Non-background Students (NCB) 3B

Spring Wollongong On Campus
Credit Points: 8
Pre-requisites: MAND351
Co-requisite: None
Exclusions:
Subject Description: MAND352 Advanced Chinese 3B is designed to consolidate and extend students' fluency in Chinese acquired in MAND351. This subject allows students to explore and examine the context of contemporary issues and understand China's rapidly changing contemporary culture. Students will identify and analyse aspects of the Chinese language including its vocabulary and structures, as well to gain an overview of the grammar of literary Chinese. This subject will be challenging as it is designed to provide students with an advanced level of literacy.

MAND361 Advanced Chinese for Character Background Speakers (CBS) 3A

Autumn Wollongong On Campus
Credit Points: 8
Pre-requisites: MAND262
Co-requisite: None
Exclusions:
Subject Description: MAND361 is designed to reinforce and extend students' fluency in Chinese acquired in MAND262 or equivalent. This subject introduces students to classical Chinese grammar by reading relevant texts. Students will read commentaries on classical texts written in contemporary Chinese and will compare and contrast classical Chinese texts with modern texts. Students will learn to analyse classical Chinese grammar. This subject will be challenging as it is designed to provide students with advanced level literacy skills in Chinese as well as a deeper knowledge of Chinese culture.

MAND362 Advanced Chinese for Characters Background Speakers (CBS) 3B

Not on offer in 2013
Credit Points: 8
Pre-requisites: MAND361
Co-requisite: None
Exclusions:
Subject Description: MAND362 Advanced Chinese CBS 3B consolidates and extends students' fluency in Chinese acquired in MAND361. This subject allows students to continue their analysis of classical Chinese grammar by reading relevant texts. Students will read commentaries on classical texts written in contemporary Chinese and will compare and contrast classical Chinese texts with modern texts. This subject will be challenging as it is designed to provide students with advanced level llteracy skills in classical Chinese and a deeper knowledge of Chinese culture.

MARE200 Introduction to Oceanography

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: BIOL104 and (CHEM102 or CHEM105) and (EESC102 or EESC103)
Co-requisite: None
Exclusions:
Subject Description: This subject forms a basic introduction to oceanography. Topics covered include physical attributes of oceans; circulation and currents; tides and waves; marine organisms and biodiversity; environmental controls on organisms; processes of transport and behaviour of organisms in their life cycles; food webs and nutrient cycling; chemistry of seawater; sources and sinks of chemicals; carbon and carbonate cycles, chemical reactions in seawater, chemical exchange with sediments, stable isotopes and climate change.

MARE300 Fisheries and Aquaculture

Spring Wollongong On Campus
Credit Points: 8
Pre-requisites: STAT252 and BIOL240
Co-requisite: None
Exclusions:
Subject Description: This subject will provide an overview of fisheries biology and aquaculture (vertebrate and invertebrate) including: the diversity of Australian and international fisheries and their key challenges; relevant ecological issues (population dynamics, transport processes, stock identification); predictive modelling, fisheries management; secondary impacts of fisheries; the diversity of aquaculture; case studies in aquaculture; ecological impacts, potential for enhancement of fisheries.

MARE393 Advanced Marine Science Project

Autumn Wollongong On Campus
Spring Wollongong On Campus
Summer 2013/2014 Wollongong On Campus
Credit Points: 8
Pre-requisites: Distinction average or higher performance in subjects pertinent to the intended area of research as approved by the Marine Science Coordinator
Co-requisite: None
Exclusions:
Subject Description: One research project will be undertaken after consultation with academic staff. Students will attend and participate in a seminar/tutorial program in either the School of Biological Sciences or the School of Earth and Environmental Sciences. Research may be a discrete component of a larger project in which the emphasis will be on solving a larger problem as part of a research team. Projects will focus on developing competence in a laboratory and/or field techniques. Intending students should consult the Coordinator before enrolment.

MARE401 Marine Science Honours

Annual Wollongong On Campus
Credit Points: 48
Pre-requisites: Completion of 144 cps of BMarSc or equivalent
Co-requisite: None
Exclusions:
Subject Description: The subject consists of a research project supervised by an academic in one or more of the School of Biological Sciences or the School of Earth and Environmental Sciences in an area relating to marine biology and/or marine geosciences. The research project is presented as a thesis that is marked by two examiners and may be assessed externally as well as internally. As much as possible, projects will be linked to the research strengths of the academic units and on topics relevant to developing concepts in marine biology and marine geosciences.

MARE402 Marine Science Honours Part 1 (Part-Time Students)

Annual Wollongong On Campus
Credit Points: 24
Pre-requisites: Completion of 144 cps of BMarSc or equivalent
Co-requisite: None
Exclusions: Not to count with MARE401
Subject Description: The subject consists of a research project supervised by an academic in one or more of the School of Biological Sciences or the School of Earth and Environmental Sciences in an area relating to marine biology and/or marine geosciences. The research project is presented as a thesis that is marked by two examiners and may be assessed externally as well as internally. As much as possible, projects will be linked to the research strengths of the academic units and on topics relevant to developing concepts in marine biology and marine geosciences.

MARE403 Marine Science Honours Part 2 (Part-Time Students)

Annual Wollongong On Campus
Credit Points: 24
Pre-requisites: Completion of 144 cps of BMarSc or equivalent
Co-requisite: None
Exclusions: Not to count with MARE401
Subject Description: The subject consists of a research project supervised by an academic in one or more of the School of Biological Sciences or the School of Earth and Environmental Sciences in an area relating to marine biology and/or marine geosciences. The research project is presented as a thesis that is marked by two examiners and may be assessed externally as well as internally. As much as possible, projects will be linked to the research strengths of the academic units and on topics relevant to developing concepts in marine biology and marine geosciences.

MARK101 Marketing Principles

Autumn Wollongong On Campus
Spring Batemans Bay On Campus
Spring Bega On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions: Not to count with MARK213, MARK293 or MGMT213
Subject Description: Marketing is a set of activities and processes for creating, communicating and delivering offerings and facilitating satisfying exchange relationships in a way that delivers value for consumers and society. Organisations need to know how to define and segment a market and how to position themselves strongly by identifying marketing opportunities and problems, and developing products, services, experiences and ideas for chosen target markets more effectively than their competitors. Marketing is essential for all organisations including manufacturers, wholesalers, retailers, professional services firms including lawyers, accountants and architects, and non-profit institutions including charities and museums. The subject examines the fundamental concepts underpinning the marketing process and theories relevant to the study and practice of marketing. It serves as a foundation for further studies in business by developing an overview of where marketing fits within organisations and what framework marketing provides for enhancing and enabling the conduct of a business.

MARK201 Applied Marketing Research A

Not on offer in 2013
Credit Points: 6
Pre-requisites: MARK101 or MARK213
Co-requisite: None
Exclusions: Not to count with MARK319
Subject Description: In an increasingly dynamic environment, failure to engage in marketing research activity leads to disadvantages in the strong competitive market place. Mastering marketing research is necessary for successful marketing. This subject will focus on the practice of marketing research by integrating theory and application. Applied Marketing Research A includes the research process from the problem definition to the fieldwork design. The remaining components are covered in Applied Marketing Research B.

MARK202 Applied Marketing Research B

Not on offer in 2013
Credit Points: 6
Pre-requisites: MARK101or MARK213, and MARK201 or MARK319
Co-requisite: None
Exclusions: Not to count with MARK239
Subject Description: In an increasingly dynamic environment failure to engage in marketing research activity leads to disadvantages in the strong competitive market place. Mastering marketing research is necessary for successful marketing. This subject will focus on the practice of marketing research by integrating theory and application. Applied Marketing Research B (MARK202) continues where Applied Marketing Research A (MARK201) ends and encompasses the entire marketing research process starting with the fieldwork phase: organising, supervising and conducting fieldwork, entering data, analysing data, drawing conclusions and reporting the findings.

MARK205 Introductory Marketing Research

Autumn	Batemans Bay	On Campus
Autumn	Bega	On Campus
Autumn	Shoalhaven	On Campus

Credit Points: 6
Pre-requisites: MARK101 or MARK213
Co-requisite: None
Exclusions:
Subject Description: Marketing research is the function that connects consumers and other relevant stakeholders to marketers through information that supports decision-making. Marketing research assists in the systematic and objective identification of marketing problems and opportunities, designs and implements the method for collecting information, analyses the results, and disseminates the findings and their implications. Failure to engage in marketing research activity leads to disadvantages in the competitive marketplace. Introductory Marketing Research will focus on the practice of marketing research by integrating theory and application. The subject includes the research process from problem definition to communicating the results and exposes the students to introductory qualitative and quantitative data analysis techniques.

MARK213 Marketing Principles

Autumn	Wollongong	On Campus
Spring	Wollongong	On Campus

Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions: Not to count with MARK101
Subject Description: Marketing is a set of activities and processes for creating, communicating and delivering offerings and facilitating satisfying exchange relationships in a way that delivers value for consumers and society. Organisations need to know how to define and segment a market and how to position themselves strongly by identifying marketing opportunities and problems, and developing products, services, experiences and ideas for chosen target markets more effectively than their competitors. Marketing is essential for all organisations including manufacturers, wholesalers, retailers, professional services firms including lawyers, accountants and architects, and non-profit institutions including charities and museums. The subject examines the fundamental concepts underpinning the marketing process and theories relevant to the study and practice of marketing. It serves as a foundation for further studies in business by developing an overview of where marketing fits within organisations and what framework marketing provides for enhancing and enabling the conduct of a business.

MARK217 Consumer Behaviour

Autumn	Bega	On Campus
Autumn	Shoalhaven	On Campus
Autumn	Southern Highlands	On Campus

Credit Points: 6
Pre-requisites: MARK101 or MARK213 or MARK293
Co-requisite: None
Exclusions:
Subject Description: Consumer Behaviour involves gaining a greater understanding of the consumers as individuals by studying the influence of perception, learning and memory, motivation, attitudes and attitude change on their behaviours. Other lifestyle influences are also considered such as demographics, household structure, group influence, social stratification and cultural variance. Additionally the content of this subject focuses upon consumers as decision makers, involving an examination of the entire purchase process. All of these componenets are examined in relation to how they can be influenced through marketing strategies. Other areas explored include how marketing practices can be used to influence consumer behaviour for the benefit of society as a whole (social marketing) rather than purely for commercial gain.

MARK250 Advertising Practice and Creative Strategies

Spring	Wollongong	On Campus

Credit Points: 6
Pre-requisites: Must have completed a minimum of 12 credit points of subjects from Commerce, Arts or Creative Arts Schedules.
Co-requisite: None
Exclusions:
Subject Description: The focus of this subject is to provide an understanding of advertising practice and the opportunity to explore creative aspects of advertising strategy. The subject will describe advertising's role in marketing and public relations, highlight ethical and regulatory issues around advertising, introduce students to the concept of brand positioning, explain the concept of advertising planning and strategy process, consider media opportunities and constraints, and encourage students to engage with the advertising creativity process and creative media strategies.

MARK270 Services Marketing

Spring	Batemans Bay	On Campus
Spring	Bega	On Campus
Spring	Shoalhaven	On Campus

Credit Points: 6
Pre-requisites: MARK101 or MARK213 or MARK293
Co-requisite: None
Exclusions:
Subject Description: This subject covers the practice of marketing of services. Significantly, this incorporates both conceptual and practical issues not always evident in the existing marketing literature covering the marketing of products. As well, the global growth of the service sector has focused attention on the marketing function for organisations serving this sector. This subject is designed to equip practitioners to function effectively in the expanding world of services marketing.

MARK301 Internet Applications for Marketing

Autumn	Wollongong	On Campus

Credit Points: 6
Pre-requisites: MARK101 or MARK213
Co-requisite: None
Exclusions:
Subject Description: This subject deals with the issues facing internet users to establish the distinctly different environment in which people operate online. This grounding is then used as a basis to build an understanding of the internet to key applications in marketing such as research, adding value in the areas of product, distribution, pricing and promotion. A key focus is the link between delivering positive user experiences and developing customer relationships over time.

MARK305 Advanced Marketing Research

Spring	Wollongong	On Campus

Credit Points: 6
Pre-requisites: MARK101 or MARK213 and MARK205
Co-requisite: None
Exclusions:
Subject Description: The subject extends the knowledge of introductory marketing research techniques with the aim to provide students with an insight into the analysis of marketing data. A range of techniques is reviewed including descriptive and inferential statistics to test hypotheses. Students will gain practical knowledge in advanced multivariate statistical analysis. This would equip students to be able to apply marketing research skills to both academic as well as commercial research.

MARK317 Business to Business Marketing

Spring	Wollongong	On Campus

Credit Points: 6
Pre-requisites: MARK101 or MARK213 or MARK293
Co-requisite: None
Exclusions:
Subject Description: This subject will give students an appreciation of the differences between organisational and consumer customers. Organisation buying practices are different from the processes of consumers and as a result marketing strategy and operations have distinctly different imperatives. With a much higher level of rationality in decision making, there is a far greater focus on product management and innovation as a source of competitive advantage. There is also a greater focus on logistics and distribution functions as reliability of supply is a key need of customers, particularly when product delivery has to interface directly with customer operations. The central role of personal selling in the promotional mix is also dealt with in depth as it is critically important in generating sales and maintaining relationships with customers.

MARK320 Social Marketing

Spring	Wollongong	On Campus

Credit Points: 6
Pre-requisites: MARK101 or MARK213
Co-requisite: None
Exclusions:
Subject Description: Social marketing seeks to change strongly ingrained behaviour or firmly held beliefs in a manner that benefits individuals and society at large. Examples of social marketing include campaigns to reduce or prevent smoking, alcohol consumption, drug use, domestic violence and unsafe driving. This subject examines how to design a step-by-step program that will move the target audience from indifference to action and ultimately maintenance. This is achieved by applying marketing techniques and concepts to the solution of various social problems. This subject will use a case-study approach to teaching the key concepts and skills of social marketing, drawing on current and historic Australian and international campaigns.

MARK333 Marketing Communications & Advertising

Autumn	Batemans Bay	On Campus
Autumn	Shoalhaven	On Campus
Autumn	Southern Highlands	On Campus

Credit Points: 6
Pre-requisites: MARK101 or MARK213 or MARK293
Co-requisite: None
Exclusions:
Subject Description: This subject aims to develop students' appreciation of the role that marketing communications play in the company's or organisation's marketing or public relations efforts as well as how to develop marketing communications programs that can effectively position brands. The subject has a managerial perspective and by the end of the subject students will be able to both manage and critically evaluate marketing communications campaigns, with particular emphasis on achieving campaign objectives. Marketing communications come in many forms. Examples include, but are far from limited to, mass media advertising, promotions, celebrity endorsements and after-sales support.

MARK343 International Marketing

Autumn	Wollongong	On Campus

Credit Points: 6
Pre-requisites: MARK101 or MARK213 or MARK293
Co-requisite: None
Exclusions:
Subject Description: The principal aim of the subject is to analyse the global marketing environment and develop appropriate international marketing strategies. The content will include: socio-economic, legal, political, financial and cultural factors affecting international marketing operations; analysing the profiles of selected regional markets and strategic options for entry and expansion in those markets;

international marketing research methods and data analysis techniques; international marketing mix decisions; and contemporary issues in multinational marketing.

MARK344 Marketing Strategy

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: MARK101 or MARK213 PLUS 12 credit points from 200 level MARK subjects, or 6 credit points from 200 level MARK subjects and 6 credit points from 300 level MARK subjects.
Co-requisite: None
Exclusions:
Subject Description: Being able to create new markets, attack competitors and defend your market position are daily aspects of modern marketing. In this 'capstone' subject all of your prior marketing subjects are pulled together to complete your training as a marketing professional. A key component of this subject is the fine tuning of your analytical skills and diagnostic ability for the proposal, implementation and control of alternative marketing strategies and plans.

MARK356 Creating & Marketing New Products

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: MARK101 or MARK213 or MARK293
Co-requisite: None
Exclusions:
Subject Description: New Product Marketing covers issues related to the development and marketing of new products. Topics include: the role of new products in the success of organisations, the new product development process, marketing strategies for new product development. Other areas of interest include issues concerned with new products organisation and management of new product development processes, diffusion of new products, new service development and the implications of ethics and sustainability on new product development.

MARK393 Special Topic in Marketing

Autumn Wollongong On Campus
Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: MARK101 or MARK213 or MARK293
Co-requisite: None
Exclusions:
Subject Description: A special topic selected from any area of marketing. The selection would be made by the Associate Head of School - Marketing, taking into account the expertise of academic staff, including visiting staff, and the interest of students.

MARK394 Special Topic in Marketing B

Autumn Wollongong On Campus
Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: MARK101 or MARK213 or MARK293
Co-requisite: None
Exclusions:
Subject Description: A selected issue in Marketing, involving an individual case analysis or business project. Enrolment is subject to the approval of the Associate Head School - Marketing. The subject is taken only under special circumstances as a substitute for an approved subject under the Marketing major or double major schedule.

MARK395 Tourism Marketing

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: MARK101 or MARK213 or MARK293
Co-requisite: None
Exclusions:
Subject Description: This subject introduces, discusses and analyses issues unique to the marketing of tourism. The focus of this subject is the application and extension of marketing principles and theories in the development of strategic marketing approaches for tourism products. Tourism products include the destination, accommodation and tour operator sectors of the tourism industry at the regional, national and international level. In addition, the subject identifies and discusses contemporary issues in tourism marketing, including the online and database marketing and sustainability/sustainable tourism.

MARK401 Honours Research in Marketing

Annual Wollongong On Campus
Autumn Wollongong On Campus
Spring Wollongong On Campus
Credit Points: 24
Pre-requisites: Entry to Honours
Co-requisite: None
Exclusions:
Subject Description: This subject is appropriate for students doing honours in the discipline of marketing in the Faculty of Commerce. The research topic must be approved by the Associate Head of School - Marketing. Students should also enrol in COMM480.

MARK402 Honours Coursework in Marketing A

Annual Wollongong On Campus
Autumn Wollongong On Campus
Spring Wollongong On Campus
Credit Points: 12
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: The subject will enable all students doing honours in Marketing in the Faculty of Commerce to enrol in the same subject. Program of study is to be approved by the Associate Head of School - Marketing. Students undertaking this subject will also enrol in MGMT401 and COMM480.

MARK403 Honours Coursework in Marketing B

Annual Wollongong On Campus
Autumn Wollongong On Campus
Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: The subject will enable all students doing honours in Marketing in the Faculty of Commerce to enrol in the same subject. Program of study is to be approved by the Associate Head of School - Marketing. Students undertaking this subject will also enrol in MARK401 and COMM480.

MATE201 Structure of Materials

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: ENGG153 Engineering Materials
Co-requisite: None
Exclusions:
Subject Description: Study of fundamental crystallography, structural defects, non-crystalline structures, structures of common metals, intermetallics, simple ceramics and polymers. Basic principles of techniques used to study structure will be introduced: optical microscopy, x-ray diffraction and scanning and transmission electron microscopy. Students will participate in tutorials and laboratory work related to these topics.

MATE202 Thermodynamics and Phase Equilibria

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: CHEM103 or CHEM101 and CHEM102 or CHEM104 and CHEM105
Co-requisite: None
Exclusions:
Subject Description: Laws of thermodynamics: energy, entropy and free energy; equilibrium in chemical systems; chemical potential; determination of thermodynamical quantities; thermodynamics of phase equilibria and construction of phase diagrams. Binary condensed systems; Gibbs phase rule: lever rule; types of equilibrium diagram; experimental determination of phase diagrams, microstructural development, non-equilibrium effects. Ternary condensed systems. Application of phase equilibria to metallic, ceramic and polymeric systems.

MATE203 Phase Transformations

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: MATE201 Structure and Properties of Materials
Exclusions:
Subject Description: Nucleation in liquid and solid states; thermodynamics of solidification and phase transformation; solidification of pure metals and alloys; thermal supercooling; constitutional supercooling; interface stability; solute redistribution; eutectic and peritectic solidification; crystal growth techniques. Solid-state transformations - nucleation and growth of phases; Fick's laws of diffusion; diffusion mechanisms; transformation kinetics; transformation diagrams. Diffusional and diffusionless transformations: decomposition of solid solutions; ordering reactions, spinodal decomposition; eutectoid, massive, bainitic and martensitic transformations; crystallographic features; transformations in common alloy systems.

MATE204 Mechanical Behaviour of Materials

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: MATE201 Structure of Materials
Co-requisite: MATE203 Phase Transformations
Exclusions:
Subject Description: Theoretical strength; slip; twinning; deformation of single and poly crystals; dislocation multiplication; cross slip; climb; dislocation interactions. Strain hardening; solid solution hardening; dispersion hardening; grain size strengthening; other strengthening mechanisms. High temperature deformation; creep; stress relaxation; effect of strain rate and temperature; plastic instability; super plasticity; viscoelastic behaviour.

MATE301 Engineering Alloys

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: MATE203 Phase Transformations
Co-requisite: None
Exclusions:
Subject Description: Ferrous alloys - Phase transformations in ferrous alloys; binary and ternary additions to iron; strengthening mechanisms; ternary and multi component alloys; commercial steels and cast irons; hardenability.br Non-ferrous alloys - Physical metallurgy, processing and applications of commercially significant non-ferrous alloys. Advanced alloys and processing - superalloys. Design and selection of metallic materials on the basis of property requirements. Case studies.

MATE302 Polymeric Materials

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: ENGG153 Engineering Materials and CHEM103 Introductory Chemistry For Engineers OR CHEM101 Chemistry IA AND CHEM102 Chemistry 1B
Co-requisite: None
Exclusions:
Subject Description: Review of polymerisation chemistry. Description of polymer structures from macromolecular to macroscopic; introduction to techniques for characterisation of polymer structures. Relationships between structure and properties of polymers, including mechanical, thermal, chemical, optical, electrical and rheological. Processing techniques for polymer products. Engineering design with polymers. Advanced polymers.

MATE303 Ceramics, Glasses and Refractories

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: MATE201
Co-requisite: None
Exclusions:
Subject Description: Description of complex ceramic structures, including atomic and microstructural features of glass and crystalline ceramics, study of relationships between structures and physical and mechanical properties, methods for testing ceramics, industrial processing methods for ceramics, refractories, engineering ceramics, degradation of ceramics. A major process design project, in which students attempt to make a finished ceramic product which meets certain specifications forms a key part of the assessment.

MATE304 Transport Phenomena in Materials Processing

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: MATH283 Mathematics 2E for Engineers Part 1
Co-requisite: None
Exclusions:
Subject Description: Heat transfer Fourier's law and thermal conductivity of materials, heat transfer and the energy equation, heat transfer coefficients, conduction of heat in solids, heat transfer in solidification of metals, radiation heat transfer. Mass transfer in solid, liquid and gas systems, specifically flow through a packed bed, application of diffusion models in solid liquid and gas ssytems, application of Film and Higbie models in materials

processing. Students will be involved in some laboratory work and visits to industrial sites.

MATE305 Primary Materials Processing
Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: MATE202 Thermodynamics and Phase Equilibria
Co-requisite: None
Exclusions:
Subject Description: Introduction to primary processing; raw materials and materials preparation for production of metals, ceramics and polymers; mineral processing; production of metal oxides, clinkers and sinters. Study of metallurgical processes including iron and steelmaking, production of copper and aluminium. Introduction to oxide polymerisation processes. The application of thermodynamics and kinetics to processing.

MATE306 Fracture, Failure and Degradation
Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: MATE202 Thermodynamics and Phase Equilibria
Co-requisite: None
Exclusions:
Subject Description: Fracture and failure topics. Preliminary corrosion & electrochemistry; metals in equilibrium, thermodynamics of corrosion and dissolution, Pourbaix diagrams; Departures from equilibrium- kinetics of corrosion & the Evans diagram; types of corrosion, methods of measuring corrosion rates; Surface films & passivity; Corrosion prevention & control. Wear of materials; surface topography and its determination; origin of friction, influence of surface films and work hardening on friction; introduction to contact mechanics; wear mechanisms and wear maps; techniques for minimising wear. Design of materials for particular service environments.

MATE381 Experimental Methods and Computing
Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: ENGG153 Engineering Materials
Co-requisite: None
Exclusions:
Subject Description: Introduction to experimental techniques, experimental design, error analysis and computer analysis of experimental data. Introduction to computer operating systems and application of spreadsheets to engineering problems. Electrical, magnetic, optical, thermal and mechanical properties of materials and their relationships to structure will be discussed. Laboratory techniques used to study physical properties will be introduced.

MATE401 Selection of Materials in Engineering Design
Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: ENGG153 & completion of 96 credit points in an Engineering degree
Co-requisite: None
Exclusions:
Subject Description: Engineering materials: properties, specifications and standards. Processes for shaping materials. Analysis of property - processing requirements for given applications. Design for recycling and sustainable development. Cost considerations in selection and design. Influence of shape factors in component design. Selection methodologies: performance indices, weighted property indices, value analysis, failure analysis and cost-benefit analysis.

MATE402 Secondary Materials Processing
Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: Heat flow in solidification; solidification of castings and ingots; mould design; continuous casting, near-net-shape casting, squeeze casting, spray forming and other casting methods; grain refinement; as-cast microstructure and homogenisation; casting defects. Mechanics of deformation processing; flow stress determination; temperature and strain-rate effects; dynamic restoration mechanisms; friction and lubrication; residual stresses; deformation-zone geometry; microstructural modelling; control of microstructure; computer-aided programming. Industrial metalworking processes: rolling, forging, extrusion, drawing, and machining; production of polymers and ceramics.

MATE411 Advanced Materials and Processing
Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: MATE201 Structure and Properties of Materials
Co-requisite: None
Exclusions:
Subject Description: Study of advanced materials selected from: glassy, quasi crystalline and nano crystalline materials, magnetic, electronic, catalytic and bio sensing materials; intelligent, functionally gradient and environmental materials. Superplasticity, superelasticity and superconductivity. Metal, polymer and ceramic based composite and principles of reinforcement. Advanced processing methods selected from: rapid solidification, powder processing, near-net-shape forming, self-sustaining high temperature synthesis, biomimetic processing, sol-gel processing, zone refining and molecular beam epitaxy. Engineering applications of advanced materials and processing methods.

MATE412 Electronic Materials
Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: MATE201 Structure and Properties of Materials or PHYS205 Advanced Modern Physics
Co-requisite: None
Exclusions:
Subject Description: The nature of electronic materials; Electrons in solids, band theory, insulators, conductors, semiconductors and superconductors. The free and nearly free electron theories. Electrical conductivity, hall effect. Types of magnetic materials. Semiconductors - intrinsic, extrinsic, the hole, the p-n junction. Superconductors - phenomena, BCS theory. Production of semiconductors and superconductors, control of processing to achieve desired properties. Design and production of novel materials to achieve improved performance in electronic devices; modern applications.

MATE413 Structural Characterisation Techniques
Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: MATE201 Structure of Materials
Co-requisite: None
Exclusions:
Subject Description: Several advanced structural characterisation techniques will be introduced through lectures and laboratory classes. Topics may be selected from: electron microscopy - interactions of electrons with solids, electron optics, image formation and interpretation, scanning and transmission electron microscopy , energy dispersive spectroscopy , convergent beam electron diffraction, image contrast theory, thin foil microanalysis. Atomic force microscopy, X-ray diffraction and texture analysis. Studies of advanced materials characterisation techniques may also be included.

MATE422 Iron and Steelmaking
Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: MATE202 Thermodynamics and Phase Equilibria
Co-requisite: None
Exclusions:
Subject Description: The fundamentals of metallurgical thermochemistry and reaction kinetics are studied with a view to metallurgical process analysis in the iron and steelmaking industry, with an emphasis on ladle metallurgy. Direct reduction of iron ore; reduction kinetics and the analysis of shaft furnace operation of the blast furnace. Analysis of industrial processes used in iron and steelmaking with emphasis on smelting-reduction of iron and refined steel production.

MATE433 Surface Engineering
Not on offer in 2013
Credit Points: 6
Pre-requisites: ENGG153
Co-requisite: None
Exclusions:
Subject Description: The subject provides an overview of the various classifications of surface treatments used in materials science and engineering. Students will be introduced to important industrial surface treatment processes, including thermal spraying, laser heat treatment and cladding, plasma nitriding, and chemical and physical vapour deposition. Fundamental aspects will be studied, as well as the application of these technologies to solve real engineering problems.

MATH010 Enabling Mathematics for Engineers
Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: HSC General Mathematics OR Yr 10 Advanced Mathematics
Co-requisite: None
Exclusions: Not to count with MATH151.
Subject Description: The subject covers the main topics which are taught in mathematics years 11 and 12 at school. The chosen topics are specifically those taken as assumed knowledge in the subjects MATH141 and MATH187. The general topic areas are: algebra, trigonometry, coordinate geometry, functions and calculus. The focus is on developing mathematical skills and improving competence and confidence in the language and terms of mathematics. Where possible the work will be related to potential engineering applications.

MATH010 Enabling Mathematics for Engineers
Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: HSC General Mathematics OR Yr 10 Advanced Mathematics
Co-requisite: None
Exclusions: Not to count with MATH151.
Subject Description: The subject covers the main topics which are taught in mathematics years 11 and 12 at school. The chosen topics are specifically those taken as assumed knowledge in the subjects MATH141 and MATH187. The general topic areas are: algebra, trigonometry, coordinate geometry, functions and calculus. The focus is on developing mathematical skills and improving competence and confidence in the language and terms of mathematics. Where possible the work will be related to potential engineering applications.

MATH015 Foundation Mathematics A
Not on offer in 2013
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions: MATH001
Subject Description: This is the first of two foundation mathematics subjects (the other MATH025 Foundation Mathematics B) in the Freshman Year of the bachelor degrees. The subject is designed for students who are entering degree courses for which a minimal background in mathematics is desirable. It provides a necessary basis for all students progressing to the second year of university degree courses in the business area. Furthermore, it is the pre-requisite subject for Foundation Mathematics B, which is undertaken by students in the Computer Science and Internet Science courses where further study in Mathematics is essential. This subject is designed to: (i) provide the student with a revision of the basic concepts of mathematics, (ii) extend on these basic concepts, (iii) enhance manipulative and problem solving skills, (iv) provide ongoing students with the necessary knowledge and skills for Foundation Mathematics B, and (v) teach content including straight line geometry, quadratics, parabolas, matrices (including finding solutions to simultaneous equations), the exponential and logarithm functions, limits and differentiation, tangents and normals, and curve sketching.

MATH020 Foundation Mathematics B
Not on offer in 2013
Credit Points: 6
Pre-requisites: MATH015
Co-requisite: None
Exclusions: MATH002
Subject Description: This subject is designed to: 1. consolidate the theory and concepts introduced in MATH015, 2. provide the student with mathematical background for further studies of mathematics and mathematics related subjects, 3. develop skills necessary for using standard tables available to students of Mathematics, and 4. teach content including trigonometry and related calculus - standard identities, common values of the trigonometric functions, radian measure, arc length, unlimited angles, simple trigonometric equations, graphs of the trigonometric functions, sum of angles, double angles, trigonometric limits, derivatives of trigonometric functions, integrals of trigonometric functions, inverse trigonometric functions, integration using trigonometric substitutions.

MATH110 Advanced Mathematics

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: HSC Mathematics Ext 2
Co-requisite: None
Exclusions:
Subject Description: Several areas of maths: Algebra (involves solving systems of equation using matrix methods, determinants and applications); Vector geometry (involves the idea of vectors and applications to geometry) Polar coordinates; Calculus (involves solution techniques for first and second order differential equations).

MATH111 Applied Mathematical Modelling 1

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: Either a mark of at least 80 in MATH151 OR (in the NSW HSC Examination) Mathematics Band 4; or Mathematics Ext 1.
Co-requisite: MATH188 or MATH142 or MATH162 or MATH110
Exclusions:
Subject Description: Emphasises the physical, mathematical, numerical and computational aspects of the modern usage of applied mathematics in science, engineering and industry. It is strongly recommended for the students who are majoring in industrial and applied mathematics. Real-world problems are tackled as idealised mathematical systems, the mathematical problem is solved and the results interpreted.

MATH121 Discrete Mathematics

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: Either a mark of at least 80 in MATH151 OR (in the NSW HSC Examination) Mathematics Band 4; or Mathematics Ext 1.
Co-requisite: None
Exclusions:
Subject Description: Students will be introduced to the spirit of mathematical inquiry and critical analysis, and encouraged to develop the ability to apply mathematical principles to the formulation and solution of problems. This is done through the use of non-calculus techniques, especially those of logic and number theory. This subject is well suited to computer science students.

MATH131 Mathematics for Primary Educators 1

Autumn Batemans Bay On Campus
Autumn Shoalhaven On Campus
Autumn Southern Highlands On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: MATH131 contains material appropriate for primary teachers including: numeration, algebra and number theory, statistics and graphical representation of data. Statistics is taught to a sufficient depth to enable the analysis of data relevant to the teaching profession such as that provided to schools on NAPLAN test outcomes. The other components are all directly linked to the primary syllabus and provide prospective teachers with the mathematical skills and perspective necessary to effectively teach primary-aged children mathematics.

MATH132 Mathematics for Primary Educators 2

Spring Batemans Bay On Campus
Spring Shoalhaven On Campus
Spring Southern Highlands On Campus
Credit Points: 6
Pre-requisites: MATH131
Co-requisite: None
Exclusions:
Subject Description: MATH132 contains material appropriate for primary teachers including: Geometry, Measurement, Probability, and Statistics related to hypothesis testing. Statistics is taught to a sufficient depth to enable the analysis of data used in educational research. The other components are all directly linked to the primary syllabus and provide prospective teachers with the mathematical skills and perspective necessary to effectively teach primary-aged children mathematics.

MATH141 Foundations of Engineering Mathematics

Autumn Wollongong On Campus
Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: Either a mark of at least 65 in MATH151 OR in NSW HSC Examination: Mathematics - Band 2 or better.
Co-requisite: None
Exclusions: MATH101, MATH110, MATH143, MATH144, MATH161, MATH187
Subject Description: The subject consists of two strands, Calculus and Linear Algebra. The Calculus strand covers differential calculus and provides an introduction to integral calculus. The Linear Algebra strand covers matrices, determinants and applications of these in the sub-topic of vector geometry. All of these are presented with accompanying examples from various engineering disciplines.

MATH142 Essentials of Engineering Mathematics

Spring Wollongong On Campus
Summer 2013/2014 Wollongong On Campus
Credit Points: 6
Pre-requisites: Either MATH141 or MATH161 or MATH187
Co-requisite: None
Exclusions: MATH101, MATH110, MATH143, MATH144, MATH162, MATH188.
Subject Description: The subject consists of two strands, Integral Calculus with applications and Series. The Integral Calculus strand presents a number of analytical and numerical integration techniques plus applications of integration to find areas, volumes of revolution and solve differential equations. The Series strand covers techniques for finding limits, determining the convergence of series and leads into Taylor series. All of these are presented with accompanying examples from various Engineering disciplines.

MATH151 General Mathematics 1A

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: NSW HSC Examination: any mathematics- but enrolment is not permitted if the student achieved Mathematics Band 4 or better, or completed Mathematics Ext 1 or Ext 2.
Co-requisite: None
Exclusions: Not to count with MATH010 or ECON222. Not to count with any one of MATH101, MATH141, MATH142, MATH161, MATH162, MATH187, or MATH188 unless satisfactorily completed prior to satisfactory completion of any of MATH101, MATH141, MATH142, MATH161, MATH162, MATH187, or MATH188 respectively.
Subject Description: MATH151 is intended for candidates registered for courses in the Faculty of Science who do not meet the pre-requisite for the subject MATH187. It introduces topics in algebra, trigonometry, co-ordinate geometry, vectors, functions, and calculus with a view to further applications in Science subjects.

MATH179 Introductory Business Mathematics

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions: Not to count with any one of MATH141, MATH142, MATH161, MATH162, MATH187, or MATH188 unless satisfactorily completed prior to satisfactory completion of any of MATH141, MATH142, MATH161, MATH162, MATH187, or MATH188 respectively.
Subject Description: This course reviews the mathematical principles and tools that support many popular business techniques of analysis. These tools include: basic mathematical and algebraic concepts and operations, linear and quadratic equations, exponential and log functions, basic statistical methods in business and basic mathematics of finance. The second section of the course applies these mathematical and statistical tools to several commonly used tools of business analysis. These include including cost-volume-profit and break-even analysis, financial ratio analysis, financial analysis for interest based investments, annuities and perpetuities and project comparison and evaluation using net cash flows, net present value, ROI and IRR techniques.

MATH187 Mathematics 1: Algebra and Differential Calculus

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: Either a mark of at least 80 in MATH151 OR (in the NSW HSC Examination) Mathematics Band 4; or Mathematics Ext 1.
Co-requisite: None
Exclusions: MATH101, MATH110, MATH141, MATH143, MATH144, MATH161.
Subject Description: The subject consists of two strands, Differential Calculus and Linear Algebra. The Differential Calculus strand presents analytical differentiation techniques and analysis of functions within that context. The Linear Algebra strand covers matrices, determinants and applications of these in the sub-topic of vector geometry.

MATH188 Mathematics 2: Series and Integral Calculus

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: MATH187
Co-requisite: None
Exclusions: MATH101, MATH110, MATH142, MATH143, MATH144, MATH162.
Subject Description: The subject consists of two strands, Integral Calculus with applications and Series. The Integral Calculus strand presents a number of analytical and alternate integration techniques plus applications of integration to find areas, volumes of revolution and solve differential equations. The Series strand covers techniques for finding limits, determining the convergence of series and leads into Taylor series.

MATH201 Multivariate and Vector Calculus

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: One of MATH101 or MATH188 or MATH283 or enrolment in course code 762A.
Co-requisite: None
Exclusions:
Subject Description: MATH201 is one of four core 200 level Mathematics subjects and is a prerequisite for many 300 level subjects in Mathematics and Statistics. This subject extends the calculus of one variable to the calculus of more than one variable. Applications are given to maxima and minima, multiple integrals, vector calculus, line, surface and volume integrals, and to geometrical problems.

MATH202 Differential Equations 2

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: One of MATH101 or MATH188 or enrolment in course code 762A.
Co-requisite: MATH201
Exclusions: MATH283
Subject Description: MATH202 is one of four core 200 level Mathematics subjects. This subject introduces the student to various special functions and differential equations and to techniques (both analytic and numerical) for their solution. Topics covered include exact first order equations, Gamma, Beta and Error functions, Laplace transforms, Fourier series, separation of variables for PDE's, basic numerical techniques, computer packages, and comparative accuracy of numerical techniques.

MATH203 Linear Algebra

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: One of MATH101 or MATH188 or MATH283 or enrolment in course code 762A.
Co-requisite: None
Exclusions:
Subject Description: MATH203 is one of four core 200 level Mathematics subjects. The study of systems of linear equations is important not only to mathematicians but also to scientists and engineers. Study of these systems is done both theoretically and numerically with geometrical interpretations given. It aims to build on students' knowledge of matrix algebra and vector analysis.

MATH204 Complex Variables and Group Theory

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: One of MATH101 or MATH188 or enrolment in course code 762A.
Co-requisite: MATH201
Exclusions:
Subject Description: MATH204 is one of four core 200 level Mathematics subjects. It is of substantial value to science and other students. The study of Complex Variables extends the calculus of functions of a real variable to functions of a complex variable. Group Theory studies basic algebraic properties common to many mathematical systems and is currently applied in the areas of physics, geology and computer science.

MATH212 Applied Mathematical Modelling 2
Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: One of MATH101 or MATH188 or MATH283 or enrolment in course code 762A.
Co-requisite: None
Exclusions:
Subject Description: MATH212 is a subject in the applied mathematics strand. The subject provides insight into the process of Applied Mathematical Modelling in two important areas, heat transfer and Newtonian mechanics, though the modelling skills will be transferable to other areas. The main mathematical technique used is that of solving ordinary differential equations.

MATH222 Continuous Mathematics
Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: One of MATH101 or MATH188 or enrolment in course code 762A.
Co-requisite: None
Exclusions:
Subject Description: Continuous Mathematics deals the properties of the real numbers, and especially with convergent sequences and continuous functions on the real numbers. Careful attention to precision in definitions and arguments is an important aspect of the presentation. This mathematics highlights and explains the power and the limitations of calculus. This course will include derivations of the principal theorems of calculus and their applications. The material covered has developed over two centuries and underpins much of modern mathematics and many practical applications.

MATH235 Mathematics Project A
Autumn Wollongong On Campus
Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: 24 credit points at 100 level including MATH110
Co-requisite: None
Exclusions:
Subject Description: The subject is a project individually chosen for the student, at a level appropriate to the 200 classification. The content may consist of (1) a placement in business or industry where substantial use is made of mathematical techniques; or (2) a project directed towards independent investigation by the student, written and/or oral presentations, and substantial interaction of the student with the supervisors of the project and other members of staff; or (3) a project directed to mastery of a mathematical package or language, with specific use of the package or language in some application or area of mathematics; or (4) a project of research collaboration with a member or members of staff, of which written and spoken presentation would be a part. Other projects which are appropriate but not primarily in one of these single categories may occur, such as a project combining features of (1) and (2).

MATH253 Linear Algebra
Autumn Wollongong On Campus
Credit Points: 4
Pre-requisites: MATH188
Co-requisite: None
Exclusions: MATH203
Subject Description: MATH253 is 2/3 of the subject MATH203. The aim of MATH253 is to build on students' knowledge of matrix algebra and vector analysis, and provide a strong foundation in the mathematics of linear algebra, with an appreciation of the applications that motivate it. The study of systems of linear equations is important not only to mathematicians but also to scientists and engineers. MATH253 will include study of these systems with geometrical interpretations being given. It includes vector spaces, subspaces, linear dependence, basis, dimension and inner product spaces. This will be followed by eigenvalues and eigenvectors and their central role to the diagonalization of matrices. Linear transformations and their basic properties will be discussed.

MATH270 Special Topics in Mathematics 2
Not on offer in 2013
Credit Points: 6
Pre-requisites: MATH188
Co-requisite: None
Exclusions:
Subject Description:

MATH283 Advanced Engineering Mathematics and Statistics
Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: One of MATH101 or MATH142 or MATH144 or MATH162 or MATH188
Co-requisite: None
Exclusions: Not to count with MATH202 or MATH261 or MATH281.
Subject Description: MATH283 is a subject for Bachelor of Engineering students. The subject consists of two topics, Differential Equations and Statistics. Each topic is worth 50% of the final mark. Differential Equations deals with new techniques, including the Laplace transform, Fourier series, and special functions (the gamma, beta and error functions). Statistics gives an introduction to statistical computing, and to basic statistical techniques, including mathematical models for describing variation in experimental situations.

MATH291 Differential Equations
Spring Wollongong On Campus
Credit Points: 3
Pre-requisites: MATH188
Co-requisite: MATH201
Exclusions: Not to count with MATH202.
Subject Description: Linear second and higher order differential equations, solution of differential equations by Laplace transform methods. Fourier series, and some special functions (gamma, beta and error functions) will be introduced, together with an introductory solution method to boundary value problems (separation of variables).

MATH292 Numerical Methods for Ordinary Differential Equations
Spring Wollongong On Campus
Credit Points: 3
Pre-requisites: MATH188
Co-requisite: None
Exclusions: MATH202
Subject Description: Basic numerical techniques for the solutions of differential equations, with application of computer packages, will also be covered. Students will also be expected to assess the comparative accuracy of these techniques.

MATH293 Complex Variables
Spring Wollongong On Campus
Credit Points: 4
Pre-requisites: MATH188
Co-requisite: MATH201
Exclusions: Not to count with MATH204.
Subject Description: Complex functions, power series, analytic functions, Laurent series, singularities, residues, contour integration, Cauchy's theorem, Residue theorem and applications, conformal transformations.

MATH294 Group Theory
Spring Wollongong On Campus
Credit Points: 2
Pre-requisites: MATH188
Co-requisite: None
Exclusions: MATH204
Subject Description: Group Theory consists of a careful study of the fundamental properties of groups using the following concepts: order, finite groups, subgroups, cosets, group homomorphisms and group isomorphisms. This study leads to an important result in Group Theory called Lagrange's theorem.

MATH302 Differential Equations 3
Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: MATH283 or MATH202
Co-requisite: None
Exclusions:
Subject Description: Many physical problems in the world are modelled with differential equations. This subject extends the knowledge of the student to various types of equations and to their solution. Techniques used widely in many areas of physical science are developed in this subject. Topics include Laplace and Fourier transforms, series solutions, and Hypergeometric and Bessel functions.

MATH305 Partial Differential Equations
Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: MATH201 and MATH202 and MATH203
Co-requisite: None
Exclusions:
Subject Description: MATH305 is in a central area of mathematics, as many physical problems in the world are modelled with partial differential equations. Various types of equations and their solutions are discussed. As many equations cannot be solved in analytical form, numerical methods of solution also are considered. The aim is to develop high level mathematical ability and problem solving skills.

MATH312 Applied Mathematical Modelling 3
Not on offer in 2013
Credit Points: 6
Pre-requisites: MATH202 or (MATH283 and ENGG252)
Co-requisite: None
Exclusions:
Subject Description: MATH312 builds on work and knowledge originating in MATH111 and MATH212 and shows how to undertake mathematical modelling of many scientific and engineering processes and problems arising in industry. Main foci are: continuum mechanics, including deformation of materials; linear elasticity, including basic concepts of the stress-strain relation; and fluid mechanics.

MATH313 Industrial Mathematical Modelling
Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: MATH202 or (MATH283 and MECH343)
Co-requisite: None
Exclusions:
Subject Description: MATH313 is designed to develop mathematical modelling skills by the examination of case studies relevant to industry. The basic equations are derived from first principles and used to study the transfer of mass and heat, diffusion, solidification and combustion. In addition, the subject aims to improve oral presentation skills by making tutorial participation an assessable component of the subject.

MATH317 Financial Calculus
Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: MATH202 and either STAT131 or STAT231
Co-requisite: None
Exclusions:
Subject Description: This subject introduces the financial calculus and the mathematical and statistical modelling necessary for solving practical problems in three fundamental aspects of financial markets (i) financial assets pricing (ii) financial derivatives pricing and (iii) risk management. The course brings together arbitrage principles, stochastic models of stock prices and interest rates, Ito's Lemma and analytical and numerical techniques for solving partial differential equations, to derive, solve and extend models for the valuation and hedging of a variety of vanilla and exotic options and interest-rate products.

MATH321 Numerical Analysis
Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: MATH202 and MATH203
Co-requisite: None
Exclusions: MATH311
Subject Description: MATH321 is designed to extend the ideas developed in MATH202 and MATH203 as to how numerical and computational mathematics can be used to solve problems that have no analytic solution. The foci are problems in linear algebra and applications to real world problems. Specific techniques include algorithms for calculating eigenvalues and eigenvectors of a matrix.

MATH322 Algebra
Not on offer in 2013
Credit Points: 6
Pre-requisites: Either MATH204 or MATH222
Co-requisite: None
Exclusions:
Subject Description: This subject continues the study of modern algebra begun in the group theory section of MATH204. It focuses on problem solving skills, a clear and critical understanding of mathematical ideas and a capacity for rigorous argument in an algebraic setting. It develops algebraic ideas which arise in various different situations in mathematics and which have widespread applications both within and outside of mathematics. It aims to develop an appreciation of some of the fundamental concepts of modern algebra, and explores the notion of a group as a way of encoding information about symmetry.

MATH323 Topology and Chaos

Not on offer in 2013
Credit Points: 6
Pre-requisites: MATH222
Co-requisite: None
Exclusions:
Subject Description: MATH323 aims to develop critical understanding and problem-solving skills in the context of topology and chaos theory. It is intended to convey some of the impact of chaos theory in other areas and encourage interest of the student in phenomena such as the Koch curve. Some concepts discussed are notions of distance, dynamical systems, fractals and the Mandelbrot set.

MATH324 Calculus of Variations and Geometry

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: MATH201
Co-requisite: None
Exclusions:
Subject Description: This subject is about classical calculus of variations and geometric analysis of curves and surfaces. These areas and the links between them are central to much modern mathematical analysis and also find diverse applications in engineering, physics and biology. This subject builds on students' knowledge of calculus and linear algebra to represent curves and surfaces and their properties, particularly their curvature, analytically, and to develop several important and widely applicable tools for optimisation of energies in various contexts.

MATH325 Wavelets

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: MATH201 and MATH203; MATH222 is desirable but not essential.
Co-requisite: None
Exclusions:
Subject Description: The theory of wavelets is a branch of mathematical analysis which has developed rapidly over the last 15 years. Wavelets are widely and increasingly important in applications, and at the same time their study permits an accessible introduction to some of the key ideas of modern mathematical analysis. Major topics covered include inner product spaces and the notion of convergence in inner product spaces, Hilbert spaces and Fourier series in Hilbert spaces, the Haar wavelet, and techniques for the construction and analysis of wavelets in general.

MATH329 Medical Mathematics and Applications

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: MATH202
Co-requisite: None
Exclusions:
Subject Description: This subject promotes the application of mathematical modelling to medicine and related biomedical sciences such as Biochemistry, Drug Delivery, Epidemiology, Forensic Science, Genetics, Neurophysiology and Pharmacokinetics. The subject develops and uses mathematical techniques and computational tools to answer problems that arise in these areas. This will give students insight into how the medical and biomedical sciences can make use of mathematical modelling.

MATH345 Mathematics Project B

Autumn Wollongong On Campus
Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: 24 credit points at 200 level
Co-requisite: None
Exclusions:
Subject Description: The subject is a project individually chosen for the student, at a level appropriate to the 300 classification. The content may consist of (1) a placement in business or industry where substantial use is made of mathematical techniques; or (2) a project directed towards independent investigation by the student, written and/or oral presentations, and substantial interaction of the student with the supervisors of the project and other members of staff; or (3) a project directed to mastery of a mathematical package or language, with specific use of the package or language in some application or area of mathematics; or (4) a project of research collaboration with a member or members of staff, of which written and spoken presentation would be a part. Other projects which are appropriate but not primarily in one of these single categories may occur, such as a project combining features of (1) and (2).

MATH371 Special Topics in Industrial and Applied Mathematics 3

Not on offer in 2013
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: Entry to this subject is at the discretion of the Head of the School of Mathematics and Applied Statistics. This subject may not be offered in any particular year. MATH371 is one of a number of elective subjects available to students enrolled in the degree courses offered by the School. The aim of this subject is to provide students with specialist applied mathematical skills. Topics will be selected from the areas of interest of staff members of the School or visiting staff members.

MATH372 Special Topics in Mathematical Analysis 3

Autumn Wollongong On Campus
Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: At discretion of Head of School
Co-requisite: None
Exclusions:
Subject Description: Entry to this subject is at the discretion of the Head of the School of Mathematics and Applied Statistics. This subject may not be offered in any particular year. MATH372 is one of a number of elective subjects available to students enrolled in the degree courses offered by the School. The aim of the subject is to provide students with advanced mathematical concepts and skills. Topics will be selected from the areas of interest of staff members of the School or visiting staff members.

MATH402 Mathematics 4 (Honours)

Autumn Wollongong On Campus
Spring Wollongong On Campus
Credit Points: 24
Pre-requisites: At discretion of Head of School
Co-requisite: None
Exclusions: MATH401
Subject Description: A student must complete 48 cp to be eligible for the award of Honours. A candidate must select 7 topics (a candidate may select 8 or more topics with approval from the Head of the School) from those on offer at the 400 level in Mathematics and Statistics. The topics are usually sessional, and a candidate will normally take 4 topics in one session, 3 in the other. With the approval of the Head of the School, up to 2 of these topics may be replaced by 300 level Mathematics and Statistics subjects that may be considered appropriate to complement a particular candidate's previous undergraduate studies. A candidate will complete a Project in an area of interest under the close supervision of one or more members of staff of the School.

MATH403 Mathematics 4 (Honours) part-time

Autumn Wollongong On Campus
Spring Wollongong On Campus
Credit Points: 12
Pre-requisites: At discretion of Head of School
Co-requisite: None
Exclusions: MATH401
Subject Description: A student must enrol in this subject for 2 consecutive years, completing a total of 48 cp to be eligible for the award of Honours. A candidate must select a total of 7 topics (a candidate may select 8 or more topics with approval from the Head of the School) from those on offer at the 400 level in Mathematics and Statistics. The topics are usually sessional, and a candidate will normally take 2 topics in each of three sessions and 1 in the fourth session. With the approval of the Head of the School, up to 2 of these topics may be replaced by 300 level Mathematics and Statistics subjects that may be considered appropriate to complement a particular candidate's previous undergraduate studies. A candidate will complete a Project in an area of interest under the close supervision of one or more members of staff of the School.

MATH407 Research Methods

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: INFO401 or INFO402 or MATH345 or STAT345
Exclusions: ACCY407 or ACCY907
Subject Description: This subject introduces students to the process of planning, undertaking and writing a research project. The course introduces searching library resources and preparing bibliographies. It covers the principles and nature of qualitative and quantitative methods of research, formulating research problems and questions, writing a literature review and a research proposal, hypothesis testing, the collection, analysis and evaluation of data and scholarly writing conventions.

MATH409 Mathematics Advanced (Honours)

Autumn Wollongong On Campus
Spring Wollongong On Campus
Credit Points: 24
Pre-requisites: At discretion of Head of School
Co-requisite: None
Exclusions:
Subject Description: A student must complete 48 cp to be eligible for the award of Honours. This subject is made up of a research project (37.5%) and coursework (62.5%). Five coursework topics must be chosen, normally comprising four 400-level subjects from those on offer in the School of Mathematics & Applied Statistics. One 300-level subject may be taken as a 400 level subject however, approval from the Honours Coordinator is needed. The coursework topics chosen will be subject to approval from the Honours Coordinator. A candidate will complete a substantial research project in an area of interest under the close supervision of one or more members of staff of the School.

MATH410 Mathematics Advanced (Honours) part-time

Autumn Wollongong On Campus
Spring Wollongong On Campus
Credit Points: 12
Pre-requisites: At discretion of Head of School
Co-requisite: None
Exclusions:
Subject Description: A student must enrol in this subject for 2 consecutive years, completing a total of 48 cp to be eligible for the award of Honours. Honours is made up of a research project (37.5%) and coursework (62.5%). Five coursework topics must be chosen, normally comprising four 400-level subjects from those on offer in the School of Mathematics & Applied Statistics. One 300-level subject may be taken as a 400 level subject however, approval from the Honours Coordinator is needed. The coursework topics chosen will be subject to approval from the Honours Coordinator. A candidate will complete a substantial research project in an area of interest under the close supervision of one or more members of staff of the School.

MATH471 Honours Topics in Mathematics A

Autumn Wollongong On Campus
Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: Subject to approval of Head of School
Co-requisite: None
Exclusions:
Subject Description: MATH471 and MATH472 are offered to BMathEcon and BMathFin candidates. The aim of each of these subjects is to provide students with mathematical skills which can be used effectively in the relevant discipline. Students may be required to present some part of the course to the rest of the class, in a working seminar. The content is a topic from those offered in a particular year at 400-level within the subject MATH401, and which may vary from year to year.

MATH472 Honours Topics in Mathematics B

Autumn Wollongong On Campus
Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: At discretion of Head of School
Co-requisite: None
Exclusions:
Subject Description: MATH471 and MATH472 are offered to BMathEcon and BMathFin candidates. The aim of each of these subjects is to provide students with mathematical skills which can be used effectively in the relevant discipline. Students may be required to present some part of the course to the rest of the class, in a working seminar. The content is a topic from those offered in a particular year at 400-level within the subject MATH401, and which may vary from year to year.

MECH201 Engineering Analysis

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: MATH142 Essentials of Engineering Mathematics
Co-requisite: None
Exclusions:
Subject Description: Analysis for the conservation of mass, momentum and energy in engineering systems; numerical methods for the solution for a selection of problems in fluid mechanics, heat transfer, solids mechanics, bulk solids and control systems; linear algebra; eigenvalue analysis; optimisation curve fitting; roots of equation; experimentation to validate engineering analysis; ordinary differential equations; partial differential equations; use MATLAB and spreadsheets for numerical solutions of engineering problems.

MECH203 Mechanical Workshop Practice

Autumn Wollongong On Campus
Spring Wollongong On Campus
Credit Points: 0
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: Instruction on and use of standard machine tools (drill press, lathe, mill and hand tools) to manufacture some basic components to drawing. Evaluation of accuracy of manufacture by the trial assembly and fit of these components, demonstration of welding technologies, production of a report and log of activity.

MECH215 Fundamentals of Machine Component Design

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: ENGG154 Engineering Design and Innovation
Co-requisite: ENGG251 Mechanics of Solids
Exclusions:
Subject Description: Design and Build Competition requiring team work, concept designs and final solution; design and analysis of fundamental machine components, such as limits and fits, bolted and welded connections, power screws, keys, spur and helical gears, brakes, clutches, bearings and failure theories for static and cyclic load conditions.

MECH226 Machine Dynamics

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: ENGG152
Co-requisite: MATH188 or MATH142 or MATH162
Exclusions:
Subject Description: Dynamics of rigid bodies and simple mechanisms in plane motion, kinematic analysis by vector and polygon methods, velocity analysis by instantaneous centres; kinetic analysis by superposition vector and force polygon methods, matrix method, method of virtual work; energy distribution method; kinematics of cam profiles; balance of rotors; introduction to CAD mechanism design; synthesis of a mechanism.

MECH252 Thermodynamics, Experimental Methods and Analysis

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions: MECH152
Subject Description: This subject is designed to provide students with a range of knowledge and skills including: the understanding and use of the First and Second Laws of Thermodynamics in processes and machines and how they relate to the issue of energy efficiency and sustainability; use of advanced spreadsheet programming to analyse experimental and numerical data; mode of operation and applications of sensors and transducers; laboratory experimental methods, data analysis and safe working practices.

MECH311 Mechanical Engineering Design

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: MECH215 Fundamentals of Machine Component Design
Co-requisite: None
Exclusions:
Subject Description: Fatigue design including combined stresses, fracture mechanics and material selection. Contact stresses. Application of current design codes (eg for shaft design and rating helical and spur gears). Case studies incorporating cost estimation and evaluation, and project management. Students are required to analyse and propose solutions for a typical engineering problem drawn from the local industry. The solution would normally involve a combination of innovative thinking and an integration of analysis tools provided in this and preceding subjects. A site visit is normally incorporated to clarify the link between the analytical work and the application to a real problem.

MECH321 Dynamics of Engineering Systems

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: MATH283 Mathematics IIE for Engineers Part 1
Exclusions:
Subject Description: Derivation of system equations for mechanical, electrical, thermo-dynamic and fluid-dynamic systems; analysis of linear, transverse and torsional vibration of mechanical systems; system classification; linearisation of system equations; linear time-invariant differential equations using transfer function representation analysis of system

response in the time and frequency domain; simulation of dynamic systems.

MECH340 Fluid Dynamics and Heat Transfer for Mechatronics

Not on offer in 2013
Credit Points: 6
Pre-requisites: None
Co-requisite: MATH142 or MATH188
Exclusions: MECH440
Subject Description: This subject is designed to introduce elementary fluid mechanics and heat transfer concepts to mechatronic engineers. The topics include fluid properties, hydrostatics, manometry, Bernoulli's, mass, energy and momentum equations, fluid flow in pipes and their applications, dimensional analysis, heat conduction, convection and radiation and analysis of situations involving heat transfer in the field of mechatronics.

MECH341 Thermodynamics of Engineering Systems

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: MECH252 Thermodynamics, Experimental Methods and Analysis
Co-requisite: None
Exclusions:
Subject Description: Properties of pure substances; first law of thermodynamics, closed systems, control volumes; second law of thermodynamics; entropy; second law analysis of engineering systems; power and refrigeration cycles; mixtures; psychrometrics and basic air conditioning.

MECH343 Heat Transfer and Aerodynamics

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: ENGG252 Engineering Fluid Mechanics
Co-requisite: None
Exclusions:
Subject Description: One and two dimensional heat conduction; forced convection; heat exchangers; radiation; boundary layer flows; flow around immersed bodies; one dimensional compressible flow with and without heat transfer; normal shock waves; compressible flow in pipes.

MECH365 Control of Machines and Processes

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: MECH321
Co-requisite: None
Exclusions:
Subject Description: Classical control system analysis and design concepts: transient response, steady-state error analysis, frequency domain analysis, root-locus controller design methods and frequency domain controller design methods; PLC programming.

MECH372 Solids Handling and Process Engineering

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: ENGG251 Mechanics of Solids
Co-requisite: None
Exclusions:
Subject Description: An overview of bulk materials handling. Introduction to characterisation of bulk solid materials, gravity flow in hoppers and chutes, feeding and discharge devices, mechanical conveying, pneumatic conveying, dust control and dust explosions, and instrumentation and control for materials handling systems.

MECH382 Manufacturing Engineering Principles

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: ENGG153 Engineering Materials
Co-requisite: ENGG251
Exclusions:
Subject Description: This course introduces students to the basic principles of manufacturing engineering. Topics include an overall perspective on manufacturing; life-cycle and environmental factors; interactions between product design, materials and manufacturing processes; machining processes; metal cutting theory and machinability; joining and assembly processes; computers in manufacturing, NC/CIM/FMS/IMS; introduction to component handling and industrial robotics; basic metrology and geometric tolerancing; process capability and quality control; machining economics; overview of non-conventional processes and advanced manufacturing trends.

MECH409 Micro/Nano Robotic Systems

Not on offer in 2013
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: An overview of manipulation systems, comparison of macro-micro-nano worlds, micro/nano mechanics, actuation, sensing, design, manufacturing/fabrication, control and calibration issues in micro/nano robotic systems, examples of micro/nano robotic systems and their application areas.

MECH419 Finite Element Methods in Engineering

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: ENGG251Mechanics of Solids and MECH201 Engineering Analysis OR ENGG251Mechanics of Solids and CSCI191 Engineering Programming 1
Co-requisite: None
Exclusions:
Subject Description: Review of solid mechanics fundamentals and of matrix algebra. Elementary derivation of finite element methods by variational principles, Galerkin method, and Rayleigh-Ritz technique. Finite element interpolation functions; natural and isoparametric coordinates. Derivation of stiffness matrix for selected one-, two-, and three-dimensional elements. Derivation of strain-displacement relations and calculation of element stresses. Assembly and solution of system matrices; application of constraints and local coordinate systems. Introduction to structural dynamics and vibration problems, mesh generation, and finite element software in engineering applications.

MECH421 Manufacturing Process Analysis

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: MECH382 Manufacturing Engineering Principles
Exclusions:
Subject Description: Comparative Process Analysis for Rolling, Casting, Forging & Forming; Steel Rolling Technology & Analysis; Metals vs. Plastics Processing;

MECH422 Design and Analysis of Manufacturing Systems

Not on offer in 2013
Credit Points: 6
Pre-requisites: MECH382 Manufacturing Engineering Principles
Co-requisite: None
Exclusions:
Subject Description: Basic concepts and ideas of systems study with particular reference to their use in a manufacturing environment. Categories of manufacturing systems. Principles of the structure and operations of manufacturing systems and their elements (including the human component) especially those systems applied in discrete manufacturing. Techniques of systems analysis including computer simulations. Frameworks for applying systems analysis techniques to the design and analysis of advanced manufacturing systems including intelligent manufacturing systems and those associated with achieving enterprise integration, agile manufacturing and virtual enterprises. Plant layout and facility planning. Case studies and project work involving the design and analysis of advanced manufacturing systems.

MECH423 Design for Manufacturing

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: MECH382 Manufacturing Engineering Principles
Co-requisite: None
Exclusions:
Subject Description: Introduction to concurrent engineering; application and benefits; concurrent engineering applied to product development, product design, manufacturing process design, and manufacturing systems design; application of engineering tools including CAD, CAM, CAPP and rapid prototyping; design for machining, forming, casting, welding and assembly concepts; design efficiency; industrial ergonomics. General planning concepts in manufacturing; CAD/CAM and CIM/FMS.

MECH426 Storage, Flow and Mechanical Conveying of Bulk Solids

Not on offer in 2013
Credit Points: 6
Pre-requisites: MECH372 Bulk Solids Handling Technology
Co-requisite: None
Exclusions:
Subject Description: Characterisation of bulk solids and principles of granular flow; measurement and application of flow properties; bin and hopper flow patterns and geometries; chute design; flow rate predictions of course and fine products; feeders and dischargers; bin wall pressures; mixing and segregation; design, application and characteristics of mechanical conveyers; case studies.

MECH428 Pneumatic Conveying and Dust Control

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: ENGG252 Engineering Fluid Mechanics
Co-requisite: None
Exclusions:
Subject Description: Basic components of pneumatic transport systems; Modes of conveying; Models to predict conveying parameters; Dense-phase suitability; Conveying characteristics and scale-up procedures; Dust control health and safety requirements; Dust characterisation; Design and operating parameters for dust control systems; Duct networks.

MECH430 Automotive Dynamics

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: MECH321 Dynamics of Engineering Systems OR ECTE344 Control Theory
Exclusions:
Subject Description: Introduction, dynamics associated with acceleration, braking, cornering and rollovers; occupant comfort and response; dynamics of multi-mode mechanical systems; component characteristics and interactions including cabin, chassis, steering and suspensions.

MECH431 Computational Fluid Dynamics

Not on offer in 2013
Credit Points: 6
Pre-requisites: ENGG252 Engineering Fluid Mechanics and MECH201 Engineering Analysis
Co-requisite: None
Exclusions:
Subject Description: The subject introduces the finite difference and finite volume methods for computational fluid dynamics (CFD); explicit and implicit methods for computation; stability analyses; validation of computational results; analysis of engineering systems involving incompressible and compressible flow of fluids; and use of a commercial CFD package.

MECH438 Fluid Power

Not on offer in 2013
Credit Points: 6
Pre-requisites: ENGG252 Engineering Fluid Mechanics
Co-requisite: MECH365 Control of Machines and Processes
Exclusions:
Subject Description: Characteristics of fluid power components for the provision of power and/or control in machines and mechatronic systems. Synthesis of systems, integration with Programmable Logic Controller (PLC) units and remote controllers. Industrial applications of fluid power, design application, case study.

MECH439 Special Topics in Mechatronics

Not on offer in 2013
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: There is no set syllabus for this subject. It is intended to be offered normally on a specialised mechatronics topic given by members of the Faculty, visiting academic staff or engineering consultants.

MECH442 Sustainable Energy in Buildings

Not on offer in 2013
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: Fundamental principles of the performance of buildings with particular regard to thermal comfort and ventilation; analysis and design of conventional air conditioning systems to appropriate Australian Design Standards; passive solar design of buildings; energy conservation in buildings; embodied energy in buildings; natural ventilation systems; and refrigeration systems.

MECH468 Computer Control of Machines and Processes

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: MECH365 Control of Machines and Processes OR ECTE344 Control Theory
Exclusions:
Subject Description: State-variable modelling; design of state variable feedback systems, controllability, observability, optimal control, pole placement using state feedback, internal model design; digital control systems, z-transform, stability analysis in the z-domain; performance and robustness of closed loop computer controlled systems, implementation aspects.

MECH470 Applied Topics in Mechatronics

Not on offer in 2013
Credit Points: 6
Pre-requisites: None
Co-requisite: MECH365 or ECTE344
Exclusions:
Subject Description: The intent of the subject is to bridge the gap between mechatronic engineering theory and actual industrial applications. The first part of this subject will introduce the programmable logic controller (PLC), a widely used industrial controller and Ladder Logic, the main programming language in use for PLCs. The second section will look at industrial input and output systems and the interfaces used. This will include robotic systems, motor drives, directional control valves (DCVs), vision and distance measurement. The last part will implement control systems in the PLC to perform typical manufacturing tasks.

MECH474 Reliability Engineering

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: Provides an introduction to Reliability-Availability-Maintainability (RAM) Engineering techniques applicable through the asset Life Cycle. Examines Requirements Analysis, Reliability Growth Modelling, Analysis of Design, Systems Engineering, Safety Assessment, Logistic Support Analysis and sparing, Testing and Performance Evaluation, Installation Procedures and Operating Environments, Asset Management, Disposal, Asset Purchase/Replacement Policies and Decision-making.

MECH479 Sustainable Transport and Engine Technologies

Not on offer in 2013
Credit Points: 6
Pre-requisites: MECH252 Thermodynamics, Experimental Methods and Analysis and MECH226 Machine Dynamics
Co-requisite: None
Exclusions:
Subject Description: Human powered transport; conventional and novel engine technology design, analysis and evaluation; strategies for reducing emissions; fuel supplies and alternative fuels; electric and hybrid vehicles; solar vehicles; fuel cells.

MECH481 Special Topics in Mechanical Engineering 1

Not on offer in 2013
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: There is no set syllabus for this subject. It is intended to be offered normally on a specialised mechanical engineering topic given by members of the Department, visiting academic staff or engineering consultants.

MECH482 Special Topics in Mechanical Engineering 2

Not on offer in 2013
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: There is no set syllabus for this subject. It is intended to be offered normally on a specialised mechanical engineering topic given by members of the Department, visiting academic staff or engineering consultants.

MECH487 Systems Analysis for Maintenance Management

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: MATH283 Mathematics 2E for Engineers Part 1
Co-requisite: None
Exclusions:
Subject Description: Maintenance Requirements Analysis Methodology, Qualitative Methods of Failure Mode Identification, Reliability Theory for Systems, Reliability Data Analysis, Preventive Replacement Policies, Selection of Inspection Intervals, Grouping of Maintenance Actions, Repair/Replace Decisions, Practical considerations in Maintenance Requirements Analysis, Auditing Maintenance Requirements Analysis outcomes.

MECH489 Engineering Asset Management

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: This subject provides context for all of the aspects of engineering asset management. It establishes the nature of the overall activity and sets up links to the knowledge areas of strategic management, managerial finance, engineering analysis and information technology. In some ways it provides the context for engineering asset management. Further, it explores some of the basic asset management processes, particularly life-cycle and risk management. Framework, context and history of asset management, Strategic management and engineered asset management in context. Application/adaptation of basic tools; costs and benefits of lifecycle management available models and standards; Possible uses of models Business drivers; Legal requirements; Quality systems and configuration and documentation management; Interfaces with other functions (departments and organizations).

MEDA101 Introduction To Media Arts

Autumn Innovation Campus On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: This subject provides an introduction to media arts. Students gain an overview of the history and defining features of media arts and develop fundamental skills in developing media arts works with an emphasis on digital production techniques. Crucial aesthetic concepts such as representation, simulation, narrative and interaction are introduced. In particular, the relationship between audio and visual is examined. The practical workshops and assignments provide a means of relating broad theoretical concerns to aspects of creative practice.

MEDA102 Computational Media

Spring Innovation Campus On Campus
Credit Points: 6
Pre-requisites: MEDA101
Co-requisite: None
Exclusions:
Subject Description: This subject provides an accessible introduction to computational media and electronic art. Students engage in a series of technical exercises that aim to develop an understanding of the material conditions of digital media and encourage exploration of its creative possibilities. At a conceptual level, the subject considers historical debates concerning the aesthetic status of technological art and examines how the field relates to broader tendencies within contemporary art.

MEDA201 Time, Space & Data

Autumn Innovation Campus On Campus
Credit Points: 6
Pre-requisites: MEDA101 or MEDA102
Co-requisite: None
Exclusions:
Subject Description: This subject introduces time-based Media Art in relation to traditions of avant-garde and experimental film, video and screen practice. Students develop an understanding of a range of conceptual-materialist practices that aim to interrogate the standard narrative and expository forms in time-based media. They develop skills in relevant aspects of media arts screen production (including editing, projection and working with a range of media). Project work is developed for mixed screen and installation contexts and informed by the lecture series on history and contemporary screen-based practices.

MEDA202 System, Play & Interaction

Spring Innovation Campus On Campus
Credit Points: 6
Pre-requisites: MEDA102
Co-requisite: None
Exclusions:
Subject Description: This subject is concerned with how interaction is conceived and enabled within contemporary media art. It interrogates the notion of interactivity by examining the rhetoric, aesthetics and cultural politics of art and participation. Students are introduced to relevant histories of media and electronic art, and examine key paradigms of play, system ecology and emergent interaction. Students obtain a basic understanding of kinetic-sculptural and physical computing processes, as well as experience in developing installation-based media art projects.

MEDA301 Media Arts Workshop

Autumn Innovation Campus On Campus
Credit Points: 6
Pre-requisites: MEDA201 or MEDA202
Co-requisite: None
Exclusions:
Subject Description: This subject enables students to research and gain expertise in a specific field of Media Arts practice. In consultation with the lecturer, students design and propose an individual program of conceptual and practical Media Arts research. A series of class seminars provide a forum for students to report on their research activities and to refine their technical methods and critical-aesthetic perspectives. The subject has an associated professional dimension, considering the institutional context for Media Arts practice and developing skills in proposal-writing, reporting, documentation and critical evaluation.

MEDA302 Media Arts Project

Spring Innovation Campus On Campus
Credit Points: 6
Pre-requisites: MEDA301
Co-requisite: None
Exclusions:
Subject Description: This subject focuses on the development of an exhibition-ready Media Arts project with an associated critical exegesis. Students are expected to develop professional project applications, provide milestone reports and contribute to a set of seminars addressing contemporary issues in Media Arts. Completed projects will be exhibited in the end of year student exhibition. Related to this, the subject will address issues of exhibition, installation and the curatorial handling of Media Arts projects.

MEDI601 Medicine 1

GSM Ph1 S1 Shoalhaven On Campus
GSM Ph1 S1 Wollongong On Campus
GSM Ph1 S3 Shoalhaven On Campus
Credit Points: 24
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: This subject covers the first 18 months of the medical degree at UOW. Learning is centred around four themes: medical sciences, clinical competency, research and critical analysis and personal and professional development. Medical sciences teaching activities are delivered using an integrated, case-based approach, with an emphasis on students developing an understanding of medical, clinical, behavioural, and population health sciences as they apply to individual body systems and patient presentations. Clinical competency covers clinical, procedural and interpersonal skills and involves a variety of activities designed to prepare students for their interaction with patients. There is a focus on basic competencies in communication and consultation skills, including history-taking, physical examination, selection of appropriate investigations and interpretation and documentation of results. Research and critical analysis aims to foster the critical skills required for evidence based professional practice. Personal and professional development activities are designed to foster reflective practice, sensitivity and integrity as a foundation for life as a health professional. Students will experience case-based learning activities, lectures, tutorials, large group clinical demonstrations, clinical skills and anatomy laboratory activities, as well as clinical placement within general practice and hospital settings.

MEDI602 Medicine 2

GSM Ph2 S2 Shoalhaven On Campus
GSM Ph2 S2 Wollongong On Campus
GSM Ph2 S1 Shoalhaven On Campus
Credit Points: 24
Pre-requisites: MEDI601
Co-requisite: None
Exclusions:
Subject Description: MEDI 602 occupies the second phase of the MBBS during two semesters in which intensive involvement in regional hospital clinical placement occurs, with university-based learning occurring within and alongside that clinical experience. The focus of medical sciences shifts to a study of general pathophysiology, microbiology and pharmacology as they pertain to each of the body systems. Clinical competencies have an increased focus on clinical application of knowledge and clinical skills, in particular taking histories and physical examinations with patients. Students will be assigned to Wollongong Hospital and will also undertake rotations in Shoalhaven and/or Southern Highlands regions for 25 to 32 hours per week. Placements will include Medicine and Surgery, Psychiatry, Maternal and Women's Health and Paediatrics, and utilise a variety of ambulatory care clinical services. In such placements they will learn about multidisciplinary teamwork, and health care delivery in the hospital and community. Students will experience acute and critical care in a hospital setting in which patients are acutely ill and in need of immediate medical attention, in which students learn the acute management skills that will be invaluable to them in the long integrated GP/hospital placements that follow.

MEDI603 Medicine 3

GSM Ph3 S2 Shoalhaven On Campus
GSM Ph3 S2 Wollongong On Campus
GSM Ph3 S1 Shoalhaven On Campus
Credit Points: 24
Pre-requisites: MEDI601, MEDI602
Co-requisite: None
Exclusions:
Subject Description: The subject involves two sequential 19/20-week long integrated placements. Students during this placement will have experiences with acute hospital presentations and the provision of continuing care in the hospital situation, as well as extensive primary care and inter-disciplinary experience. During the clinical placements students will continue with learning activities that focus on the medical sciences, personal and professional development and the research and critical analysis themes of the curriculum. Students will address undifferentiated clinical problems per fortnight via a small group or individual CBL. A major Research project will be undertaken as part of Research and Critical Analysis theme. By the end of Phase 3 it is expected that students will have acquired the fund of underpinning medical sciences as specified in the curriculum. In addition, they will have acquired the extended clinical competencies they need to practice effective as a doctor.

MEDI604 Medicine 4

GSM Ph4 S1 Shoalhaven On Campus
GSM Ph4 S1 Wollongong On Campus
Credit Points: 24
Pre-requisites: MEDI601, MEDI602 and MEDI603
Co-requisite: None
Exclusions:
Subject Description: This subject comprises of an Elective (6weeks) and Selective (6weeks) that will provide the student with an opportunity to increase their skills and knowledge in an area of medical practice. If necessary, and in order to provide a remedial period to address deficits identifed in the final major summative assessment in MEDI603, the Graduate School of Medicine may insit on a Directive term being completed instead of the Elective or Selective. The preparation for Internship (PRINT) is 6 weeks and will provide the opportunity for students to become familiar with the role of an intern in a hospital.

MEDI605 Medical Practicum Program

Summer 2013/2014 Wollongong Flexible
Credit Points: 0
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: Medical Practicum Program

MGMT102 Business Communications

Autumn Batemans Bay On Campus
Autumn Bega On Campus
Autumn Shoalhaven On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: This subject introduces the theory and practice of communication in business and in workplaces. It offers knowledge and information on how students can become more effective by becoming culturally sensitive and humane communicators, both personally and professionally, in a range of multimodal environments. It examines and discusses the cultural, organisational and personal contexts and processes of communication, including groups, meetings, interviews, public speaking, presentations and writing. Other issues discussed include interpersonal skills, understandings of non-verbal messages, listening practices and building relationships in business and workplaces.

MGMT110 Introduction to Management

Autumn Batemans Bay On Campus
Autumn Bega On Campus
Autumn Shoalhaven On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions: MGMT208
Subject Description: Wherever organisations exist, a manager's role emerges. Organisations rely on managers and the management function for the efficient and effective running of their operations. This subject will introduce students to the various functions involved in managing, as well as the context of management: the organisation. Students will learn key management theories and concepts including organisational culture, social responsibility and ethics, managing groups, motivating employees, planning, managing human resources and employment relations, strategic management, decision-making, supply chain and

operations management, leadership and foundations of management control. Students will learn how the different interests between organisational stakeholders affect various management processes, and the implications of managerial decisions on the internal and external environments.

MGMT200 Management and Electronic Business

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: Must have successfully completed a minimum of 12 credit points of subjects from the Commerce, Information Technology or Engineering schedules.
Co-requisite: None
Exclusions:
Subject Description: This subject identifies key management issues arising from the use of e-commerce in organisations and across organisations and in different industry sectors. It examines how e-commerce affects areas such as information and knowledge management, decision making, teamwork, communication, internal processes and culture, and relationships with supply chains, customers, government and society. It considers the managerial choices and strategies arising from technological and organisational change related to electronic business.

MGMT201 Organisational Behaviour

Autumn Batemans Bay On Campus
Autumn Bega On Campus
Autumn Shoalhaven On Campus
Credit Points: 6
Pre-requisites: MGMT110
Co-requisite: None
Exclusions:
Subject Description: The subject examines aspects of the social and behavioural sciences that are relevant to understanding human behaviour in work organisations. The focus of the subject ranges from the behaviour and activities of individuals and groups in organisational settings, to understanding complex organisations as a whole.

MGMT205 Recruitment & Selection

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: MGMT110 and MGMT206 or MGMT398
Co-requisite: None
Exclusions:
Subject Description: This subject examines the environment and process of recruitment and selection. Recruitment strategies are described and assessed from the perspective of the organisation and the individual. In particular, a range of personnel selection techniques are examined in relation to issues of reliability, validity, fairness and applicability. Also a range of practical skills in designing personnel selection techniques are developed.

MGMT206 Managing Human Resources

Autumn Wollongong On Campus
Spring Batemans Bay On Campus
Spring Bega On Campus
Credit Points: 6
Pre-requisites: MGMT110
Co-requisite: None
Exclusions: MGMT398
Subject Description: This subject is concerned with the concepts, techniques and activities involved in managing the flow of people through work organisations. Emphasis is placed on understanding the techniques of contemporary HRM that can be applied in organisations to facilitate the acquisition and development of staff, to influence positively their job performance, and to manage the processes of staff turnover and retention.

MGMT208 Introduction to Management for Professionals A

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions: Not to count with MGMT308 or MGMT110
Subject Description: This subject provides an introduction to the environment of the business enterprise, and explores key managerial functions, concepts and techniques. Topics covered include: analysis of the business environment; competitive strategy; managerial decision-making; work behaviour; business planning, financial management of businesses and projects; markets and marketing; technology management; operations management, and basic project management techniques.

MGMT209 Managing Knowledge in Organisations

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: MGMT110
Co-requisite: None
Exclusions:
Subject Description: This subject is an introduction to knowledge management (KM). KM is becoming increasingly important as organisations switch their focus on managing tangible assets (e.g. plant) to intangible assets, such as knowledge, in search of competitive advantage in the knowledge economy. The aim will be to provide students with the skills to manage intangible knowledge resources. Topics include knowledge definition; the processes of creation, transfer, and usage; as well as human resource management strategies for knowledge workers; measurement of knowledge value; international context; and communities of practice.

MGMT215 Small Business Management

Autumn Batemans Bay On Campus
Autumn Bega On Campus
Autumn Shoalhaven On Campus
Credit Points: 6
Pre-requisites: MGMT110
Co-requisite: None
Exclusions:
Subject Description: Smaller enterprises are becoming increasingly important to the economic well being of many nations. This subject gives students an opportunity to develop an awareness of the role of the small enterprise in the economy and society, and the key factors involved in their management. The subject is oriented at the study of smaller enterprise rather than training the student to start and manage a small firm itself.

MGMT218 Competitive Analysis

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: ECON111
Co-requisite: None
Exclusions:
Subject Description: This subject develops models and techniques for measuring and understanding the complexity of competition. Case studies and empirical analysis are used to show how firms can analyse the industry in which a firm is located, understand its competitors and its own

position, and grasp how this might influence its business strategy. Topics include: Structural analysis of industries; competitor analysis; competitive strategies; development of generic strategies; buyers/suppliers strategy; strategy in different industrial environments; strategy formulation in a multinational competitive environment.

MGMT220 Organisational Analysis

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: MGMT110
Co-requisite: None
Exclusions:
Subject Description: This subject examines the key theoretical frames that are used to analyse complex organisations. Students are provided with an understanding of theories and concepts that explain how organisational members are affected by organisational structures and environments, human resource flows, politics, and microcultures. Emphasis is placed on frame complementarity and learning how to apply the frames to real organisations.

MGMT256 Systems Thinking and Simulation

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: MGMT110 and ECON121 or COMM121 or STAT131
Co-requisite: None
Exclusions:
Subject Description: This subject will focus on the essentials of systems dynamics and strategic systems thinking. Applied systems dynamics modelling will be introduced through continuous simulation of business and management processes. Discrete event simulation will also be introduced to illustrate how systems modelling techniques can be applied to manufacturing and service enterprises, and to the attendant supply chains.

MGMT257 Principles of Supply Chain Management

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: MGMT110 and ECON121 or COMM121 or STAT131
Co-requisite: None
Exclusions:
Subject Description: This subject introduces students to the principles and techniques of supply chain management. Students are provided with an overview of the main functions associated with managing supply chains, such as purchasing, operations, logistics and relational integration. Core topics and concepts covered include: the bullwhip effect, supplier relationships, forecasting and demand management, enterprise resource planning and transportation's role in the supply chain and in customer relationship management. The subject also provides the student with an understanding of the challenges of measuring supply chain performance.

MGMT300 Managing Innovation

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: 12 credit points of subjects from Commerce, Information Technology or Engineering schedules
Co-requisite: None
Exclusions: Not to count with COMM300
Subject Description: The subject covers the theoretical and professional issues associated with the management of innovation in firms and other organizations in the age of the Internet. It aims to show the relationship between innovation and organizational structures, processes and business strategies. It examines the concepts of the innovative organization, innovation strategy, the sources of innovation, networked enterprises, and the development of new products, processes and ventures. Emphasis is placed on the strategic implications of innovation as a source of competitive advantage, and how firms and industries can capture the benefits of innovation.

MGMT301 Managing Across Cultures

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: MGMT110 plus 12 cps from 200 or 300 level Faculty of Commerce subjects
Co-requisite: None
Exclusions:
Subject Description: This subject explores the influence of culture on management from an international business perspective. It discusses major theories of culture and their practical application to management issues such as communication, negotiation, decision-making, human resource management, ethics, expatriation and diversity. The subject fosters an understanding of how to manage successfully across cultural boundaries in an international business context.

MGMT309 Supply Chain Strategies

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: MGMT110, MGMT257 and ECON121 or COMM121 or STAT131
Co-requisite: None
Exclusions:
Subject Description: This subject focuses on supply chain strategies that are customer focused and market driven. It distinguishes between operational or supply-based approaches and strategic approaches to supply chain management, exploring the latter in depth. This subject highlights and provides solutions to the main challenges facing organisations wanting to select design and implement successful supply chain strategies in an increasingly global and competitive environment.

MGMT311 Management of Change

Spring Batemans Bay On Campus
Spring Bega On Campus
Spring Shoalhaven On Campus
Credit Points: 6
Pre-requisites: MGMT110
Co-requisite: None
Exclusions:
Subject Description: This subject deals with management of change in organisations. Topics include: sources of change, resistance to change, coping with change, organisational values, creation of organisational visions and missions, leading organisational change, models of organisational

change, creation and change of organisational cultures. Emphasis is placed on the application of theory to case study examples.

MGMT314 Strategic Management

Autumn	Batemans Bay	On Campus
Autumn	Bega	On Campus
Autumn	Shoalhaven	On Campus

Credit Points: 6
Pre-requisites: MGMT110 plus MARK213 or MARK101 plus 72 credit points
Co-requisite: None
Exclusions:
Subject Description: The subject deals with the strategic management process and planning functions in the business enterprise. Emphasis will be placed on the process by which opportunities and threats to the business enterprise are recognised and evaluated, and on the strategies required to meet these challenges. Topics include: business mission; customer and competitor analysis; industry analysis; environmental analysis; strategy and organisation; alternative business strategies.

MGMT316 Operations Management

Spring	Batemans Bay	On Campus
Spring	Bega	On Campus
Spring	Shoalhaven	On Campus

Credit Points: 6
Pre-requisites: ECON121 or COMM121 or STAT131
Co-requisite: None
Exclusions:
Subject Description: The purpose of this subject is to provide the student with a broad understanding of the key issues in modern operations management in both manaufacturing and service organisations, and to allow the student to develop some basic skills in the methodologies of operations management. It is an introductory subject designed for undergraduate students with no previous study in operations management. The subject content and assessment components reflect quantitative procedures associated with operations management and also qualitatively explore the relevant strategic, managerial and ethical issues associated with operations management.

MGMT321 Occupational Health and Safety Management

Spring	Wollongong	On Campus

Credit Points: 6
Pre-requisites: MGMT110 and MGMT398 or MGMT206
Co-requisite: None
Exclusions:
Subject Description: This subject aims to give students an introduction to Occupational Health and Safety Management (OHSM) and to examine some of the related theoretical and practical issues. There are a number of competing perspectives views and voices which are addressed. Topics covered include Occupational Health and Safety Management Systems (OHSMS), external regulation, management and multidisciplinary approaches, culture, communication, employee involvement and wellbeing.

MGMT322 Training & Development

Autumn	Wollongong	On Campus

Credit Points: 6
Pre-requisites: MGMT110 and MGMT398 or MGMT206
Co-requisite: None
Exclusions:
Subject Description: This subject provides students with an understanding of key concepts and practical approaches to the development of people in organisations. Topics include: theories and models of learning; job analysis; identification of training needs; training delivery forms and their selection; skills development and training; multi-skilling and flexibility; management development; succession planning; national and international frameworks of training; organisational learning and the learning organisation; organisational development; evaluation of training and development.

MGMT328 Logistics Management

Autumn	Wollongong	On Campus

Credit Points: 6
Pre-requisites: MGMT110 and ECON121 or COMM121 or STAT131
Co-requisite: None
Exclusions:
Subject Description: This subject provides an overview of logistics and inventory management approaches, exploring their role in overall supply chain strategy formulation. Students will develop understanding of procurement and inventory management models, the role of enabling technologies within the supply chain, and performance measurements techniques. Building on these principles, students will gain an understanding of the synergy between all aspects of logistics within the context of total supply chain management.

MGMT332 Entrepreneurship

Spring	Wollongong	On Campus

Credit Points: 6
Pre-requisites: MGMT110
Co-requisite: None
Exclusions:
Subject Description: Entrepreneurship is an important issue for economic development and prosperity. Entrepreneurship is an important issue for economic development and prosperity. This subject investigates and studies Entrepreneurs - the people who make innovations happen, and the new venture creation process. It allows students to undertake an action learning process of sourcing a possible innovative business idea, developing an appropriate business model and then testing it by developing a written business plan and presenting it to a suitable investor.

MGMT341 International and Comparative Human Resource Management

Spring	Wollongong	On Campus

Credit Points: 6
Pre-requisites: MGMT110 plus 12 cps from Faculty of Commerce 200 or 300 level subjects
Co-requisite: None
Exclusions: Not to Count for credit with ECON340 and COMM341
Subject Description: This subject focuses on the management of people in multinational firms. Main topics include: differences between domestic and international human resource management (HRM) and firm-level adjustments as firms go international; managing and supporting staff on international assignments (recruitment and selection, training and development, compensation and re-entry and career issues); global HRM issues, including industrial relations, performance management, and future issues; the HRM and industrial environment in a selection of countries.

MGMT350 Continuous Quality Improvement

Spring	Batemans Bay	On Campus
Spring	Bega	On Campus
Spring	Shoalhaven	On Campus

Credit Points: 6
Pre-requisites: MGMT110 plus ECON121 or COMM121 or STAT131
Co-requisite: None
Exclusions:
Subject Description: The purpose of this subject is to provide the student with an introduction to the principles and tools associated with the management philosophy and technique called 'Quality Management'. It is an introductory subject designed for undergraduate students with no previous study in this field. The subject engages both qualitative and quantitative approaches to help students to identify, analyse and understand the impacts of quality management systems in any organisation.

MGMT351 Responsible Leadership

Autumn	Batemans Bay	On Campus
Autumn	Bega	On Campus
Autumn	Shoalhaven	On Campus

Credit Points: 6
Pre-requisites: MGMT110 and MGMT201
Co-requisite: None
Exclusions:
Subject Description: This core subject in the management major examines different approaches to leadership including ethical leadership, and addresses current issues relating to leadership such as sustainability and human rights through leaders' influences on shareholders, employees, communities and society. Students will engage in experiential learning activities, case studies and analysis, scenario based problem-solving activities, highly interactive lectures and extensive classroom discussions. By engaging in these activities, students are expected to develop responsible leadership skills in order to apply them effectively in their personal and professional lives.

MGMT370 Project Management

Not on offer in 2013
Credit Points: 6
Pre-requisites: MGMT110 plus 6 cp from 200 MGMT subject
Co-requisite: None
Exclusions:
Subject Description: This subject provides an overview of the major elements of project management: conception and planning, scheduling, budgeting, risk management, managing the project team and implementation. Other topics include projects and strategy, dealing with contractors and clients and managing international projects.

MGMT389 International Business Management

Autumn	Batemans Bay	On Campus
Autumn	Bega	On Campus
Autumn	Shoalhaven	On Campus

Credit Points: 6
Pre-requisites: MGMT110 AND MARK213 or MARK101
Co-requisite: None
Exclusions:
Subject Description: This subject deals with the international business environment and the key issues involved in operating in international and global markets. The international and global business environment, entry modes, global strategies, functional strategies and the management and control of international/global operations are covered. On completion of this subject, students will have an understanding of international business and be able to apply key concepts in analysing and developing international business strategies.

MGMT392 Case Study

Not on offer in 2013
Credit Points: 12
Pre-requisites: MGMT398 & MGMT218
Co-requisite: None
Exclusions:
Subject Description: This subject entails in depth analysis of a management problem arising from the experience of an organisation. Enrolment is subject to the approval of the Associate Head of School - Management

MGMT393 Special Topics A

Autumn	Wollongong	On Campus
Spring	Wollongong	On Campus

Credit Points: 6
Pre-requisites: 12 cp from 100/200 level MGMT subjects
Co-requisite: None
Exclusions:
Subject Description: This subject examines selected issues in general management and in the various functional areas of management. Enrolment is subject to the approval of the Associate Head of School - Management.

MGMT401 Honours Research in Management

Annual	Wollongong	On Campus
Autumn	Wollongong	On Campus

Credit Points: 24
Pre-requisites: Entry to Honours
Co-requisite: None
Exclusions:
Subject Description: This subject is appropriate for students doing honours in the discipline of management in the Faculty of Commerce. The research topic must be approved by the Associate Head of School - Management. Students should also enrol in COMM480.

MGMT402 Honours Coursework in Management A

Annual	Wollongong	On Campus
Autumn	Wollongong	On Campus
Spring	Wollongong	On Campus

Credit Points: 12
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: The subject will enable all students doing honours in Management in the Faculty of Commerce to enrol in the same subject. Program of study must be approved by the Associate Head of School - Management.

Students undertaking this subject will also enrol in MGMT401 and COMM480.

MGMT403 Honours Coursework in Management B

Annual Wollongong On Campus
Autumn Wollongong On Campus
Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: The subject will enable all students doing honours in Management in the Faculty of Commerce to enrol in the same subject. Program of study is to be approved by the Associate Head of School - Management. Students undertaking this subject will also enrol in MGMT401 and COMM480.

MHSA100 Current Issues in Medical & Health Sciences

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: This subject will provide advanced students with an exciting opportunity to learn about current areas in medical and health research. Through interaction with various academics within and external to the School of Health Sciences, students will identify and discuss some of the main areas of and issues in medical and health research. There will be a broad range of research areas presented in this subject and specific topics will vary from year to year. Examples of research topics to be covered include brain development, dietery influences, biomechanics, metabolic disorders, mental illness, thermoregulation, cell membranes, aboriginal health and health policy and promotion.

MHSA200 Research Realities in Medical & Health Sciences

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: MHSA100
Co-requisite: None
Exclusions:
Subject Description: This subject is an extension of MHSA100 Current Issues in Medical and Health Sciences. It provides advanced students with an exciting opportunity to learn practical components of research in the broad field of Medical & Health Sciences. Students will gain theoretical and hands on experience in research methodologies within a broad range of research environments and learn how to apply these research methodologies to answer different research questions. Although the specific research environments that students will experience will vary from year to year, such research environments may include the Centre for Translational Neuroscience, Centre for Health Initiatives, Childhood Obesity Research Centre, Smart Foods Centre, Biomechanics Research Laboratory, Human Performance Laboratory and Metabolic Research Centre.

MINE220 Underground Mining Methods

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: Primary and secondary mine developments. Coal mining methods: advanced longwall systems; horizon and thick seam mining; pillar mining systems (partial extractions, place changing). Metalliferous mining methods: open and supported stoping, sublevel, VCR, caving methods, cut & fill, shrinkage stopping and solution mining.

MINE311 Surface Mining Methods

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: Surface mining operations; alluvial mining, hydraulic mining, and dredging; strip mining of bedded deposits, surface mining of massive deposits, quarrying. Environmental impacts of surface mining; restoration of mine sites; environmental impact assessment. Loading and transport of rocks and minerals. Drilling and blasting. Classification of explosives used in mines. Properties of explosives. Theories of detonation and blasting. Initiation of explosives. Blasting accessories. Systems of firing and blast design. Controlled blasting. Noise and vibration. Storage, transport and handling of explosives. Misfires and accident prevention. Environmental impacts of surface mining; restoration of mine sites; environmental impact assessment.

MINE312 Mine Ventilation

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: MINE220 Underground Mining Methods
Co-requisite: ENGG252 Engineering Fluid Mechanics
Exclusions:
Subject Description: Mine air; pressure, temperature and humidity, sampling. General principles of ventilation; natural and artificial ventilation. Fans; axial and centrifugal. Fan characteristics and operations. Fan combinations and analysis. Booster and auxiliary fans. Ventilation surveying and planning. Network analysis. Application of computers to mine ventilation. Heat in mines, its physiological and psychological effects. Mine air conditioning and refrigeration. Elements of mine thermodynamics. Ventilation. Laboratory experiments.

MINE313 Mine Power and Transport

Not on offer in 2013
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: Major mining equipment and mine services, including water, air, power (electrical and hydraulics). The design of materials handling and transport systems including: conveyor and hoisting systems and the infrastructure supporting them.

MINE323 Mining Geomechanics

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: MINE220 Underground Mining Methods OR MINE 221 Underground Coal Mining
Co-requisite: None
Exclusions:
Subject Description: Mechanical properties of rock, insitu properties of rock mass, index properties of rocks, pre-miming state of stress. Stress distribution around underground openings. Excavation design in massive elastic rock, stratified rock and jointed rock. Support and reinforcement - pillar design, rock bolting systems, passive support systems, longwall powered supports and mine backfill. Surface subsidence and methods of limiting damage due to subsidence. Rock bursts and bumps. Monitoring rock mass performance. Laboratory experiments.

MINE411 Health & Safety in Mines

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: MINE220 Underground Mining Methods and MINE311 Surface Mining Methods OR MINE311 Surface Mining Methods and MINE221 Underground Coal Mining OR MINE321 Underground Metal Mining
Co-requisite: None
Exclusions:
Subject Description: Gases in mines - firedamp emission and control, layering of mine gases. Spontaneous combustion. Dust and dust suppression. Fires and explosions. Measurement and control of noise. Rescue and recovery. Government regulations - coal and metalliferous mine regulations and acts, occupational health and safety act. Legal aspects of mining lease and legal responsibilities of mining engineers. Safety and accident avoidance. Optimising production without compromising safety.

MINE416 Mining Economics

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: Valuation of mineral properties and mining prospects: Project evaluation techniques: cash flow models, mineral taxation, tariffs, smelter agreements and accounting for inflation and risks. Commodity markets; company financial statements and financial ratios; the feasibility study process.

MINE421 Minerals Benefication

Not on offer in 2013
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: The subject is designed to provide students with detailed knowledge of the art of processing raw minerals to yield marketable products using physical, chemical and electro-magnetic techniques. The course contents will cover: Metallic and non-metallic ore, process flow charts and unit operations, sampling systems, slurry streams and mass balancing, concentration and recovery, net smelter return, particle size analysis, liberation and comminution, crushing and grinding, screening, classification, gravity concentration, flotation, dewatering, tailings disposal and industrial re-use. The lectures and tutorials will be complemented with laboratory tests, project work.

MINE422 Mine Planning and Development

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: MINE220 Underground Mining Methods and MINE311 Surface Mining Methods
Co-requisite: None
Exclusions:
Subject Description: Each student will be given basic information of a mining prospect including borehole data, surface topography and projected output. The student will be required to submit a comprehensive report of the mine project together with appropriate plans.

MINE423 Applied Mining Geomechanics

Not on offer in 2013
Credit Points: 6
Pre-requisites: MINE323 Mining Geomechanics
Co-requisite: None
Exclusions:
Subject Description: Geotechnical design of underground mine roadways, drifts, longwalls, stopes and tunnelling and tunnelling of soft ground. Assessments of spoil pile slope and highwall stability. Interpretation of stress state in underground mines and open cuts. Geotechnical monitoring systems, their practical use and interpretation of results as part of the mine manager's support rules. Introduction to numerical modelling and its use to assess ground stability. Strata Management Plans and support rules, Trigger Action Response Plans (TARP) for strata control in mines, tunnelling.

MINE433 Mineral Resource Estimation

Not on offer in 2013
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: Resource estimation processes and sampling methodology. Global and local block reserves by traditional methods. Review of statistical measures, outliers, and the desirable properties of an estimator. Basic concepts: regionalised variables, stationarity and intrinsic hypothesis. Variograms and structural analysis: calculation and interpretation experimental variograms and fitting theoretical models. Use of volume variance relationships. Estimation variance: sampling programs, optimal drill hole positions. Theory and practice of kriging: estimation at grid node and over block, total, and average grade. Recoverable reserves.

MINE434 Computer Applications in Mining Engineering

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: CIVL361
Co-requisite: MINE311
Exclusions:
Subject Description: Simulations of mining operations using available commercial software including FLAC, UDEC, GALENA, TALPAC and ANSYS FLUENT.

NANO101 Current Perspectives in Nanotechnology

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: The subject consists of a series of case studies from the main application areas of nanotechnology (electronics, micro- and nano-electromechanical systems; biomimmetics; nanostructured materials) illustrating the reasons why the nano-dimension offers advantages. Each case study will provide an overview of the importance of design, synthesis and characterisation in the realisation of the end-products. Guest lectures, web resources and tours of nanotechnology laboratories will be a feature as will demonstrations of the synthesis and characterisation of nano-materials (eg. AFM and nano-manipulation).

NANO101 Current Perspectives in Nanotechnology

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: The subject consists of a series of case studies from the main application areas of nanotechnology (electronics, micro- and nano-electromechanical systems; biomimmetics; nanostructured materials) illustrating the reasons why the nano-dimension offers advantages. Each case study will provide an overview of the importance of design, synthesis and characterisation in the realisation of the end-products. Guest lectures, web resources and tours of nanotechnology laboratories will be a feature as will demonstrations of the synthesis and characterisation of nano-materials (eg. AFM and nano-manipulation).

NANO201 Research Topics in Nanotechnology

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: NANO101
Co-requisite: None
Exclusions:
Subject Description: The subject consists of a series of lectures illustrating the development of understanding of materials behaviour at the nano-dimension; the methods for preparing nano-scale materials and the design, fabrication and testing of nano-devices. Emphasis in this subject is on the nanoscience and how basic studies in chemistry and materials combine and provide the basis for understanding current research in nanotechnology. The course includes laboratory sessions where students will prepare nanomaterials and investigate specific nano-phenomena (eg. tuned optical absorbance of nanoparticles).

NANO201 Research Topics in Nanotechnology

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: NANO101
Co-requisite: None
Exclusions:
Subject Description: The subject consists of a series of lectures illustrating the development of understanding of materials behaviour at the nano-dimension; the methods for preparing nano-scale materials and the design, fabrication and testing of nano-devices. Emphasis in this subject is on the nanoscience and how basic studies in chemistry and materials combine and provide the basis for understanding current research in nanotechnology. The course includes laboratory sessions where students will prepare nanomaterials and investigate specific nano-phenomena (eg. tuned optical absorbance of nanoparticles).

NANO301 Research Topics in Nanomaterials

Autumn Wollongong On Campus
Spring Wollongong On Campus
Credit Points: 8
Pre-requisites: NANO201
Co-requisite: None
Exclusions:
Subject Description: Research projects related to nanotechnology are undertaken under the direct guidance of an academic supervisor, chosen after consultation with academic staff and the subject coordinator. The projects will introduce students to a range of advanced experimental techniques and familiarise them with the scienetific approach to research. The reseach is equivalent to about 100 hours lab time plus analysis and report writing. Selection for this laboratory project is based on merit and intending students should consult with the Nanotechnolgy discipline coordinator before enrolment.

NANO301 Research Topics in Nanomaterials

Autumn Wollongong On Campus
Spring Wollongong On Campus
Credit Points: 8
Pre-requisites: NANO201
Co-requisite: None
Exclusions:
Subject Description: Research projects related to nanotechnology are undertaken under the direct guidance of an academic supervisor, chosen after consultation with academic staff and the subject coordinator. The projects will introduce students to a range of advanced experimental techniques and familiarise them with the scienetific approach to research. The reseach is equivalent to about 100 hours lab time plus analysis and report writing. Selection for this laboratory project is based on merit and intending students should consult with the Nanotechnolgy discipline coordinator before enrolment.

NANO401 Honours Project in Nanomaterials/ Nanotechnology

Annual Wollongong On Campus
Spring2013/Autumn2014 Wollongong On Campus
Credit Points: 24
Pre-requisites: NANO301.
Co-requisite: None
Exclusions:
Subject Description: Students will carry out a research project within a Materials based research group under the supervision of one or more members of staff. A list of possible projects will be provided and students will give a number of preferences. Students write a major thesis based on their work that is examined by two independent examiners.

NANO401 Honours Project in Nanomaterials/ Nanotechnology

Annual Wollongong On Campus
Spring2013/Autumn2014 Wollongong On Campus
Credit Points: 24
Pre-requisites: NANO301.
Co-requisite: None
Exclusions:
Subject Description: Students will carry out a research project within a Materials based research group under the supervision of one or more members of staff. A list of possible projects will be provided and students will give a number of preferences. Students write a major thesis based on their work that is examined by two independent examiners.

NMIH100 Foundation Studies III

Not on offer in 2013
Credit Points: 0
Pre-requisites: None
Co-requisite: None
Exclusions: NURS100 or NMIH110
Subject Description: The aim of this subject is to introduce students to different types and sources of knowledge that can be used in nursing. Specifically the issues dealt with will be examined in relation to the responsibility of a registered nurse and safe practice. Information literacy will be intertwined throughout the subject.

NMIH101 Effective Communication in Health Care Relationships

Autumn Bega On Campus
Autumn Shoalhaven On Campus
Autumn Southern Sydney On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions: NURS162
Subject Description: Effective communication in health care relationships is fundamental to effective and efficient health care. Students of health care practice need to understand the theoretical concepts of interpersonal communication, the importance of interpersonal skills in health care, the beginning skills for relating to patients/ clients and the fundamentals of professional presentation skills. This subject will introduce the student to the concepts of self awareness, professional relationships and the therapeutic use of self and professional behaviour and communication skills.

NMIH102 Patterns of Knowing in Nursing

Autumn Bega On Campus
Autumn Shoalhaven On Campus
Autumn Southern Sydney On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions: NURS164
Subject Description: Five fundamental patterns of knowing in nursing have been identified in the literature as the structure of nursing knowledge empirical (science), personal (intuitive & experiential), aesthetic (art) and ethical and legal knowledge. It is imperative that students of nursing are able to discern sources of knowledge and ways of knowing. Therefore the ways of knowing will be introduced to enable the student to explore how knowledge and knowing contributes to nursing practice.

NMIH103 Art and Science of Nursing A

Autumn Bega On Campus
Autumn Shoalhaven On Campus
Autumn Southern Sydney On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: NMIH104
Exclusions:
Subject Description: This is a foundation subject in the undergraduate nursing programme. Nursing practice in the 21st century needs to be based on a sound knowledge base; therefore it is imperative that the students of nursing are exposed to the essential elements that underpin safe nursing practice. Nursing is considered to be both an art and a science therefore it is important that the nature of nursing, the development of nursing as a profession, the social and cultural context of nursing and the nature of nursing knowledge and practice are considered. This subject will introduce the student to nursing; its nature and evolution and the knowledge, skills and behaviours that form a basis for the development of nursing competence.

NMIH104 Art and Science of Nursing B

Autumn Bega On Campus
Autumn Shoalhaven On Campus
Autumn Southern Sydney On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: NMIH103
Exclusions:
Subject Description: This subject will provide a basis for safe nursing practice. It will introduce the student to the skills required in the nursing process and the utilisation of the activities of living model as the approach to the organisation of patient/client care. This will include an introduction to the skills of assessment, planning, implementation and evaluation; observe and participate in patient/client care activities safely; occupational health and safety; individualised patient care. Case studies will be used to integrate theory to practice, in this subject they will focus on safety and infection control.

NMIH105 Primary Health Care Nursing

Spring Bega On Campus
Spring Shoalhaven On Campus
Spring Southern Sydney On Campus
Credit Points: 6
Pre-requisites: NMIH101
Co-requisite: None
Exclusions: NURS165
Subject Description: The subject will introduce the student to the primacy of health and well being. Health promotion and health education strategies will be explored. The nurse's role in preventative and Primary Care Nursing will be defined and the role of the nurse as a teacher will be introduced and the skills developed. Case studies will be used to integrate theory to practice, in this subject they will focus on Healthy Lives.

NMIH106 Essentials of Care A

Spring	Bega	On Campus
Spring	Shoalhaven	On Campus
Spring	Southern Sydney	On Campus

Credit Points: 6
Pre-requisites: NMIH103 and NMIH104
Co-requisite: NMIH107
Exclusions:
Subject Description: This subject provides the student with the opportunity to develop the clinical skills and knowledge required to care for patients/clients with uncomplicated problems. Students will further develop their knowledge of assessment, specifically primary and secondary data used in identification of patient/client problems, planning care, specific interventions and evaluation of care for people using the following activities of living: communications; mobilising; working and playing; expressing sexuality; sleeping and dying. Case studies will be used to integrate theory to practice, in this subject they will focus on Pre/intra/post intervention and Independence/Dependency

NMIH107 Essentials of Care B

Spring	Bega	On Campus
Spring	Shoalhaven	On Campus
Spring	Southern Sydney	On Campus

Credit Points: 6
Pre-requisites: NMIH103 and NMIH104
Co-requisite: NMIH106
Exclusions:
Subject Description: This subject runs parallel to NMIH106 Essentials of Care A and continues to explore nursing practice as a complex and dynamic process, it requires students to develop the knowledge, skills and behaviours required to participate in the assessment, planning, implementation and evaluation of patient/client care. It continues to develop students of nursing to focus on simple, uncomplicated presentations of patient/client problems to develop beginning competence. It also is designed to further develop the essential skills in utilising health sciences - building on the content of Art and Science of Nursing A and on Art and Science of Nursing B. This subject aims to develop the clinical skills required to care for patients/clients with uncomplicated problems. Students will have the opportunity to participate in care delivery in practice during a 10 day clinical placement attached to this subject.

NMIH108 Introduction to Health Behaviour Change

Spring	Bega	On Campus
Spring	Shoalhaven	On Campus
Spring	Southern Sydney	On Campus

Credit Points: 6
Pre-requisites: NMIH102
Co-requisite: None
Exclusions: POP 103
Subject Description: This subject introduces students to the theories and strategies of health behaviour change at the levels of the individual, the group or community, and the population. The subject also reviews the ethical and practical issues related to motivating people to change their health-related behaviours.

NMIH109 Special Topic in Nursing 1

Autumn	Wollongong	On Campus
Spring	Wollongong	On Campus

Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: This subject will provide the opportunity for students to undertake the specific content required and complete a 100 level subject so that they can make progress through the Bachelor of Nursing programme. A learning contract will be developed that identifies the specific content, learning opportunities and formative and summative assessment required.

NMIH110 Professional Nursing Studies

Not on offer in 2013
Credit Points: 0
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: In this subject students will be introduced to the key concepts of the Bachelor of Nursing program. This will include legal, ethical and professional issues and their relationship to the role of the registered nurse. Students will also develop literacy and computer skills to support academic writing, utilise eLearning and the academic skills required to bridge to the Bachelor of Nursing program.

NMIH120 Concepts in Nursing

Autumn	Wollongong	Flexible
NMIH Bridge Sept	Wollongong	On Campus

Credit Points: 0
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: In this subject students will be introduced to the key concepts of the Bachelor of Nursing program. This will include professional issues and their relationship to the role of the registered nurse. Students will also develop literacy and computer skills to support academic writing, utilise eLearning and the academic skills required to bridge to the Bachelor of Nursing program.

NMIH201 Principles of Episodic Care

Autumn	Bega	On Campus
Autumn	Shoalhaven	On Campus
Autumn	Southern Sydney	On Campus

Credit Points: 6
Pre-requisites: NMIH106, NMIH107
Co-requisite: NMIH202
Exclusions:
Subject Description: This subject continues the development of nursing practice; emphasising that many people enjoy healthy lives with minimal ill health and only minor illnesses or injuries. Some people however have more challenging acute, episodic illnesses or injuries. This subject utilises a holistic approach and the activities of living model of care to further explore assessment, for people with common problems/presentations requiring episodic care. Students will plan care cognisant of the biological, psychological, social cultural, environmental and politico economic factors, lifespan, diversity and dependency. The implementation of care will be considered within the wider health care team. Case studies will be used to integrate theory to practice, in this subject they will focus on Diabetes, Shock and Trauma.

NMIH202 Developing Nursing Practice 1

Autumn	Bega	On Campus
Autumn	Shoalhaven	On Campus
Autumn	Southern Sydney	On Campus

Credit Points: 6
Pre-requisites: NMIH106, NMIH107
Co-requisite: NMIH201
Exclusions:
Subject Description: Students of nursing need to be able to recognise patient problems and the acuity of these problems, identify nursing interventions and the contribution of the multi-disciplinary team. Therefore this subject continues to develop nursing practice; utilising a holistic approach when caring for a person with alteration in homeostasis, illnesses or accidents requiring short term/episodic care. The chief topics include: the role of the body systems in the control of homeostasis; common diseases, disorders and trauma affecting homeostasis. Evidence based clinical practice will incorporate: assessment, planning, delivery and evaluation of care for people with an episodic illness that result in alterations in homeostasis across the lifespan. Case studies will be used to integrate theory to practice, in this subject they will focus on Cardiac, Asthma and Trauma patients.

NMIH203 Family Centred Nursing

Autumn	Bega	On Campus
Autumn	Shoalhaven	On Campus
Autumn	Southern Sydney	On Campus

Credit Points: 6
Pre-requisites: NMIH106, NMIH107
Co-requisite: None
Exclusions:
Subject Description: Family-centred care is an innovative approach to the planning, delivery, and evaluation of health care that is grounded in mutually beneficial partnerships among patients/clients, their families, and health care providers. This subject will introduce the student to concepts of family in all their contemporary forms and enable them to effectively care for women, men and children in urban, rural and remote settings.

NMIH204 Reflection and Practice

Autumn	Bega	On Campus
Autumn	Shoalhaven	On Campus
Autumn	Southern Sydney	On Campus

Credit Points: 6
Pre-requisites: NMIH101
Co-requisite: None
Exclusions: NURS264
Subject Description: Facilitation of the skills of reflection is through a structured process of critical thinking and logical argument. This subject builds on the skills introduced earlier in the programme related to the identification, accessing and evaluation of clinically relevant literature illuminated by exposure in clinical practice. This subject assists the student to further develop the skills of personal and professional reflection. It includes: the notion of reflective professional practice; identifying, accessing and evaluating information and its relevance to practice; identification, development and refining of relevant questions; practical reasoning skills; critical analysis skills, focusing on lines of argument.

NMIH205 Cultural Competence in Health Care Practice

Spring	Bega	On Campus
Spring	Shoalhaven	On Campus
Spring	Southern Sydney	On Campus

Credit Points: 6
Pre-requisites: NMIH101
Co-requisite: None
Exclusions:
Subject Description: This subject provides the student with the opportunity to analyse culture and diversity in the context of Australian health care. 'Achieving cultural competence in health care is everybody's responsibility.' (NHMRC 2005, p. 3). Australia is culturally diverse; therefore the people who live in Australia have differing social, political and economic backgrounds. Health care professionals need to understand and respond appropriately to the needs of people from these diverse backgrounds and therefore demonstrate cultural competency.

NMIH206 Therapeutics in Nursing

Spring	Bega	On Campus
Spring	Shoalhaven	On Campus
Spring	Southern Sydney	On Campus

Credit Points: 6
Pre-requisites: NMIH102
Co-requisite: None
Exclusions: NURS265
Subject Description: There are many types of therapy used in the care and treatment of patients/clients. Students of nursing need to understand the role of the nurse in administering medications through the study of pharmacology. However, society in general has become more aware of the use of alternative and complementary therapies in the amelioration of their problems. It is important therefore for the nurse to understand the ethos underpinning alternative and complementary therapies and how these can and should be expanded into patient/client care.

NMIH207 Developing Nursing Practice 2

Spring	Bega	On Campus
Spring	Shoalhaven	On Campus
Spring	Southern Sydney	On Campus

Credit Points: 6
Pre-requisites: NMIH201, NMIH202
Co-requisite: None
Exclusions:
Subject Description: Developing Nursing Practice 1 identified that many people have single episodes of illness or injury requiring intervention by health care professionals and that students of nursing need to be able to care for these people. These problems sometimes affect human functioning and in this subject students will develop further knowledge, skills and behaviours to expand their capabilities in episodic care whether the patient/client is in an institutional setting or being cared for in their own home. Students will have the opportunity to participate in care delivery in practice during a 10 day clinical placement attached to this subject.

NMIH208 Mental Health Nursing 1

Spring	Bega	On Campus
Spring	Shoalhaven	On Campus
Spring	Southern Sydney	On Campus

Credit Points: 6
Pre-requisites: NMIH201, NMIH202
Co-requisite: None
Exclusions: NURS263
Subject Description: This subject will introduce the students to the concept of mental health, mental disorders and the provision of care for people who are affected by these disorders. Students will be given an overview of the forces that have shaped mental health services in Australia today. The subject will cover the affects that various mental disorders and substance related disorders have on the population and the impact this has on nurses working in the health field.

NMIH209 Special Topic in Nursing 2

Not on offer in 2013
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: This subject will provide the opportunity for students to undertake the specific content required and complete a 200 level subject so that they can make progress through the Bachelor of Nursing programme. A learning contract will be developed that identifies the specific content, learning opportunities and formative and summative assessment required.

NMIH243 Comparative Indigenous Health Issues

Not on offer in 2013
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: The aim of this subject is to provide a comparative discourse on Indigenous health issues. The subject focuses on a historical and comparative analysis of the complex factors involved primarily in the Australian context. There is opportunity for critical interrogation of the rhetoric and practices associated with Indigenous health and with self-determination. The subject examines Indigenous definition and articulation of problems; as well as strategies for addressing the issues. There is also a comparison of specific health issues with those of Indigenous peoples in North America and New Zealand.

NMIH301 Nursing Care of People with Chronic Conditions

Autumn	Bega	On Campus
Autumn	Shoalhaven	On Campus
Autumn	Southern Sydney	On Campus

Credit Points: 6
Pre-requisites: NMIH207
Co-requisite: None
Exclusions: NURS362
Subject Description: There are a number of chronic health conditions that are prevalent in the population. This subject examines a number of issues related to chronic health conditions. Students will have the opportunity to integrate knowledge gained from previous subjects into the care of people with chronic conditions. This subject has a clinical component where students will have the opportunity to practice skills gained in this subject to care for a chronically ill patient during a 10 day/two weeks clinical placement practicum.

NMIH302 Mental Health Nursing 2

Autumn	Bega	On Campus
Autumn	Shoalhaven	On Campus
Autumn	Southern Sydney	On Campus

Credit Points: 6
Pre-requisites: NMIH208
Co-requisite: None
Exclusions: NURS365
Subject Description: This subject will provide extended understanding of mental health, alcohol and other drug nursing; continuing the knowledge from NMIH208 Mental Health Nursing 1. Specific skills will be developed, such as; assessment, planning, implementing and evaluating care for individuals affected by a range of complex, serious and enduring mental health and dually diagnosed conditions. This will include the impact of chronic and complex conditions on the individual, family and carer. Group work skills and basic theory in Cognitive Behaviour Therapy will also be covered.

NMIH303 Therapeutic Use of Self

Autumn	Bega	On Campus
Autumn	Shoalhaven	On Campus
Autumn	Southern Sydney	On Campus

Credit Points: 6
Pre-requisites: NMIH204
Co-requisite: None
Exclusions: NURS363
Subject Description: In the process of communication we are required to deal with the emotions, thoughts and actions of firstly ourselves and secondly, the people around us. Those we deal with in the health system are better served by clinicians who are aware of their own values and beliefs and are willing to challenge and question those beliefs. However, for specific goal orientated and therapeutic communications in the professional context, our understanding is required to be more intensive. This subject will enable students to develop a portfolio of skills to assist them in any generalist or specialist clinical practice area. These skills will be developed through the use of simulation based on specific clinical situations. The skills learnt in this subject are transferable to all areas of the health service and both underpin and complement therapeutic communication skills.

NMIH304 Evidence Appreciation and Application in Health Care Practice

Autumn	Bega	On Campus
Autumn	Shoalhaven	On Campus
Autumn	Southern Sydney	On Campus

Credit Points: 6
Pre-requisites: NMIH102
Co-requisite: None
Exclusions: NURS364
Subject Description: A commitment to research based care is essential within health care practice, both for improved standards of care and the development of curious and critical practitioners. In order to make their commitment to research a reality, practitioners require not only insight into research methodologies, but also the ability to critically analyse existing research. Strategies for increasing research awareness, disseminating existing findings should also be clearly understood. The focus of this subject therefore is the development of research appreciation and application skills, not the production of research workers.

NMIH305 Nursing Care of People with Complex Conditions

Spring	Bega	On Campus
Spring	Shoalhaven	On Campus
Spring	Southern Sydney	On Campus

Credit Points: 6
Pre-requisites: NMIH301
Co-requisite: None
Exclusions:
Subject Description: There are a number of people who have complex health problems. These may be genetic or develop as a result of injury, degeneration or complications. This subject will consider a detailed examination of the role of the nurse in the provision of holistic care for individuals with a complex problem. The student will have the opportunity to integrate knowledge gained from previous subjects into the care of a person with a complex problem.

NMIH306 Challenges of Ageing

Spring	Bega	On Campus
Spring	Shoalhaven	On Campus
Spring	Southern Sydney	On Campus

Credit Points: 6
Pre-requisites: NMIH301
Co-requisite: None
Exclusions:
Subject Description: This subject seeks to explore the multiplicity of issues, challenges and support required to achieve the Commonwealth's aged care program aim to provide appropriate services and care for healthy ageing for older Australians and quality and cost-effective care for frail older people and support for their carers. This will include care planning for older people respecting the primacy of maintaining independence, dignity and safety. Exploration of biological, psychological, social cultural, environmental and politico economic factors affecting people as they age. The speciality of gerontological nursing will be examined and the role of the nurse as an advocate for this area of nursing and older people will be studied. Case studies will be used to integrate theory to practice, in this subject they will focus on dementia, chronic illness and cardiac disease.

NMIH307 Leadership in Health Care Practice

Spring	Bega	On Campus
Spring	Shoalhaven	On Campus
Spring	Southern Sydney	On Campus

Credit Points: 6
Pre-requisites: NMIH304
Co-requisite: None
Exclusions:
Subject Description: Strategies for developing leadership attributes in the healthcare workforce are now evident in NSW Health initiatives: Government Action Plan - Working As A Team, Capacity Building and Clinical Leadership Programme. Consequently, it is imperative that students of health care study leadership to examine the knowledge; skills and behaviours involved in leadership. The aim of the subject is to enable recognition of the significance of the leadership and followership attributes to the provision of health and social care in a variety of settings.

NMIH308 Transition to Professional Practice

Spring	Bega	On Campus
Spring	Shoalhaven	On Campus
Spring	Southern Sydney	On Campus

Credit Points: 6
Pre-requisites: NMIH301, NMIH302
Co-requisite: None
Exclusions:
Subject Description: Professional registration requires the practitioner to be accountable to the regulatory board. As a result the beginning practitioner must demonstrate clinical competence as identified in the ANMC Competency Standards for the Registered Nurse (2005). This subject provides the opportunity for the student of nursing to focus on the knowledge skills and behaviours developed through the programme and work towards transition to become a registered nurse. Students will have the opportunity to participate in care delivery in practice during a 20 day clinical placement attached to this subject. It is intended that this will be, if possible, a destination specific placement so that the student will develop appropriate skills related to that care setting.

NMIH309 Special Topic in Nursing 3

Spring	Wollongong	On Campus

Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: IRI.HK students: This subject will focus on development of critical thinking and application of those skills to enhance the professional and clinical practice of graduates. Issues examined will contribute to the philosophical, ethical, moral and clinical development of self and the application of awareness of self to current practice. History and the relationship to contemporary nursing will be examined. Students at other campuses: This subject will provide the opportunity for students to undertake the specific content required and complete a 300 level subject so that they can make progress through the Bachelor of Nursing programme. A learning contract will be developed that identifies the specific content, learning opportunities and formative and summative assessment required.

NMIH312 Therapeutic Intervention in Mental Health

Spring	Bega	Flexible
Spring	Shoalhaven	Flexible
Spring	Wollongong	Flexible

Credit Points: 6
Pre-requisites: NMIH302
Co-requisite: None
Exclusions:
Subject Description: This subject is a core subject in the Bachelor of Nursing (Mental Health) and will build on knowledge and skills acquired to date in the Bachelor of Nursing programme. This subject provides the opportunity to develop theoretical and practical skills to work therapeutically with people to promote mental health, including alcohol and other drug use, and to facilitate recovery. Specific topics will address psychotherapeutic interventions such as individual psychotherapy, group psychotherapy planned and short term psychotherapy, motivational interviewing, cognitive behavioural therapy, dialectical behavioural therapy, acceptance and commitment therapy as well as medication adherence and principles of collaborative recovery.

NMIH314 Mental Health Nursing and the Older Person

Spring	Bega	Flexible
Spring	Shoalhaven	Flexible
Spring	Wollongong	Flexible

Credit Points: 6
Pre-requisites: NMIH304
Co-requisite: None
Exclusions:
Subject Description: As people age, their presenting symptoms are often very different to those exhibited by people during early and middle adulthood. Assessment, treatment and nursing management needs to be tailored to the individual's needs. Topics to be covered in this subject and related specifically to the assessment and care of the older person include depression, anxiety disorders, suicide, substance misuse, delirium, dementia and schizophrenia. This subject will also focus on the relationship with partners and carers, culturally diverse populations as well as drawing on existing priority documents and taking into account relevant legal documents. The subject will be delivered flexibly to enable students who may be undertaking a clinical placement off shore the opportunity to successfully complete the requirements expected.

NMIH315 Practice Development and Person Centred Nursing

Spring	Bega	Flexible
Spring	Shoalhaven	Flexible
Spring	Wollongong	Flexible

Credit Points: 6
Pre-requisites: NMIH303
Co-requisite: None
Exclusions:
Subject Description: This subject is interactive in nature and will consist of a series of guided workshops in which students are required to participate in and engage with. Specifically, it will cover the purpose, methodology, facilitation and evaluation of practice development and will initiate patient centred practice development activities that can be used in a variety of settings such as child health nursing, older person nursing, mental health and family health.

NMIH316 Innovation in Clinical Practice

Spring	Bega	Flexible
Spring	Shoalhaven	Flexible
Spring	Wollongong	Flexible

Credit Points: 6
Pre-requisites: NMIH304
Co-requisite: None
Exclusions:
Subject Description: Specific topics will include change theory, resistance to change, coping with change, managing change in health care, implementing change and the nurse as change agent. It will explore adopter categories, networks and the innovation process in organisations within the context of organisational culture. It will also look at workforce planning issues and clinical management including leading a multidisciplinary team, managing workload, clinical information management, managing critical incidents in clinical management and public relations and communication.

NMIH318 Contemporary Leadership Perspectives

Spring	Bega	Flexible
Spring	Shoalhaven	Flexible
Spring	Wollongong	Flexible

Credit Points: 6
Pre-requisites: NMIH304
Co-requisite: None
Exclusions:
Subject Description: This subject will look at various themes of leadership, both successful as well as leadership planning that does not work out the way it was initially envisaged. Failures can lead to future successes. It follows leaders and leadership which is inspiring, challenging, collaborative, intentional, transformative and visionary. Students will analyse and apply these principles to their own leadership opportunities and ascribe the qualities to leaders that they meet in their professional lives.

NMIH320 Clinical Practice 1

Spring	Bega	Flexible
Spring	Shoalhaven	Flexible
Spring	Wollongong	Flexible

Credit Points: 6
Pre-requisites: NMIH301, NMIH302
Co-requisite: None
Exclusions:
Subject Description: This subject comprises clinical perspectives to be explored at an extended level within the students chosen area of expertise. Students will be able to negotiate their own clinical placement in conjunction with an academic mentor and the clinical coordination team and the clinical placement will be undertaken on shore. Flexible delivery methods including eLearning will be used to supplement students clinical learning and to tie theory to practice.

NMIH322 Nursing Care of People with Chronic and Complex Conditions

Autumn	Wollongong	On Campus

Credit Points: 6
Pre-requisites: NMIH207, NMIH208
Co-requisite: None
Exclusions:
Subject Description: This subject provides opportunities for students to explore aspects of chronic and complex conditions and the provision of holistic individualised care. The skills of care planning will be further developed to enable the student to care for people with multifaceted needs during habilitation, rehabilitation and palliative phases of their illness. This will include case management, symptom management, phases of illness, context of chronic care, complications of chronic conditions, legal, ethical and professional end of life issues. The focus will be on increased dependence in care provision, focusing on complex care, assessment/reassessment, care plans and evaluation. Case studies will be used to integrate theory to practice.

NMIH323 Primary and Community Health Care Nursing

Spring	Wollongong	On Campus

Credit Points: 6
Pre-requisites: NMIH322
Co-requisite: None
Exclusions:
Subject Description: This subject will introduce the student to the primacy of health and well being. Health promotion and health education strategies will be explored. The nurse's role in Primary and Community Care Nursing will be defined and the role of the nurse as a teacher will be introduced and the skills developed. Case studies will be used to integrate theory to practice.

NMIH325 Community Development Nursing: Theory and Practice

Spring	Wollongong	On Campus

Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: This subject will focus on the nurse as an educator to optimise the independence of people as they move from an institutional setting and back into the community. Students will examine the broader scope of health professionals and will build upon concepts learned in previous subjects. Special emphasis will be placed on working across cultures.

NMIH327 Environmental Health

Autumn	Wollongong	On Campus

Credit Points: 6
Pre-requisites: NMIH240 or NMIH243
Co-requisite: None
Exclusions:
Subject Description: This subject provides an overview of and an opportunity for discourse on key factors to be considered in environment, health and planning for urban, rural and remote Indigenous communities. There is a focus on the requirements of public health policy and legislation. There is also a critical interrogation ofthe relationship between the environment and issues of public and community health. Analysis of the new public health (particularly health promotion, primary health care, community health, and environmental health) will underpin the theoretical framework for this subject. Issues such as research, environmental racism, health settings, access to public health facilities, and population stresses will be examined in the light of their impact on allocation of health resources and service delivery.

NMIH328 Management in Nursing

Not on offer in 2013
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: This subject is designed to introduce to the students relevant management issues that will be important during their first year of practice, and later when they are required to take a leading role in the management of resources and staff. The content will examine the professional nurse work practices in relation to: a Model of Management, Health Care Systems / organisations, Nursing Care Delivery Systems, Patient Acuity & Ward Staffing, Managing Change - particularly managing the transition from a university culture to practicing as a professional nurse in hospital settings, Time Management, Information Systems in Health Care, and Evaluation of Work Practices.

NMIH331 Research For Registered Nurses

Autumn	Wollongong	On Campus

Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: A commitment to research based care is essential within nursing and midwifery, both for improved standards of care and the development of curious and critical practitioners. In order to make their commitment to research a reality, practitioners require not only insight into research methodologies, but also the ability to critically analyse existing research. Strategies for increasing research awareness and widely disseminating existing findings should also be clearly understood. The focus of this subject therefore is the development of research appreciation and application skills, not the production of research workers.

NMIH341 Research in Indigenous Health

Not on offer in 2013
Credit Points: 6
Pre-requisites: NMIH243
Co-requisite: None
Exclusions:
Subject Description: This subject provides students with an opportunity to identify and analyse specific issues in relation to Indigenous research. These issues include cultural and intellectual property rights, research ethics, contested knowledges; and the role of research in community development. This subject explores the notion of research in Indigenous health frameworks as a community-controlled endeavour; and introduces the practices of various research methodologies including action research and participatory planning.

NMIH343 Indigenous Community Development: Mental Health Issues

Not on offer in 2013
Credit Points: 6
Pre-requisites: NMIH242 or NMIH243
Co-requisite: None
Exclusions:
Subject Description: The health and health care needs of many societies are changing significantly in response to changing social values and patterns of living. Traditional medical approaches to health care are being questioned and reviewed, particularly in response to effectiveness and appropriateness for Indigenous peoples. The prevalence and impact of mental health issues in Indigenous communities has been identified as one of the most pressing issues in need of urgent attention and resources. Communities need to work in partnership with service providers to ensure the development and sustainability of mental health programs; one such way is through health promotion and education. The conceptual framework for this subject is drawn from community development, health promotion, and self-determination. There will also be specific emphases on social justice, institutionalised racism, and social and emotional wellbeing

NMIH344 Indigenous Community Development: Health Promotion

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: NMIH240 or NMIH243
Co-requisite: None
Exclusions:
Subject Description: This subject will provide students with an opportunity to identify, develop and evaluate practical applications of health promotion in Indigenous communities. The subject introduces the principles and theory of health promotion within a primary health care and community development framework. Some of the principles that guide education for health and planning education sessions are also discussed.

NMIH401 Nursing Honours

Annual Bega On Campus
Annual Shoalhaven On Campus
Annual Southern Sydney On Campus
Credit Points: 48
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: This course is designed to provide supervision for a beginning researcher, through individual mentoring and group seminars. The major component of the course is to guide the student through the research process, including formulating testable questions from the research literature; devising appropriate methods to test these questions; obtaining ethics committee approval; data collection and analysis; oral presentation of results; and report writing. Students will develop and conduct a research project resulting in a thesis presentation.

PHIL106 Media, Ethics and Law

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions: BCM106
Subject Description: This subject examines a range of ethical issues raised by contemporary media. We will survey media regulation in Australia and consider whether the existing regulatory framework is adequate to protect the public interest with regard to the issues examined. Topics covered include: privacy, defamation and vilification, free speech and censorship, representations of sex and violence, truth, lies and 'spin', war reporting, the role of the media in a democracy, the concentration of media ownership, commercialisation, advertising ethics, body image, the nature of celebrity, spectacle, voyeurism and the trivialisation of popular culture. This subject is part of the 100 level core for the Bachelor of Communications and Media, and is a compulsory subject for students wishing to undertake the major in Journalism and Professional Writing.

PHIL107 Values, Self and Knowledge

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: This subject introduces fundamental philosophical problems in ethical theory, personal identity, the nature of the self and epistemology. The first half of the subject examines the nature of ethics, beginning with the question of whether there are objective ethical facts or whether ethical beliefs are subjective or culturally relative. We then study utilitarian and rights-based approaches to ethics and look at how these theories are applied to real moral dilemmas. The second part of the subject is concerned with the nature of personal identity. What is the self? Are we one and the same person throughout our lives? The final section looks at theories of knowledge. What is knowledge? Can we be certain of our beliefs? Do we need to be?

PHIL151 Practical Reasoning

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions: PHIL153 or PHIL253 or PHIL214
Subject Description: This subject is an introduction to the informal study of reasoning and argument. We shall look at the standards of argument and patterns of reasoning we employ in everyday situations: reading, studying, discussing, debating, and so on. We shall consider ways in which arguments can be convincing without being valid (and valid without being convincing). We shall look briefly at the way in which language functions and apply what we learn to explain how many of the 'dirty tricks' we encounter in arguments work. We shall also consider some of the methods of reasoning employed in the law and in the natural and social sciences. Topic areas are: Inductive and deductive logic; meaning and definition; informal fallacies; inductive reasoning.

PHIL206 Practical Ethics

Autumn Wollongong On Campus
Credit Points: 8
Pre-requisites: Any 36 credit points
Co-requisite: None
Exclusions:
Subject Description: Practical Ethics begins with an introduction to consequentialist and rights-based approaches to applied ethics. This conceptual framework will be used to examine a range of controversial social / political issues, including: genetic preselection and eugenics, human rights and multiculturalism, civil rights and the scope of individual freedom, drugs, war and terrorism, nanotechnology, human enhancement, commodification of human tissues, surrogacy, globalisation, and the ethics of risk.

PHIL207 International Studies in Philosophy

Autumn Wollongong On Campus
Spring Wollongong On Campus
Credit Points: 8
Pre-requisites: 36 credit points including 6 credit points PHIL
Co-requisite: None
Exclusions:
Subject Description: This is not a subject that students can directly enrol in. This is a subject code created to offer greater flexibility to students intending to study philosophy while on international exchange. The University is committed to providing opportunities for international experience and cultural exchange, so that students may enrich their academic programs and gain a global outlook. Students studying overseas who take a philosophy subject that has no direct equivalent in the UOW philosophy program can apply for credit for PHIL207. The function of this subject is enable students who study philosophy while on international exchange to credit that study towards a major or minor sequence in philosophy.

PHIL209 Logic

Not on offer in 2013
Credit Points: 8
Pre-requisites: Any 36 credit points
Co-requisite: None
Exclusions:
Subject Description: An introduction to the methods and techniques of formal logic and to the central issues in philosophical logic that concern the connections between reasoning in natural languages and reasoning in formal languages. Topics include: proof in propositional and predicate logic, the interpretation of propositional and predicate logic, soundness and completeness of propositional logic, the adequacy of formal logic to model reasoning in natural language.

PHIL210 Contemporary European Philosophy

Not on offer in 2013
Credit Points: 8
Pre-requisites: 36 credit points including 6 credit points of PHIL
Co-requisite: None
Exclusions:
Subject Description: This subject is an introduction to some of the major themes and figures in contemporary European philosophy, especially those that have had an impact on philosophers outside Europe. We will explore issues such as: language, interpretation and meaning; existence and being; power and knowledge; intersubjectivity and difference; time and death; phenomenology. We will consider these themes through the work of philosophers such as: Foucault, Deleuze, Gadamer, Nietzsche, Sartre, Merleau-Ponty, Habermas, Ricoeur, Bourdieu and Heidegger.

PHIL211 Greek Philosophy

Not on offer in 2013
Credit Points: 8
Pre-requisites: At least 36 credit points
Co-requisite: None
Exclusions:
Subject Description: A rich tradition of intellectual enquiry can be traced back to the philosophers of Ancient Greece. Through the development of cooperative and critical rational enquiry, these original thinkers instigated a new approach to the contemplation and investigation of human being and its place in the universe and thus provided the initial impetus for the enterprises of western philosophy and modern science. This subject aims to foster understanding and appreciation of the nature and spirit of philosphy, science and enquiry itself by examining their origins from Thales to Aristotle. Topics include: moral and political philosophy, metaphysics (ontology), epistemology, Socratic method, sophistry, rhetoric, skepticism, cynicism, stoicism, phenomenology, cosmology, natural philosophy, ancient medicine and scientific theory.

PHIL213 Philosophy of Feminism

Not on offer in 2013
Credit Points: 8
Pre-requisites: 36 credit points including 6 credit points of PHIL
Co-requisite: None
Exclusions: PHIL260 or PHIL363
Subject Description: Philosophy of Feminism is an introduction to feminist philosophy, examining the relationships between feminism and philosophy. Explores analytical and ethical issues which arise in feminist philosophy and the ways these issues divide feminists, through exploration of the ways the following topics arise in feminist theories: difference; rationality and reasoning; subjectivity, autonomy and agency; the body; moral reasoning, justice and interdependence; public/private distinctions or civic/domestic divisions; citizenship and access to social goods.

PHIL220 Philosophy of Science

Autumn Wollongong On Campus
Credit Points: 8
Pre-requisites: 36 credit points
Co-requisite: None
Exclusions:
Subject Description: An introduction to fundamental philosophical questions about science and the nature of scientific explanation. The course will look at issues such as: the structure of scientific reasoning and the processes by which theories are tested and confirmed or refuted; accounts of explanation in science: what must an explanation achieve to count as 'scientific?'; the idea that science uncovers 'laws of nature', such as the laws of physics, and 'natural kinds', such as biological species; the relationship between theories and explanations from different sciences: could all scientific theories reduce to just one fundamental theory?

PHIL232 Political Philosophy

Spring Wollongong On Campus
Credit Points: 8
Pre-requisites: At least 36 credit points
Co-requisite: None
Exclusions: (PHIL332) or (PHIL257) or (PHIL357) or (PHIL383)
Subject Description: An introduction to political philosophy. We will look at diverse perspectives on a range of central issues in political philosophy, such as rights, equality, justice, democracy, the justification of the state, and political authority. Typical questions may include: Are any rights genuinely universal? If so, what is the basis for those rights? Is democracy the best political system? What are its defects and how might they best be managed? In what sense, if any, is equality an important value? What is social justice? Is it just, for example, that the better-off be taxed in order to support the worse-off? If so, is this just only within the confines of a particular country, or also on a global scale?

PHIL255 Philosophy of Language

Not on offer in 2013
Credit Points: 8
Pre-requisites: 36 credit points, including 6 credit points of PHIL
Co-requisite: None
Exclusions: PHIL355
Subject Description: This subject provides an introduction to some of the central themes in the philosophy of language, in which we explore various historical and contemporary attempts to develop a viable theory of meaning. Questions that will arise include: how is it that some marks and sounds have meaning?, how is it that people can communicate?, how should we deal with phenomena such as metaphor?, what is the relationship between meaning and context?, and are there such things as meanings?

PHIL256 Ethics and the Environment A
Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: At least 36 credit points
Co-requisite: None
Exclusions: PHIL258
Subject Description: A study of evaluative issues concerning the environment. Provides a grounding in debates about issues such as our obligations to non-human animals, whether wilderness areas have value independently of their value to humans, the problem of overpopulation and the question of our obligations to the 3rd world and to future generations, and climate change. This subject can also be taken as an 8 credit point subject, PHIL258, which shares lectures and tutorials, but has different assessment, reflecting the extra 2 credit points.

PHIL258 Ethics and the Environment B
Autumn Wollongong On Campus
Credit Points: 8
Pre-requisites: At least 36 credit points
Co-requisite: None
Exclusions: (PHIL256)
Subject Description: A study of evaluative issues concerning the environment. Provides a grounding in debates about issues such as our obligations to non-human animals, whether wilderness areas have value independently of their value to humans, the problem of overpopulation and the question of our obligation to the 3rd world and to future generations, and climate change. This subject shares lectures and tutorials with the 6 credit point subject, PHIL256, but has different assessment, reflecting the extra 2 credit points.

PHIL262 Theories of Knowledge
Spring Wollongong On Campus
Credit Points: 8
Pre-requisites: At least 36 credit points, including 6 credit points PHIL
Co-requisite: None
Exclusions: PHIL322
Subject Description: An examination of attempts to answer the central questions in the theory of knowledge and of the metaphysical implications of those attempts. The questions addressed include: What is knowledge?; Is knowledge possible? (the challenge of scepticism); Is knowledge different from information?; Is a normative epistemology possible or desirable?. We will discuss, eg debates over internalism and externalism, realism and anti-realism, descriptive and revisionary metaphysics.

PHIL284 Theoretical Ethics
Autumn Wollongong On Campus
Credit Points: 8
Pre-requisites: At least 36 credit points, including 6 credit points of PHIL
Co-requisite: None
Exclusions: (PHIL301)
Subject Description: This subject introduces the ethical thought of some canonical philosophers: such as Aristotle, Hume, Kant, Mill and Hegel. We also look at some influential contemporary works that draw on these foundational ethical theories.

PHIL286 Philosophy of Social Science
Not on offer in 2013
Credit Points: 8
Pre-requisites: At least 36 credit points
Co-requisite: None
Exclusions:
Subject Description: Philosophy of Social Science is a critical survey of contemporary theories about the nature of social science. It examines the naturalistic, interpretive, critical and postmodern schools. This survey is focussed by sceptical concerns regarding the possibility of a social science, and the possibility of determinately interpreting each other. We will adopt as the underlying thematic focus the question of inter-cultural understanding, the significance of cultural relativism, and the possibility of multiculturalism.

PHIL288 Philosophy of Mind
Spring Wollongong On Campus
Credit Points: 8
Pre-requisites: At least 36 credit points including 6 credit points of PHIL
Co-requisite: None
Exclusions: PHIL351
Subject Description: Examines contemporary issues in one or more of the following areas: metaphysics of mind (dualism, mind-body identity, functionalism, etc.); theories of intention and agency; explanations of irrationality (such as divided mind accounts of self-deception and weakness of will); theories of emotion (its nature, epistemology and role in moral psychology); self-knowledge and first-person authority.

PHIL305 Special Philosophical Questions
Autumn Wollongong On Campus
Spring Wollongong On Campus
Credit Points: 8
Pre-requisites: Approval of Convenor of Program
Co-requisite: None
Exclusions:
Subject Description: A detailed, supervised investigation at an advanced level of an approved philosophical topic, author, period, or school of thought.

PHIL309 Wittgenstein's Philosophical Investigations
Not on offer in 2013
Credit Points: 8
Pre-requisites: At least 16 credit points of 200 level PHIL
Co-requisite: None
Exclusions:
Subject Description: This subject is a study of Ludwig Wittgenstein's Philosophical Investigations, and of some of the debates that work has generated. The Investigations is one of the most important, controversial, and influential philosophical works of the last 100 years, and remains a focal point for many contemporary philosophical discussions. We will examine Wittgenstein's discussions of issues such as: the search for meaning, rule-following, philosophy of mind, aesthetics, the theory of knowledge, the status of religious belief, and the nature of philosophy itself.

PHIL310 Advanced Practical Ethics
Not on offer in 2013
Credit Points: 8
Pre-requisites: 16 credit point of 200 level PHIL subjects
Co-requisite: None
Exclusions:
Subject Description: Advanced Practical Ethics involves a critical examination of a range of applied ethics issues. It provides students who have already been introduced to ethical theory or practical ethics with a more sophisticated understanding of current debates about methodology, critical responses to public policy in areas of social controversy, and a number of issues in practical ethics. Throughout this subject attention is paid to the interaction of theory and practical application, the influence of theory on practice, and the use of practical issues to test the plausibility of ethical theory.

PHIL313 Advanced Theoretical Ethics
Not on offer in 2013
Credit Points: 8
Pre-requisites: 16 credit point of 200 level PHIL subjects
Co-requisite: None
Exclusions:
Subject Description: This subject provides an advanced exploration of some key issues in contemporary theoretical ethics and metaethics through close examination of works of major theorists. This subject develops understanding of current debates in ethical theory to an advanced level by close reading of and critical engagement with major works in the area.

PHIL314 The Embodied Mind
Spring Wollongong On Campus
Credit Points: 8
Pre-requisites: At least 16 credit points of PHIL at 200 level.
Co-requisite: None
Exclusions:
Subject Description: We will examine, at an advanced level, major recent arguments that impact on contemporary philosophy of mind. We will explore questions such as: how could consciousness have evolved?, can consciousness be studied scientifically?, can consciousness be understood in bodily terms? could minds be identical to brains? are reasons causes?, what is the status of folk psychology?

PHIL324 Philosophy of Computing
Autumn Wollongong On Campus
Credit Points: 8
Pre-requisites: Any 36 credit points
Co-requisite: None
Exclusions:
Subject Description: An examination of philosophical problems related to computing. The course examines issues such as: the concept of a computer and computation; the connection between computation and cognition, including cognition as symbol processing, connectionism, dynamical systems theories, and robotics; artificial 'life' and computational accounts of life; ethical questions about computing: does it make sense to apply ethical categories to computers, or can these only apply to people who build computers or write computer programs? The relationship between online or virtual worlds and the 'real' world: how does our presence and behaviour in one relate to that in the other?

PHIL380 Bioethics
Spring Wollongong On Campus
Credit Points: 8
Pre-requisites: Any 36 credit points
Co-requisite: None
Exclusions: (PHIL965)
Subject Description: Philosophical examination of a range of important bioethical problems. We will explore such topics as: euthanasia and physician-assisted suicide; reproduction technology (e.g. IVF, cloning); anonymous donor programs; genetic counselling, screening and testing; definitions of life and death, allocation of health resources; organ transplantation; embryo and foetal research; genetic engineering, experimentation involving human subjects; research involving animals; the role of ethics committees; the nature of professional ethics.

PHIL390 Global Ethics
Not on offer in 2013
Credit Points: 8
Pre-requisites: At least 16 credit points in PHIL at 200 level OR 8 credit points in PHIL at 200 level plus POL 213
Co-requisite: None
Exclusions:
Subject Description: Many of the most important ethical and political issues today have global dimensions. Examples include poverty and development, climate change and other environmental problems, and human rights. Global Ethics consists of an in-depth analysis of a range of those issues. Topics treated may include whether individuals and governments in rich countries should give more aid to people in poor countries; whether there is such a thing as global justice; the conditions under which military action aimed at protecting human rights in foreign countries might be morally justified; what 'development' is; and who should do what in response to climate change.

PHIL470 Philosophy Honours
Not on offer in 2013
Credit Points: 12
Pre-requisites: Major in philosophy with an average of at least 80% and at least two distinctions in 300-level philosophy subjects.
Co-requisite: None
Exclusions:
Subject Description: The Philosophy Honours Seminar explores philosophical argument, thesis-writing and topics that broaden the student's knowledge of philosophy. Topics covered are likely to include ethics, philosophy of mind, political philosophy, philosophy of science, philosophy of language, feminism, epistemology, philosophy of law.

PHIL472 Combined Philosophy Honours
Not on offer in 2013
Credit Points: 12
Pre-requisites: Major in philosophy with an average of at least 80% and at least two distinctions in 300-level philosophy subjects.
Co-requisite: None
Exclusions:
Subject Description: The Philosophy Honours Seminar explores philosophical argument, thesis-writing and topics that broaden the student's knowledge of philosophy. Topics covered are likely to include ethics, philosophy of mind, political philosophy, philosophy of science, philosophy of language, feminism, epistemology, philosophy of law.

PHYS030 Foundation Physics
Not on offer in 2013
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: This is an introductory foundation Physics subject in the bachelor degree program for engineering. The subject is designed for students who are entering degree program for which a background in physics and mathematics is essential. It prepares and promotes students interest for university physics and engineering subjects. It provides a necessary basis for all students progressing to the first year of university degree subjects in the engineering major. Furthermore, it serves as a pre-requisite subject for students requiring necessary physics skills.

PHYS141 Fundamentals of Physics A
Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: Vectors; vector algebra; motion in one dimension; motion in a plane; particle dynamics; work and energy; conservation of energy; conservation of momentum; collisions; rotational kinematics; rotational dynamics; conservation of angular momentum; equilibrium of rigid bodies; simple harmonic motion; gravitation; elasticity; temperature; heat and the first law of thermodynamics; kinetic theory of gases; entropy and the second law of thermodynamics; fluid statics; fluid dynamics.

PHYS142 Fundamentals of Physics B
Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: Vectors and their applications; an introduction to the physical laws of electricity and magnetism, leading to an explanation of the generation of electromagnetic waves and some basic ideas in communication theory. Electric charge and Coulomb's law, electric fields, potential differences, capacitance, dielectrics and relative permittivity, electric current, resistance, Ohm's 'law', superconductivity, DC circuits and Kirchhoffs laws, magnetic fields and forces, electromagnetic waves and the EM spectrum, carrier waves, modulation and bandwidth. Waves; reflection and refraction; interference; diffraction; polarization; optical instruments; quantum physics; waves and particles; atomic physics; the Bohr atom.

PHYS143 Physics For Engineers
Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: Vectors and their applications; an introduction to the physical laws of electricity and magnetism, leading to an explanation of the generation of electromagnetic waves and some basic ideas in communication theory. Electric charge and Coulomb's law, electric fields, potential differences, capacitance, dielectrics and relative permittivity, electric current, resistance, Ohm's 'law', superconductivity, DC circuits and Kirchhoffs laws, magnetic fields and forces, electromagnetic waves and the EM spectrum, carrier waves, modulation and bandwidth. Waves; reflection and refraction; interference; diffraction; polarization; optical instruments; quantum physics; waves and particles; atomic physics; the Bohr atom.

PHYS154 Energy, Organisms and Human Society
Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: This subject will provide students with a broad overview of the role energy plays in our lives by covering the following: forms of energy; energy in living organisms; metabolic rates; heat transfer mechanisms, historical and contemporary overview of energy usage in human societies; energy, productivity and economic growth; energy balance and climate change; energy generation technologies and their impacts, energy resources and sustainability.

PHYS155 Introduction to Biomedical Physics
Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: This subject focuses on an organism as an open thermodynamic system, i.e. a system exchanging energy and matter with its environment, and discusses how the laws of physics limit these exchanges. Topics covered will include: energy, metabolic rates, radiation, conduction, convection and temperature control; static forces in organisms, how organisms move on land; fluid properties, diffusion, osmosis, transport of nutients, introduction to the mammalian respiratory and cardiovascular systems; sensory perception, the electromagnetic spectrum, optical systems, sound, ultrasound and the Doppler effect; electric charges, fields, potentials and forces; cell potentials, cell membranes and ion transport.

PHYS205 Advanced Modern Physics
Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: PHYS141 and PHYS142 And MATH142 or MATH162 or MATH188
Co-requisite: None
Exclusions:
Subject Description: Special relativity; Lorentz transformations; quantum effects; atomic structure; wave-particle duality; black body radiation; photo-electric effect; bremsstrahlung; Compton effect; X-rays; de Broglie hypothesis, particle diffraction; quantum mechanics; wave packets; uncertainty principle; Schrodinger equation; correspondence principle; particle in a box; wave functions of the hydrogen atom; nuclear particles, decay laws; binding energy; nuclear reactions; fission and fusion; statistical distribution functions; energy bands; impurity states; p-n junction and transistor.

PHYS206 Project in Physics
Annual Wollongong On Campus
Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: Normally performance in 100-level Physics and Mathematics subjects at the level of distinction or better
Co-requisite: None
Exclusions:
Subject Description: Sption 1: After successfully completing this subject, the student will be able to design and construct experiments appropriate to undergraduate physics programs and be able to document the procedure required for carrying out such experiments. Option 2: After successfully completing this subject, the student will have gained experience in working as part of a small research group be able to keep working records of the progress of experiments have gained a variety of basic skills related to the specific area of research in which they have been involved.

PHYS215 Vibrations, Waves & Optics
Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: PHYS141 and PHYS142
Co-requisite: MATH202 OR MATH283 OR MATH291
Exclusions:
Subject Description: Simple harmonic motion; two body oscillations; damped harmonic oscillator; power dissipation; quality factor; driven harmonic oscillator; superposition principle; Fourier analysis; Huygens' principle; reflection and refraction; wave motion; sinusoidal waves; group velocity; dispersion; Young's experiment; interference; coherence; Stokes' treatment of reflection and refraction; interference; standing waves; Fabry-Perot interferometer; Michelson interferometer; Fourier spectroscopy; Fresnel diffraction; Fraunhofer diffraction; resolving power; diffraction grating; holography; polarization of waves; double refraction; interference of polarized light.

PHYS225 Electromagnetism and Optoelectronics
Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: PHYS141, PHYS142, MATH201
Co-requisite: None
Exclusions:
Subject Description: Lectures cover, in detail, the fundamental experimental laws of electromagnetism, how these relate to the electrical and magnetic properties of materials and finally lead to the four Maxwell field equations. Plane wave solutions to Maxwells equations in free space and the properties of these waves. Coulomb's and Gauss' laws, potential, capacitance, properties of dielectrics, field calculations, steady currents magnetism, Biot-Savart law, Ampere's law, magnetic properties of materials, Faraday's law, inductance, charge continuity equations, Maxwell's equations, plane waves in free space. The associated electronics laboratory consists mainly of experimental work, combined with some lectures and tutorials, covering the physics of p-n junction diodes and transistors, simple device models, AC theory, transistor amplifiers, operational amplifiers and their use in a variety of elementary circuits (amplifiers, adders, integrators, differentiators).

PHYS233 Introduction to Environmental Physics
Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: This subject is based on a sequence of modules, each of which introduces a key environmental physics theme illustrated using case studies. Students will be introduced to simple systems modelling utilising spread sheet analysis. The key areas studied are: (i) Atmospheric gases and vapours, (ii) Thermal radiation and the environment, (iii) Hydrodynamics of air, water and particulates, (iv) Hydrology of soils and porous materials.

PHYS235 Mechanics & Thermodynamics
Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: PHYS141 and PHYS142
Co-requisite: MATH201
Exclusions:
Subject Description: Vector calculus; kinematics of a particle; dynamics of a particle; moving reference systems; central forces; dynamics of a system of particles; mechanics of rigid bodies; Lagrange's Equations. Thermodynamic systems; equations of state; work; the first law of thermodynamics and its consequences; the second law of thermodynamics; entropy; combined first and second laws; thermodynamics potentials; applications of thermodynamics; kinetic theory of the ideal gas; molecular velocity distribution.

PHYS255 Radiation Physics
Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: PHYS141 and PHYS142
Co-requisite: None
Exclusions:
Subject Description: Different types of radiation; Interaction between radiation and matter; Nuclear reactor and particle accelerator based applications in biology, medicine and physics; Nuclear reactions and the production of radioisotopes; Nuclear instrumentation; Application of radio-isotopes in biology, chemistry, medicine and physics; Use of neutrons in biology, chemistry, physics and in industry.

PHYS295 Astronomy - Concepts of the Universe
Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: This subject takes a non-mathematical approach to Astronomy. No prior knowledge of physics is required to do the subject. This course will illustrate the techniques used by astronomers and will attempt to give an understanding of the universe as we presently understand it. The use of telescopes will give the opportunity to observe the phenomena discussed. The development of astronomy; the planets; the formation of the solar system; the sun as a star; the message of starlight; the visible stars; the birth and death of stars; telescopes, big and small; the milky way; the universe of galaxies.

PHYS305 Quantum Mechanics
Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: PHYS205 or PHYS230
Co-requisite: None
Exclusions:
Subject Description: The course is an introduction to the wave mechanical theory of quantum mechanics and some applications to simple systems. Probability, the Wave Function, Schrodinger's equation in one dimension, normalisation, expectation values, operators. The time-independent Schrodinger equation, application to various potential functions, tunnelling. QM in three dimensions, degeneracy, the hydrogen atom. Time independent perturbation theory, angular momentum and spin, identical particles; atoms, solids and quantum statistics.

PHYS306 Project in Physics
Annual Wollongong On Campus
Credit Points: 6
Pre-requisites: Normally performance in 200-level Physics and Mathematics subjects at the level of distinction or better
Co-requisite: None
Exclusions:
Subject Description: Option 1: After successfully completing this subject, the student will be able to design and construct experiments appropriate to undergraduate physics programs and be able to document the procedure required for carrying out such experiments. Option 2: After successfully completing this subject, the student will have gained experience in working as part of a small research group be able to keep working records of the progress of experiments have gained a variety of basic skills related to the specific area of research in which they have been involved.

PHYS325 Electromagnetism
Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: PHYS225 or PHYS230
Co-requisite: None
Exclusions:
Subject Description: Starting with the Maxwell field equations, the course examines the properties of electromagnetic waves in free space, non-conducting and conducting materials, waveguides and plasmas. Reflection and refraction, particularly total internal reflection, are covered in detail. The generation of electromagnetic waves by accelerating charge is treated via the Lienard - Wiechert potentials and Feynman's equation. Revision of charge continuity, Maxwell's equations, boundary conditions. EM waves in free space and materials. Reflection and refraction, Snell's law and the Fresnel equations, total internal reflection and evanescent waves. Waveguides, TE and TM modes, cut off frequency. Generation of EM waves, Lienard-Wiechert potentials, Feynman equation and its application to simple systems: far-field dipole and synchrontron radiation fields.

PHYS335 Classical Mechanics
Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: PHYS235
Co-requisite: None
Exclusions:
Subject Description: Theoretical mechanics: holonomic constrains, d'Alembert's principle and Lagrange's equations; generalised potentials; variational approach and Hamilton's principle; symmetry and conservation laws; central force problem; Hamiltonazin formulation of mechanics; principle of least action; canonical transformations; Poisson brackets; canonical invariants; Liouville's theorem; Hamilton-Jacobi theory; action-angle variables; classical field theory; Noether's theorem. Electromagnetism: Poisson and Laplaces' equations; Green's theorem; uniqueness of solution in electrostatics; Green's functions; method of images; separation of variables and orthogonal expansions for boundary value problems; multipoles; dielectrics; magnetostatics; time-dependent fields; gauge transformations; time-dependent Green's function; Poynting vector; Maxwell stress tensor; plane electromagnetic waves in media and at dielectric interfaces; frequency dependence of dielectric response; Kramer-Kronig relations; waveguides; radiating systems and diffraction.

PHYS356 Physics of Detectors and Imaging
Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions: PHYS452 Medical Imaging
Subject Description: Topics covered will include: * The photographic process, solid state detectors and CCDs. * The characterisation of detectors; signal to noise, sensitivity, calibration, flat fields and reduction techniques. * The software and hardware of image processing; film digitisers and plate scanners. * Sources of diagnostic X-rays. * Computer tomography, instrumental set up, image definition, back projection, signal to noise, CT numbers, contrast CT and radiotherapy. * Nuclear magnetic resonances, Larmor frequency, basic imaging, slice selection, phase and frequency encoding, spin echoes, TE and TR relaxation times.

PHYS363 Advanced Photonics
Not on offer in 2013
Credit Points: 6
Pre-requisites: PHYS263 Photonics and Communication and 1 subject of 200-level Mathematics or PHYS215
Co-requisite: None
Exclusions:
Subject Description: Content: Optical Design and Fabrication, Light Sources and Lasers, Photonic Materials, Quantum optics and Nanostructures, Opto-mechanical and Electro-optical Devices, Materials Diagnostics, Advanced Metrology

PHYS365 Detection of Radiation: Neutrons, Electrons and X Rays
Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: PHYS205 or PHYS230 or PHYS255
Co-requisite: None
Exclusions:
Subject Description: Cylindrical and parallel plate ionisation chambers and their optimised design. Absolute dose calibration protocols and the relative dose concept. Semiconductor detectors and their response to radiation. Thermoluminescent dosimeters - their properties, types and advantages. Film dosimetry - the principles of radiation film exposure and non-linearity of film response, EPR dosimetry and chemical dosimetry.

PHYS366 Physics of Radiotherapy
Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: This subject is intended to lead to an understanding of the techniques involved in diagnostic and therapeutic uses of radioactive isotopes in medicine. Topics covered will include: A review of homoeostasis and cellular functions, epidemiology of disease; abnormal cell growth; benign and malignant tumours; cell kill; introduction to particle accelerators; medical linear accelerators; the interaction properties of X-rays and electrons; clinical radiotherapy, linear accelerator x-ray and electron beam properties; the radiotherapy computer planning process, x-ray modelling methods and brachytherapy and radiosurgery.

PHYS375 Nuclear Physics
Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: PHYS215 And PHYS225 And PHYS235 And PHYS305
Co-requisite: None
Exclusions:
Subject Description: Topics presented will be selected from: 1.nuclear characteristics: radius, charge, mass, composition, energy levels, angular momentum, 2.nuclear models: liquid drop, semi-empirical and shell models 3.nuclear interactions and the compound nucleus 4.radioactive decay including alpha, beta and gamma emission 5.fission and chain reactions 6.fission reactors and radioactive waste 7.nuclear fusion and stellar nuclear processes 8.particle accelerators 9.elementary particles: protons to quarks

PHYS376 Nuclear Fuels Cycle
Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: PHYS205
Co-requisite: PHYS305 and PHYS375
Exclusions:
Subject Description: The subject will be developed around powerpoint lectures, presentations and discussions dealing with the main topics. Practical work will be undertaken in the 300-level Physics Teaching Laboratories, ANSTO. Review of nuclear decay, activation cross-sections, binding energies and fission processes; The fuel cycle-overview; Uranium mining and refining; Separation processes - laser, centrifuge, atomic beam, diffusion; Fuel rod design and assembly; Fission reactor design-theory; Fission reactors in practice - heat exchange, moderation, control rods etc; Fusion reactors-theory; Nuclear power generation(Carnot cycle etc) thermal pollution; other uses for nuclear reactors; Nuclear waste - low level, mid level and high level disposal; Contamination by airborn and water born radioactive isotopes; Radiation monitoring and OH&S with application to mining, reactors and disposal of radioactive isotopes.

PHYS385 Statistical Mechanics
Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: PHYS235
Co-requisite: None
Exclusions:
Subject Description: Content: Review of thermodynamics, quantum statistical mechanics; sharply peaked distributions, ensembles; entropy and temperature; the chemical potential; Gibbs and Boltzmann factors - partition functions; fluctuations; pressure and thermodynamic identity; Boltzmann definition of entropy; identical particles - fermion and boson distribution functions; applications to electrons in metals; blackbody radiation and Debye theory of vibrations in solids; classical limit of the quantum distribution functions; monatomic ideal gas; Maxwell-Boltzmann velocity distribution; kinetic theory; transport processes.

PHYS390 Astrophysics
Not on offer in 2013
Credit Points: 6
Pre-requisites: PHYS205
Co-requisite: None
Exclusions:
Subject Description: This subject runs biennially in even years and is comprised of observational and theoretical astrophysics. Modern observational astrophysics involves observing across a wide range of wavebands from the X-ray and Gamma Rays through visible light and into the infrared and radio. Photometry methods of detection and analysis will be discussed in the context of stellar evolution. Theoretical Astrophysics topics will be selected from: Cloud collapse, Star formation and radiative transfer, Main sequence stellar models, Stellar evolution, Galaxy evolution and Cosmology.

PHYS396 Electronic Materials
Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: Assumed knowledge PHYS205
Co-requisite: None
Exclusions:
Subject Description: The nature of electronic materials. Electrons in solids, band theory: insulators, conductors, semiconductors and superconductors. The free and nearly free electron theories. Electrical conductivity, Hall effect. Types of magnetic materials. Semiconductors - intrinsic, extrinsic, the hole, the p-n junction. Superconductors - phenomena, BCS theory. Production of semiconductors and superconductors, control of processing to achieve desired properties. Design and production of novel materials to achieve improved performance in electronic devices; modern applications.

PHYS401 Theoretical Mechanics & Electromagnetism
Autumn Wollongong On Campus
Credit Points: 8
Pre-requisites: The main programs in physics at 400-level are directed toward the Honours BSc qualification and BMedPhys. Full time Honours BSc students will normally enrol in PHYS405. Honours BMedPhys students will enrol in the Bachelor of Medical Physics program.
Co-requisite: None
Exclusions:
Subject Description: Theoretical mechanics: holonomic constrains, d'Alembert's principle and Lagrange's equations; generalised potentials; variational approach and Hamilton's principle; symmetry and conservation laws; central force problem; Hamiltonazin formulation of mechanics; principle of least action; canonical transformations; Poisson brackets; canonical invariants; Liouville's theorem; Hamilton-Jacobi theory; action-angle variables; classical field theory; Noether's theorem. Electromagnetism: Poisson and Laplaces' equations; Green's theorem; uniqueness of solution in electrostatics; Green's functions;

method of images; separation of variables and orthogonal expansions for boundary value problems; multipoles; dielectrics; magnetostatics; time-dependent fields; gauge transformations; time-dependent Green's function; Poynting vector; Maxwell stress tensor; plane electromagnetic waves in media and at dielectric interfaces; frequency dependence of dielectric response; Kramer-Kronig relations; waveguides; radiating systems and diffraction.

PHYS405 Honours in Physics

Annual Wollongong On Campus
Credit Points: 48
Pre-requisites: Completion of a 144 cp BSc degree which includes PHYS305, PHYS325, PHYS335, PHYS375, PHYS385, PHYS390 or PHYS363 and PHYS396 (or equivalent). These subjects are to be passed at the level of credit or better.
Co-requisite: None
Exclusions:
Subject Description: Includes: Honours Project, Coursework Program, Electromagnetism, Quantum Mechanics, Astrophysics, Solid State Physics.

PHYS441 Advanced Astrophysics

Not on offer in 2013
Credit Points: 4
Pre-requisites: The main programs in physics at 400-level are directed toward the Honours BSc qualification and BMedPhys. Full time Honours BSc students will normally enrol in PHYS405. Honours BMedPhys students will enrol in the Bachelor of Medical Physics program.
Co-requisite: None
Exclusions:
Subject Description: This subject runs biennially in even years and is comprised of observational and theoretical astrophysics. Modern observational astrophysics involves observing across a wide range of wavebands from the X-ray and Gamma Rays through visible light and into the infrared and radio. Photometry methods of detection and analysis will be discussed in the context of stellar evolution. Theoretical Astrophysics topics will be selected from: Cloud collapse, Star formation and radiative transfer, Main sequence stellar models, Stellar evolution, Galaxy evolution and Cosmology.

PHYS444 Quantum Mechanics

Annual Wollongong On Campus
Credit Points: 8
Pre-requisites: The main programs in physics at 400-level are directed toward the Honours BSc qualification and BMedPhys. Full time Honours BSc students will normally enrol in PHYS405. Honours BMedPhys students will enrol in the Bachelor of Medical Physics program.
Co-requisite: None
Exclusions:
Subject Description: Topics to be covered over the two semesters: * Introduction, quantum or classical? * Operators and eigenfunctions * Approximation method (stationary) * Approximation method (time-dependent) * Semiclassical approximation, variational techniques * Linear algebra and matrix mechanics * Scattering theory * Angular momentum * Spin, unitary transformation * Dynamics of two level systems * Quantum dynamics * Identical particles and symmetry * Addition of angular momentum, C-G coefficients * Spin orbit interaction and particle-EM field interaction * Molecules and Born-Oppenheimer approximation * Semiclassical theory of radiation * Intensity of radiation and selection rules * Relativistic quantum mechanics and Dirac equations * Introduction the quantum field theory

PHYS446 Solid State Physics

Autumn Wollongong On Campus
Credit Points: 8
Pre-requisites: The main programs in physics at 400-level are directed toward the Honours BSc qualification and BMedPhys. Full time Honours BSc students will normally enrol in PHYS405. Honours BMedPhys students will enrol in the Bachelor of Medical Physics program.
Co-requisite: None
Exclusions:
Subject Description: After successfully completing this subject, students will be able to apply the fundamental aspects of physics to problems relating to matter in the solid state. This subject consists of the lecture content of the Solid State Physics section of PHYS405.

PHYS451 Nuclear Medicine

Spring Wollongong On Campus
Credit Points: 8
Pre-requisites: 24 cp of third year subjects from the BMedical Physics program including PHYS375 and PHYS255
Co-requisite: None
Exclusions:
Subject Description: Content: Evolution and basic physics of radionuclide imaging. Tracer principle in Nuclear Medicine. Radioactive agents or diagnostic studies. Therapeutic radioactive agents. Physiology of body organs. Diagnosis of body organ damage - single photon emitters, positron emitters. Technetium generating, instrumentation. Quantification of the radionuclide image. Role of the computer, quality control of Nuclear Medicine studies. Therapeutic Nuclear Medicine, dosimetry principles, waste disposal. I-131, Radiation safety for patients and personnel. Paediatric considerations.

PHYS452 Medical Imaging

Autumn Wollongong On Campus
Credit Points: 8
Pre-requisites: 24 cp of third year subjects from the BMedical Physics program including PHYS375.
Co-requisite: None
Exclusions:
Subject Description: Diagnostic image acquisition techniques, image analysis in quality assurance and artefacts. Topics covered will include - the photographic process, solids state detectors and CCDs, the hardware of image processing; film digitisers and plate scanners, software techniques, histograms, enhancements, convolution, edge enhancement, fourier techniques and operature synthesis, Sources of diagnostic X - rays, computer tomography, instrumental set up, image definition, back projection, signal to noise, CT numbers, contrast, CT and radiotherapy. Principles of, and quality assurance in ultrasound imaging. Nuclear magnetic resonances, Larmor frequency, basic imaging, slice selection, phase and frequency encoding, spin echoes, TE and TR relaxation times, mechanisms of contrast in MRI, multiecho imaging, multi slice imaging, fast imaging, flow imaging. MR angiography, 3D data acquisition, chemical shift imaging, contrast agents, image artifacts and distortion, localised spectroscopy, set up of a clinical MR scanner, safety aspects.

PHYS453 Radiobiology and Radiation Protection

Spring Wollongong On Campus
Credit Points: 8
Pre-requisites: 24 cp of third year subjects from the BMedical Physics program including PHYS375.
Co-requisite: None
Exclusions:
Subject Description: Interaction of radiation with matter, molecular effects of radiation, cell kill, repair of injury, assays of cell survival, the effect of oxygen, effect of chemical and biological modifiers, cell kinetics, tumour cell kill, early and late responding normal tissues, radio biological models, four Rs of radiobiology, time as an important factor, clinical impact in radiotherapy, protons, neutrons and pions. The natural background of radiation, man made sources of radiation, genetic and somatic risks, risks of low dose exposure, quality factor, 'critical organs', concepts of radiation protection. ALARA limit values, open and closed sources of radiation, incorporation and bio kinetics of radionuclides, external sources of radiation, pregnancy and radiation, the role of the ICRP, legal aspects.

PHYS456 Imaging Physics

Not on offer in 2013
Credit Points: 8
Pre-requisites: 24 cp in 300-level Physics subjects.
Co-requisite: None
Exclusions:
Subject Description: This course leads to an understanding of the instrumentation and techniques involved imaging and its role in medical physics specifically and in physics generally. The photographic process, solid state detectors and CCD's. Characterisation of detectors; signal to noise, sensitivity, calibration, flat fields and reduction techniques. The hardware and software of image processing; film digitisers and plate scanners. An overview of Medical Imaging Techniques; Radiography, Ultrasonics, NMR.

PHYS457 Research Project

Annual Wollongong On Campus
Credit Points: 24
Pre-requisites: 24 cp of third year subjects from the BMedical Physics or BSc (Physics).
Co-requisite: 24 cp of fourth year subjects from the BMedical Physics or BSc (Honours).
Exclusions:
Subject Description: Content: The student will be required to participate in a research program on some topic of physics under the supervision of one of the staff member. The student will have a choice of the following fields: Nuclear Medicine, Medical Imaging, Radiobiology, Radiation Protection, Diagnostic Radiology, Pathology and Imaging Physics, Astronomy, Solid State Physics. All the above research topics may not be available very year.

POL 100 The Art of Politics

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions: POL111
Subject Description: This subject introduces students to the political ideas of Nicolo Machiavelli, institutional features of Australian politics and the role of Australia in the Asia-Pacific region. Machiavelli's 16th century master work' The Prince' is a guidebook to rulers that still has resonance and students are introduced to key concepts and ideas in the book. The remaining two-thirds of this subject covers Australian politics in both a domestic institutional sense and within the framework of Australian relations in the Asia-Pacific, particularly with the U.S.A and China.

POL 121 Global Politics and Power

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions: INTS121
Subject Description: POL121/INTS121 explores the sources of power in the modern 'globalised' world. It examines politics and power within societies and states and then surveys international projections of power through political, economic and military means. It analyses the role of key international organisation and also introduces debates around inequality in the global order. Other issues such as racism, nationalism, human rights and gender politics are considered. Finally, the subject assesses attempts to reform the contemporary global order and also looks at social and other movements that have organised resistance to it.

POL 141 Change and Debate in Contemporary Australian Politics

Not on offer in 2013
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: The subject examines some of the major changes that have occurred in the Australian politics, society, culture and the economy since the election of the Howard government in 1996. This subject will explore these changes through an examination of key debates in Australian public life, and their implications for notions of identity, democracy, citizenship, class and community. Topics covered include the myth of Australia as an egalitarian society, the changing nature of 'left' and 'right', globalisation, reconciliation and Aboriginal sovereignty, refugees and immigration policy, the role of unionism in Australian politics, and the 'war on terrorism'.

POL 160 Power, Work and People

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions: ERLS100 & ERLS160
Subject Description: The study of work and employment abounds with explorations of power and ideology. This subject explores all aspects of work and employment relations drawing on a range of basic political stances (positivism, critical realism, institutionalism/ pluralism) and interpretation of power and power resources available to employees and employers, and their associations. The subject also investigate the role of governments and the State in determining power relations, pay and working conditions at the workplace, as well as considering the impact of markets, culture and the economy on work and employment relations.

POL 210 The European Union: Post-war integration, 1945 to the present

Not on offer in 2013
Credit Points: 8
Pre-requisites: (36cp including 6cp POL) or (36cp including 6cp AUST) or (36cp including 6cp HIST) or (36cp including

FREN 110) or (36cp including ITAL 110) or (36cp including 6cp INTS)
Co-requisite: None
Exclusions: EURO 220, HIST 210
Subject Description: This subject identifies and examines the political, economic and social processes driving European integration from the end of World War Two to the present. It explores the thinking behind and the development of the European Economic Community (EEC) and its subsequent transformation into the European Union (EU), the influence of the US, the pivotal role of France and Germany in European integration, the relationship between nation states and supranational institutions, and the implications for Europe of the Cold War and collapse of the Soviet bloc.

POL 211 Democracy in Theory and Practice
Autumn Wollongong On Campus
Credit Points: 8
Pre-requisites: 36cp including 6cp POL or 36cp including 6cp PHIL or 36cp including 6cp INTS
Co-requisite: None
Exclusions:
Subject Description: The subject analyses and contrasts the development of two western traditions: democracy and republicanism. It examines their origins in Ancient Greece and Rome, the rise of different schools of liberalism, participatory and deliberative democracy, conservatism, pluralism, social democracy and European and Leninist Marxism. Contemporary critiques of Western democratic theory from feminist, neo Marxist, neo liberal, conservative, post modern and technocratic/ industrialist scholars are analysed and their suggested alternatives are examined. The subject examines not only the quality and coherence of the ideas expressed by respective thinkers but their practical implications and feasibility.

POL 213 Key Concepts and Thinkers in Political Theory
Not on offer in 2013
Credit Points: 8
Pre-requisites: (36cp including 6 cp POL) or (36cp including 6 cp PHIL) or (36cp including 6cp INTS)
Co-requisite: None
Exclusions:
Subject Description: This subject examines key theorists and ideologies from the major European and Asiatic traditions of political theory. Students are introduced to the major ideologies by analysing them in their historical context and assessing their contemporary significance for political thought and practice. Ideologies examined may include Republicanism, Conservatism, Islamism, Liberalism, Communism, Anarchism, Marxism, Fascism, Socialism, Feminism and Environmentalism. The role of the state and the individual in political practice will form central themes.

POL 216 Politics in the USA
Not on offer in 2013
Credit Points: 8
Pre-requisites: 36cp including 6cp POL at 100 level or 36cp including 6cp INTS
Co-requisite: None
Exclusions:
Subject Description: This subject examines the American political system. It provides an introduction to the institutional context of American politics, focussing upon the structure and function of government, and also deals in depth with major factors and issues which shape politics today. The roles, in theory and practice, of the Constitution, the President, the Congress, the Supreme Court are examined. Political parties, election processes and campaigns are surveyed and analysed. These institutional aspects of American politics raise crucial questions about democracy and power, questions which the subject deals with at length.

POL 220 An Introduction to Peacekeeping
Spring Wollongong On Campus
Credit Points: 8
Pre-requisites: 36cp at 100 level including at least 6cp of HIST, POL or INTS
Co-requisite: None
Exclusions:
Subject Description: Peacekeeping takes many forms and has a long history. We commence with the idea of collective security that emerged following the First World War and examine the demise of the League of Nations, the Formation of the United Nations and the aims and responsibilities of the UN Security Council. We examine in detail the various UN peace operations organised between 1945 and the mid 1990s, alongside other non-UNmissions that broadly supported the idea of non-aggression and peacekeeping. Case studies are drawn from Europe, the Middle East, South and East Asia, the Pacific and Africa.

POL 222 Australian Public Policy
Not on offer in 2013
Credit Points: 8
Pre-requisites: 36cp including 6cp of POL or AUST101 or ARTS112 or HIST109 or SOC103 or 6cp of 100 L CENV or 36cp including 6cp INTS
Co-requisite: None
Exclusions:
Subject Description: Public policy is the way the government touches the everyday lives of citizens. Policy is shaped by political institutions and arrangements, political ideologies, international factors and political activity ranging from grassroots activists to high-powered interest groups. Economic policies ranging from trade to taxation, social policy, questions of citizenship and belonging, gender and the work/family balance and the environment will provide the focus of an exploration of the interactions of the agents and forces at work in policy making in Australia since the mid 1980s. Students will have an opportunity to research a policy area in depth through work on a group project. Group meetings will be held in class time and a class web site will support out of class communication among students.

POL 224 Politics and the Media
Spring Wollongong On Campus
Credit Points: 8
Pre-requisites: 36cp including 6cp POL or 36cp including 6cp CCS or 36 cp including 6cp MACS or 36 cp including 6cp BCM or 36cp including 6cp INTS
Co-requisite: None
Exclusions: BCM 224
Subject Description: This subject examines the political role and power of the mass media. Particular attention is paid to the manufacture of news, the construction of news frames, the function of agenda-setting, the issue of bias, the use and abuse of media by politicians, the question of ownership and control, the role of advertising. While the major focus is on news reporting and commentary, cultural politics in general (including popular culture) is examined.

POL 225 International Relations: Issues, Concepts and Theories
Autumn Wollongong On Campus
Credit Points: 8
Pre-requisites: 36cp including 6cp POL or 36cp including 6cp INTS
Co-requisite: None
Exclusions: INTS225
Subject Description: This subject provides an introduction to the study of International Relations. The realities, practice and study of international relations change as new challenges to security, state sovereignty and governance arise, and new opportunities for communication, co-operation and exchange. The United Nations' and other international organisations' roles, structures and operations are being tested, sometimes reformed. Concepts and theories used to explain and shape international relations are examined for relevance in a globalising age. Issues addressed include conflict and peace, formal diplomacy and non-state actors, migration, trade, and aid, indebtedness, and other relations between industrialised and developing countries. Realist, idealist, constructivist, feminist, critical and other perspectives are examined for relevant insights.

POL 290 Women in Society: Productive and Reproductive Labour
Not on offer in 2013
Credit Points: 8
Pre-requisites: 36cp
Co-requisite: None
Exclusions: GENE215
Subject Description: The social changes promoted by the Women's Liberation Movement have contributed to new understandings of the position of women in social, political and economic life in Australia over the past 35 years. The subject will focus on topics around the themes of the contemporary women's movement; women and paid work, sexuality, motherhood and issues of inclusion and exclusion. A comparative approach will allow the examination of women's activism in Australia and in selected developing countries. Team work forms the core of student learning in discussion and project groups. Student learning activities are focussed on the development of skills involved in reading and constructing academic arguments and in finding and making sense of information using electronic sources.

POL 301 Politics Internship
Not on offer in 2013
Credit Points: 16
Pre-requisites: At the discretion of the Convenor of the politics program
Co-requisite: None
Exclusions:
Subject Description: This subject will enable students to undertake internships in relevant political institutions both in Australia and overseas. Students undertaking this subject will be attached to a political institution where they will undertake duties as directed by their supervisor in that institution. The subject is worth 16cps because it is the equivalent of two 300 level subjects.

POL 302 Foundations of Australian Political Culture
Not on offer in 2013
Credit Points: 8
Pre-requisites: 16 cp at 200-level POL
Co-requisite: None
Exclusions:
Subject Description: This subject deals with the values, beliefs and principles that constitute Australian political culture. It will do so by considering roots of that political culture in the Federation movement of the 1890s and the policies of the early Commonwealth described as the Australian or Deakinite Settlement. It will examine how both Federation and the Australian Settlement moulded Australian politics and political culture during the twentieth century with particular emphasis placed on developments since 1983.

POL 303 Complex Peace Operations
Autumn Wollongong On Campus
Credit Points: 8
Pre-requisites: 16 cp at 200-level POL, including POL220
Co-requisite: None
Exclusions:
Subject Description: This subject examines modern conflicts and international responses in many parts of the world focusing on why, when, how or sometimes even if, the international community responds. It builds on the knowledge acquired about global politics by the end of second year and addresses issues surrounding the UN system of peacekeeping, as well as unilateral and regional interventions, and the new emphasis on protecting human rights as part of the broader responsbilities of statehood and modern sovereignty.

POL 314 Power and the Modern State
Spring Wollongong On Campus
Credit Points: 8
Pre-requisites: 16cp at 200 level POL
Co-requisite: None
Exclusions:
Subject Description: POL314 charts the rise of the state from its origins to its dominant role in everyday national life. The subject deals with major political state theorists and uses their writings to approach their histories and concepts from an historical/sociological perspective. Adopting a mostly chronological progression we spend about equal time on the pre-19th century and then examine some of the more radical approaches to the state. Writers examined may include, inter alia, Russell, Diamond, Tilly, Machiavelli, Hobbes, Rousseau, Burke, Oakeshott, Marx, Weber, TH Green, Gramsci, Althusser, Foucault, Marshall, Baldelli, Negri and Hardt. The relation of the individual to the state and the balance between liberty and state power (or lack thereof) is a central theme of this subject.

POL 317 Politics in the South Pacific
Spring Wollongong On Campus
Credit Points: 8
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: South Pacific island countries are generally small, scattered over large ocean areas, comprised of diverse political systems, with different forms of government, and in varying relationships with external powers. Natural resource issues are critical to sustainable

development, and sometimes at the centre of violent internal conflict. Regional co-operation, aid and other relationships with Australia and other industrialized countries are important to development strategies. Comparative / theoretical perspectives inform a focus on governance, continuity / stability / pressures for change, development, peace, and international relations.

POL 318 The Politics of Asian Development

Autumn Wollongong On Campus
Credit Points: 8
Pre-requisites: 16cp at 200 level POL
Co-requisite: None
Exclusions:
Subject Description: In this subject we will examine the role national governments have played in the Asian Development Model (including the governments of South Korea, Taiwan, Hong Kong, Singapore, Malaysia, Indonesia, Thailand and Vietnam). These governments provided a mixture of development incentives and controls. They spread investment risk between the private and public sectors of their economies and they fostered cooperation between government and private interests; promoted manufactures for export and the transfer and adoption of technology; and placed a premium on economic efficiency as gauged by 'the market'. Despite the Asian Financial Crisis of 1997, these are 'pin-up' economies. They offer a development model seen by many as a path leading out of a developing nation's poverty.

POL 319 Political Economy in the New Millennium

Spring Wollongong On Campus
Credit Points: 8
Pre-requisites: 16cp at 200 level POL
Co-requisite: None
Exclusions:
Subject Description: The subject covers the development of Political Economic theory from antiquity to the present day. The centrality of political economy to political enquiry is stressed. It discusses major theorists from Plato, Quesnay, Adam Smith, Karl Marx and John Maynard Keynes to contemporary thinkers, debates and issues. It analyses core aspects of their approach to key political questions, such as: the role of the modern state, human nature, social order, civil society, freedom and necessity, production, distribution and justice. It questions the relevance of their thought to a range of contemporary issues in a (post)-modern environment.

POL 320 Twentieth Century Dictatorships

Spring Wollongong On Campus
Credit Points: 8
Pre-requisites: 16cp HIST at 200 level; or 16 cp POL at 200 level
Co-requisite: None
Exclusions: HIST322
Subject Description: This subject examines why it was that the era of mass politics' that emerged in the early twentieth century led to a decline in democracy and to an era of revolution and war. The concepts of dictatorship and democracy will be explored in the light of political theory and historical examples spread across cultures. Case studies will vary from year to year but could include the Nazi and Soviet dictatorships, Fascist Italy, Mao's China, Japanese militarism and Saddam Hussein's Iraq.

POL 323 An Unequal World

Not on offer in 2013
Credit Points: 8
Pre-requisites: 6cp of 100 level POL and 8 cp of 200 level POL; or HIST210 and 6 cps of POL; or ARTS112 and 16 cps at 200 level; or 6cp of CENV and 16cp of 200 level; or 6cp of 100 level INTS and 8cp of 200 level INTS
Co-requisite: None
Exclusions:
Subject Description: In this subject the politics of global inequality is examined. The focus is upon relations between advanced industrial and less developed countries and questions about the inevitability of global inequality are raised. Issues examined include: development, aid and trade, the role of multinational corporations, powerful trading block and organisations like the World Economic Forum, the growth of India and China, conflicts over resources and environmental degradation.

POL 324 Culture and Politics

Not on offer in 2013
Credit Points: 8
Pre-requisites: 16cp at 200 level POL or 16cp at 200 level MACS or 16 cp at 200 level PHIL or 16cp at 200 level CCS
Co-requisite: None
Exclusions:
Subject Description: This subject examines key debates concerning cultural politics in the twentieth century. Particular attention is paid to debates about Marxism and modernism, the political impact of mass culture, feminist cultural politics and the politics of film and music. Key intellectual groupings analysed include the Frankfurt School, the Birmingham Centre for Contemporary Cultural Studies, French cultural feminism, the New York intellectuals, the Situationists. A major focus of the subject is upon the ways in which culture and politics intersect in dynamic and exciting ways.

POL 340 Special Topics in Politics

Autumn Wollongong On Campus
Spring Wollongong On Campus
Credit Points: 8
Pre-requisites: 16 cp at 200 level POL
Co-requisite: None
Exclusions:
Subject Description: This subject is a shelf subject (similar to those offered by Languages, Philosophy and STS) that allows students to undertake supervised study in Politics as part of the major in special circumstances. It has been designed to facilitate special projects or approved cross-institutional study, nationally and internationally, which have a research or theoretical focus.

POL 368 Protest and Power in America : The Sixties

Autumn Wollongong On Campus
Credit Points: 8
Pre-requisites: 16cp at 200 level POL or 16cp at 200 level HIST or 16 cp at 200 level MACS or 16cp at 200 level CCS
Co-requisite: None
Exclusions:
Subject Description: The 1960s was a pivotal decade in contemporary history and this subject examines the political upheavals, social transformations and cultural rebellions of those years in the USA. Analysis will focus upon the civil rights and black power movements, the new left, the student movement, the anti-war movement, the women's and gay

liberation movements and the counter-culture. These movements sponsored significant social changes and raised issues which are still reverberating today.

POL 470 Politics Honours

Autumn Wollongong On Campus
Spring Wollongong On Campus
Credit Points: 12
Pre-requisites: A major sequence in Politics with at least 80% average and two overall Distinctions results in 300 level Politics subjects
Co-requisite: None
Exclusions:
Subject Description: POL470: Politics Honours consists of a two-hour weekly seminar (12 credit points) during Autumn session, which explores discipline-specific issues, through reading, discussion and writing. Two essays are assessed in a combined total of 7,000-8000 words. Where possible student consultation is sought in suggesting readings for the session and in introducing the discussion. NB: Students enrolled in POL470 must also enrol in and attend the Faculty Honours subject, ARTS 470: Research in the Social Sciences and Humanities (12 credit points) in addition to the requirements of POL470. Further, they must submit a research thesis of 15-18,000 words in the subject ARTS480: Thesis. An Honours thesis in the discipline of Politics requires the development, research and writing of a 15,000-18,000 word research thesis under the supervision of an academic at the University of Wollongong, a person normally located within the Politics Program. The thesis is submitted toward the end of the second semester of study.

POL 472 Joint Honours in Politics and Another Discipline

Autumn Wollongong On Campus
Spring Wollongong On Campus
Credit Points: 12
Pre-requisites: A major sequence in Politics with at least 80% average and two overall Distinctions results in 300 level Politics subjects
Co-requisite: None
Exclusions:
Subject Description: POL472: Joint Honours in Politics and Another Discipline consists of a two-hour weekly seminar (12 credit points) during Autumn session, which explores discipline-specific issues, through reading, discussion and writing. Normally two essays are assessed in a combined total of 7,000-8000 words. Exact arrangements are established on a case-by-case basis. NB: Students enrolled in POL472 must also enrol in and attend the Faculty Honours subject, ARTS 470: Research in the Social Sciences and Humanities (12 credit points) in addition to the requirements of POL472. Further, they must submit a research thesis of 15-18,000 words in the subject ARTS480: Thesis. An Honours thesis that involves Politics and another discipline normally requires the development, research and writing of a 15,000-18,000 word research thesis under the supervision of two academics at the University of Wollongong, with one being located within the Politics Program, and the other in the other discipline. The thesis is submitted toward the end of the second semester of study.

PRMM201 Public Relations Concepts

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: This subject provides students with an introduction to the relational and communication concepts that underpin public relations. The aim is to provide students with the concepts to compare, debate, and evaluate different approaches to public relations from a theoretical perspective. Key concepts studied include management and organisation of public relations; social media and associated analytics; audiences, stakeholders and publics; media relations; issues and crisis management; creativity and communication. A social innovation orientation is adopted to emphasize the dynamics of change, power and ethics. Public relations concepts will be applied to relevant contemporary issues and case studies in order to analyse the implications for practice.

PRMM202 Creative Public Relations Strategy

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: PRMM201
Co-requisite: None
Exclusions:
Subject Description: This subject will cover the fundamental concepts of strategy and effective communication with key stakeholders. The course content is organised around key components of PR Strategy with an emphasis on the development of creative strategy and tactics. Students will develop strategic responses, effective communication plans, writing for the media and how to integrate new technologies with a focus on social media and analytics. Tutorials will develop the applied skills needed to produce creative public relations plans, prepare materials for the media and emphasize the ethical dimensions of public relations strategies.

PRMM301 Public Relations Campaigns

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: PRMM202
Co-requisite: None
Exclusions:
Subject Description: This subject focuses on real world practice of public relations campaign development and provides opportunities for students to integrate what they have learned in other public relations subjects. In addition to case study analysis, students will be provided with a brief from an organisation and work in teams to develop a creative campaign to address public relations issues/ opportunities. Key areas covered in the planning process include: campaign research, planning, implementation and evaluation. Key inclusions for campaign plans are: issue and crisis management, sponsorship or CSR/donor programmes, events management, and the role of analytics and social media.

PRMM303 Corporate Identity and Branding

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: At the corporate level within public relations and marketing, managing and communicating

about corporate brands, building corporate identity, and protecting corporate reputation are key issues for entities seeking competitive advantage. This remains the case whether entities are global or local, large or small, commercial or non-profit. It is therefore important to understand these complex and interlinking issues. As fundamental elements of corporate identity and branding programmes, key concepts or topics covered within this subject include: corporate communications, corporate public relations, corporate reputation; organisational identity; ethical corporate identity; corporate social responsibility (CSR); visual identity; relevance and impact of social media and the Internet; development and use of corporate stories. Various techniques and approaches are further introduced for undertaking corporate level public relations campaigns or corporate identity/brand reviews.

PROP201 Introduction to Property

Not on offer in 2013
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: The subject aims to give students a basic understanding of the property market and the role property plays in a modern economy. Topics include: alternative forms of property ownership, the use and interpretation of property valuation reports, the analysis of property investment alternatives, and the functions of property management, development and marketing.

PROP205 Property Management

Not on offer in 2013
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: Property Management provides a detailed insight into all aspects of property management, from residential management to the more specialised industrial, commercial and retail centre management.

PSYC015 Introduction to Psychology

Not on offer in 2013
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: This subject concentrates on the literary skills critical to university success. The subject content is largely focused on developing research skills, analysing and presenting data, and writing university level reports. Students will also engage in an original primary research project which will culminate in a formal oral presentation. This subject gives students the necessary skills needed to engage in independent research and produce quality written and oral academic presentations. The subject is designed to ensure students academic success by helping them to become independent learners. A key element in this endeavour is a willingness on the part of the students to take responsibility for their own learning and to strive consistently to improve their work. Students are expected to keep up to date with news and current affairs by regularly reading reputable English language newspapers and magazines as well as watching news and current affairs programs on television. The subject is designed to: (i) teach and practise the different genres of academic writing; (ii) teach and practise critical evaluation of information; (iii) teach and practise data analysis in written form; (iv) teach and practice report writing; and (v) demonstrate ways of managing study time.

PSYC101 Introduction to Behavioural Science

Autumn Wollongong On Campus
Summer 2013/2014 Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: This subject provides an introductory overview of areas of psychological investigation, introducing students to the study of individuals and human experience. It aims to acquaint non-psychology majors with the discipline, but may also provide additional background to students intending to specialize in psychology. Topics covered include learning, cognition, motivation, emotion, personality and lifespan development. The aim of this course is to introduce the major areas of study in the science of psychology.

PSYC116 Psychology of Physical Activity and Health

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: The objective of PSYC 116 is to examine psychological aspects of physical activity, exercise, and sport. This includes an examination of the psychological determinants of physical activity, as well as key motivation concepts and theories. Strategies and interventions to motivate the general population and specific groups (e.g., individuals with chronic disease) are also discussed. The component on Sports Psychology specifically examines issues surrounding leadership, coaching, and performance in sport.

PSYC121 Foundations of Psychology A

Autumn Shoalhaven Flexible
Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: This subject is a prerequisite for enrolment in second year psychology subjects. With Psyc122 and Psyc123 it comprises an introduction to theories and practical skills in psychology. It introduces students to the science of psychology. The content will focus on the way the individual's biological and psychological systems function. In particular, the subject will examine the historical context of psychology, biological bases of human behaviour, lifespan development, motivation and emotion, personality theory and assessment, individual differences and states of consciousness.

PSYC122 Foundations of Psychology B

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: PSYC123
Exclusions:
Subject Description: This subject is a prerequisite for enrolment in second year psychology subjects. The subject examines the way in which individuals perceive and learn about their world, the ways in which group membership influences behaviour, the nature of psychological dysfunction, and the role of psychology in influencing health. Topics covered include learning, perception, intelligence, memory, cognition, psychology of abnormality, social psychology, and human relations.

PSYC123 Theory Design and Statistics in Psychology

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: This subject is a prerequisite for enrolment into second year psychology subjects. Together with PSYC121 & PSYC122, it provides an introduction to the theories and practical skills characteristic of scientific psychology. The course has two main components: research methods and statistics. The methods component will cover the context of scientific research, the role of theories and hypotheses, varieties of research design, experimental comparisons, correlation and causation, reliability and validity, and ethical issues. The statistical component will provide an introduction to statistical reasoning as well as to elementary statistical procedures including descriptive statistics, the graphical representation of data, sampling and the normal distribution. The use and interpretation of specific statistical tests including the z-test, t-tests, coefficients of correlation and the chi-squared test will be covered.

PSYC231 Personality

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: (PSYC121 and PSYC122 and PSYC123)
Co-requisite: None
Exclusions:
Subject Description: This subject will provide students with an understanding of the past and current theories in personality development, theories and change. For the personality theories relevant current research will be highlighted. Related areas of individual differences will be covered including measurement issues in personality, personality culture, situation, stability and change will also be covered. Additionally the major issues in intelligence and its measurement will be outlined.

PSYC234 Biological Psychology and Learning

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: (PSYC121 and PSYC122 and PSYC123)
Co-requisite: None
Exclusions:
Subject Description: This subject will begin to examine the biological mechanisms underlying behaviour and changes in behaviour brought about by experience, as well as examining the psychophysiological and behavioural measures frequently employed to study these processes. Topics will include genetics, the nervous and endocrine systems, arousal, attention, learning, memory, language, Pavlovian and instrumental conditioning, habituation and orienting reactions. The practical component will include an introduction to the techniques and experimental methods used in the study of learning and psychophysiology, including the recording of the electrocardiograph, skin conductance, and the electroencephalograph.

PSYC236 Cognition and Perception

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: (PSYC121 and PSYC122 and PSYC123)
Co-requisite: None
Exclusions:
Subject Description: This subject provides an overview of two broad content areas in experimental psychology. Perception is the study of how information is acquired from the environment through sensory organs. Cognition is concerned with the storage, manipulation and retrieval of such information. Lectures draw upon findings from both behavioural and neuropsychological studies. Topics covered include visual perception, attention, memory, language. Students learn how to conduct, analyse, and interpret experimental research.

PSYC241 Developmental and Social Psychology

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: (PSYC121 and PSYC122 and PSYC123)
Co-requisite: None
Exclusions:
Subject Description: This subject discusses core issues in child, adolescent and adult development with an emphasis on behaviour in the perceptual, cognitive, and social environment. Half of the subject will provide a developmental framework from the neonatal stage through adulthood. Key theories and empirical aspects in perceptual, cognitive and emotional development will be covered. Ethical issues concerning research involving children will also be addressed. The second half emphasises the contributions of social psychology to understanding individual behaviour in societal context including the workplace. The development of the social self, attitudes, prejudice and the importance of social cognition will be covered. The implications of issues arising from these core topics to indigenous psychology will also be considered.

PSYC246 Special Research Topic

Not on offer in 2013
Credit Points: 6
Pre-requisites: Prior approval by Head of School required.
Co-requisite: Not to be counted with more than one other 200 level psychology subject.
Exclusions:
Subject Description: On successful completion of this subject students will be able to identify the major steps necessary to carry out a research project in Psychology, including problem specification, surveying the existing literature, appropriate data collection and analysis techniques, and report writing. Students will understand the importance of team work and have demonstrated small group presentation techniques.

PSYC249 Applied Psychology

Not on offer in 2013
Credit Points: 6
Pre-requisites: (18 Credit points of 100 Level Psychology, inlcuding PSYC121 and PSYC122 and PSYC123)
Co-requisite: None
Exclusions: PSYC355
Subject Description: The aim of this subject is to introduce students, to an application of psychology. It is an optional subject in the BA and BSc, but is core to the BPsych, BA (Hons.), and BSc (Hons.). The aim of this subject is to demonstrate how main principles of psychology are applied in forensic settings. The seminar program will illustrate

applications of forensic psychology with specific reference to the main lecture topics.

PSYC250 Quantitative Methods in Psychology

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: (PSYC121 and PSYC122 and PSYC123)
Co-requisite: None
Exclusions:
Subject Description: PSYC 250 is compulsory for a psychology major. It is a pre-requisite for PSYC 354: Design and Analysis, which is required for admission to the honours stream. It is one of the required areas of coverage for accreditation of majors and four year degrees by the Australian Psychology Accreditation Council. The emphasis of this subject is to provide students with the skills necessary to understand the application of statistics in psychology. These skills will be developed around an understanding of experimental and quasi-experimental methods. The focus of much of this subject is on an understanding of experimental methods and the choice of appropriate statistical analysis for a given experimental design. Considerable attention is given to explaining the conceptual rationale underlying each analysis covered in the subject, and its application to research in the behavioural sciences. The content of the practical classes entails extensive use of SPSS, a statistical package.

PSYC251 Psychology of Abnormality

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: PSYC121 and PSYC122 and PSYC123
Co-requisite: None
Exclusions: PSYC315
Subject Description: This subject takes a developmental approach to mental health issues. It seeks to examine some of the common factors leading to these issues in both childhood and adulthood. An introductory exploration of the most prevalent issues is undertaken, using a variety of therapeutic models.

PSYC318 Change Throughout the Lifespan

Not on offer in 2013
Credit Points: 8
Pre-requisites: PSYC250 AND PSYC231 And PSYC241 And PSYC234 And PSYC236 (students starting their psychology major in 2007) OR PSYC231 And PSYC241 And PSYC234 And PSYC236 and PSYC247 (students starting their psychology major in 2003-2006) OR 24 credit points of 200 level psychology excluding PSYC216 (students starting their psychology prior to 2003)
Co-requisite: None
Exclusions:
Subject Description: This subject focuses on the kinds of changes that occur to people throughout their life and on ways to facilitate and cope with those processes. Changes in intelligence, personality, and social interactions in adulthood and old age are considered. Theories concerning the nature of life-span change are addressed, along with relevant empirical studies. One approach to understanding and facilitating changes,personal construct psychology, will be considered in detail. Some personal exploration will be undertaken by those enrolled.

PSYC345 Advanced Topics in Cognition

Autumn Wollongong On Campus
Credit Points: 8
Pre-requisites: For students who began their psychology major:- a) from 2007: PSYC231, 241, 234, 236 & 250, PSYC250 & 236 are a specified pre-reqs b) from 2003-2006, PSYC231,241,234,236 & 247, PSYC247 & 236 are a specified pre-reqs. c) before 2003 24 credit points of 200 level psychology excluding PSYC216 & including PSYC232 & 236
Co-requisite: None
Exclusions:
Subject Description: This subject offers more advanced training in experimental psychology, and particularly the method and theories of cognitive psychology. It is one of the subjects that provides a solid grounding in empirical psychology. The subject will extend students' knowledge of cognitive psychology from the framework acquired in PSYC236. It provides a detailed examination of a number of areas which may include short-term-memory, the psychology of reading, face recognition and reasoning. The practical program involves extensive experience of experimentation in cognitive psychology where students will act both as participants and researchers. Some of these experiments will be written up as lab reports or short assignments.

PSYC347 Assessment and Intervention

Autumn Wollongong On Campus
Credit Points: 8
Pre-requisites: PSYC231 AND PSYC234 And PSYC236 And PSYC241 And PSYC250 (students starting their psychology major in 2007) OR PSYC231 And PSYC234 And PSYC236 And PSYC241 and PSYC247 (students starting their psychology major in 2003-2006) OR 24 credit points of 200 level psychology excluding PSYC216 (students starting their psychology prior to 2003)
Co-requisite: None
Exclusions:
Subject Description: This subject provides students with an overview of widely used psychological assessment procedures (including personality and intelligence assessments). Intervention programs and their efficacy will also be discussed, as well as ethical and legislative requirements and consumer and carer participation. Areas of focus will include both clinical and non clinical settings. The subject will also deal with the counselling process by introducing students to basic interviewing skills used in counselling. Seminar and Workshop Sessions will provide students with an opportunity to observe counselling micro-skills and participate in group discussions and seminars.

PSYC348 History and Metatheory of Psychology

Spring Wollongong On Campus
Credit Points: 8
Pre-requisites: PSYC250 AND PSYC231 And PSYC241 And PSYC234 And PSYC236 (students starting their psychology major in 2007) OR PSYC231 And PSYC241 And PSYC234 And PSYC236 and PSYC247 (students starting their psychology major in 2003-2006) OR 24 credit points of 200 level psychology excluding PSYC216 (students starting their psychology prior to 2003)
Co-requisite: None
Exclusions:
Subject Description: This subject introduces (1) the origins and development of major approaches in modern psychology, and (2) important conceptual issues in psychology. It discusses the types of critical analysis needed to evaluate the theories, methods, accounts and practices that we encounter in psychology, and applies these to various psychological problems. Topic include: the place of history and metatheory in the study of psychology; science, mind and knowledge in the classical and medieval world, and in the early scientific era; rationalist and empiricist accounts of mind and knowledge; the legacy of empiricism and reactions to it; the 19th century, evolution, the beginning of empirical and experimental psychology; the development of the orthodox view of science and its influence on psychology; behaviourism; debates on science, its growth and status; contemporary psychologies from constructivism to cognitivism, functionalism and the computational model; realism.

PSYC349 Visual Perception

Spring Wollongong On Campus
Credit Points: 8
Pre-requisites: For students who began their psychology major:- a) from 2007: PSYC231, 241, 234, 236 & 250, PSYC250 & 236 are a specified pre-reqs b) from 2003-2006, PSYC231,241,234,236 & 247, PSYC247 & 236 are a specified pre-reqs. c) before 2003 24 credit points of 200 level psychology excluding PSYC216 & including PSYC232 & 236
Co-requisite: None
Exclusions:
Subject Description: This subject covers the following aspects of visual perception - lightness and colour; motion; shape and object perception; depth and stereopsis; spatial and temporal resolution - and the applications of each, uniting them by focusing on the environmental variables to which the visual system is sensitive, and the neural mechanisms underlying these sensitivities.

PSYC350 Social Behaviour and Individual Differences

Autumn Wollongong On Campus
Credit Points: 8
Pre-requisites: For students who began their psychology major:- a) from 2007: PSYC231, 241, 234, 236 & 250, PSYC241 & 250 are a specified pre-reqs b) from 2003-2006, PSYC231,241,234,236 & 247, PSYC241 & 247are a specified pre-reqs. c) before 2003 24 credit points of 200 level psychology excluding PSYC216 & including PSYC232 & 241
Co-requisite: None
Exclusions:
Subject Description: This subject allows students to study selected topics in social behaviour in more detail. The emphasis is on the extent to which one can explain social behaviours (eg. prejudice, crime, close relationships, particular adolescent behaviours) on the basis of individual differences and personality traits. An integral part of the subject will include the formulation of a research proposal by each student.

PSYC352 Psychophysiology

Spring Wollongong On Campus
Credit Points: 8
Pre-requisites: PSYC231, PSYC241, PSYC234, PSYC236 & PSYC250. PSYC250 & PSYC234 are a specified pre-requisite
Co-requisite: None
Exclusions:
Subject Description: This subject concentrates on psychophysiology as the systematic examination of peripheral and central physiological correlates of perceptual and cognitive functioning. Students will attain a basic level of proficiency in the electrical recording and assessment of a range of autonomic measures (including muscle, respiratory, cardiovascular, and electrodermal activity), as well as the traditional central indicators (EEG and event related potentials). Current research using these techniques will be examined.

PSYC354 Design and Analysis

Spring Wollongong On Campus
Credit Points: 8
Pre-requisites: For students who began their psychology major:- a) from 2007: PSYC231, 241, 234, 236 & 250, PSYC250 is a specified pre-reqs b) from 2003-2006, PSYC231,241,234,236 & 247 & 248, c) before 2003 24 credit points of 200 level psychology excluding PSYC216 & including PSYC232
Co-requisite: None
Exclusions:
Subject Description: PSYC354 develops skills in the design and analysis of research investigations involving statistics. It is a pre-requisite for Honours. Statistical computing is an essential part of the course. This subject covers experimental and observational research designs, analysis of survey data; multivariate analysis of variance and analysis of covariance; regression; factor analysis; multilevel modelling.

PSYC354 Design and Analysis

Spring Wollongong On Campus
Credit Points: 8
Pre-requisites: For students who began their psychology major:- a) from 2007: PSYC231, 241, 234, 236 & 250, PSYC250 is a specified pre-reqs b) from 2003-2006, PSYC231,241,234,236 & 247 & 248, c) before 2003 24 credit points of 200 level psychology excluding PSYC216 & including PSYC232
Co-requisite: None
Exclusions:
Subject Description: PSYC354 develops skills in the design and analysis of research investigations involving statistics. It is a pre-requisite for Honours. Statistical computing is an essential part of the course. This subject covers experimental and observational research designs, analysis of survey data; multivariate analysis of variance and analysis of covariance; regression; factor analysis; multilevel modelling.

PSYC355 Forensic Psychology

Autumn Wollongong On Campus
Credit Points: 8
Pre-requisites: PSYC250 AND PSYC231 And PSYC241 And PSYC234 And PSYC236 And 251 (students starting their psychology major from 2010) OR PSYC250 AND PSYC231 And PSYC241 And PSYC234 And PSYC236 (students starting their psychology major in 2007) OR PSYC231 And PSYC241 And PSYC234 And PSYC236 and PSYC247 (students starting their psychology major in 2003-2006)
Co-requisite: None
Exclusions: PSYC249
Subject Description: The aim of this subject is to introduce students, to an application of psychology. It is an optional subject. The aim of this subject is to demonstrate how main principles of psychology are applied in forensic settings. The seminar program will illustrate applications of forensic psychology with specific reference to the main lecture topics.

PSYC407 Theory and Methods

Autumn Wollongong On Campus
Credit Points: 8
Pre-requisites: Acceptance into Honours
Co-requisite: Acceptance into Honours
Exclusions:
Subject Description: The subject focuses on: (1) The examination of key theoretical and metatheoretical issues in contemporary psychology -- especially as they affect the specialisations and chosen research areas of the students. In this it aims to sharpen critical reasoning and arguing skills. (2) The selection and application of appropriate data analytic techniques in practical research -- also particularly those relevant to the specialisations and chosen research areas of the students. Towards the end of the subject, a number of case studies in data analysis will be presented which are aimed at promoting the integration of old and new techniques for the analysis of data.

PSYC408 Psychological Assessment: Principles and Applications

Autumn Wollongong On Campus
Credit Points: 8
Pre-requisites: Acceptance into Honours
Co-requisite: Acceptance into Honours
Exclusions:
Subject Description: This subject provides students with the fundamentals of psychological assessment, including the appropriate choice and administration of psychometric instruments, as well as behavioural assessment procedures. Issues of case formulation, diagnosis, treatment development, and report writing will also be addressed as part of the overall assessment procedure in psychology. Students will work closely with fellow students in the 5th Year Graduate Diploma in Professional Psychology programme who will act as tutors thus providing guidance and practice in assessment procedures during tutorials. Lectures will be provided in on-line format, and students will be expected to attend a one-hour tutorial each week. Assignments will test knowledge, as well as provide opportunities for self-reflection.

PSYC409 Psychological Intervention: Principles and Applications

Spring Wollongong On Campus
Credit Points: 8
Pre-requisites: Acceptance into Honours
Co-requisite: Acceptance into Honours
Exclusions:
Subject Description: The subject extends students' knowledge of the principles, procedures, applications, and research associated with a range of psychological therapies (including CBT, IPT, ACT, MI) for a wide range of psychological disorders and personal coaching applications. Students are taught intervention strategies for children and adults within the framework of core counselling skills, case management (including file management and report writing) and case formulation through a range of training methods including therapy demonstrations, role-plays, simulated learning, video feedback, and scenario based learning strategies. As with PSYC408, students will work closely with fellow students in the 5th Year Graduate Diploma in Professional Psychology programme who will act as tutors thus providing guidance and practice in intervention procedures. Lectures will be provided in on-line format, and students will be expected to attend a one-hour tutorial each week. Assignments will test knowledge, as well as provide opportunities for self-reflection.

PSYC410 Honours Empirical Thesis

Annual Wollongong On Campus
Credit Points: 24
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: The Empirical Thesis consists of an individually supervised research project presented as a 12,000 word thesis. Research topics are drawn from the range of empirical research interests of the School staff and are in areas such as personality and social psychology, psychometrics, clinical psychology, psychophysiology, learning, cognition, perception, and development. Students are instructed and involved in all aspects of the research process: selection and justification of the topic, reviews of the relevant empirical and theoretical literature, design of the research, applying for ethics approval of the research, collection and analysis of data and interpretation of results.

PSYC412 Honours Data Analysis

Not on offer in 2013
Credit Points: 6
Pre-requisites: See Honours entry requirements
Co-requisite: None
Exclusions:
Subject Description: The emphasis of this subject is on the application of multivariate techniques in data analyses to practical problems, and issues pertaining to selection of an appropriate analysis will be discussed in depth. Case studies in data analysis will be presented aimed at promoting the integration of old and new techniques for the analysis of data.

PSYC413 Honours Theory

Not on offer in 2013
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: The Honours Theory Seminar examines key theoretical and metatheoretical issues in contemporary psychology, especially as they affect the specialisations and chosen subjects of the students. The subject also aims to sharpen critical reasoning and arguing skills.

PSYC414 Honours Theoretical Thesis

Not on offer in 2013
Credit Points: 12
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: An Honours Theoretical Thesis may be undertaken by Honours Students, depending on the availability of suitable topics and supervisors. It consists of an individually tailored course of study assessed by a 7,000 word (maximum) thesis. Theoretical theses topics may be drawn from very general metatheoretical topics like the mind/brain issue, topics in cognitive science, historical topics, through to more specific evaluation of theories, concepts and approaches, reviews and critical studies of research domains, to more 'exotic' topics like psychology and aesthetics, or psychological themes in popular literature.

PSYC478 Child & Adolescent Psychology

Not on offer in 2013
Credit Points: 6
Pre-requisites: Acceptance into the Psyc. Hons. Program or acceptance into the BPsyc (non-Hons.) Program
Co-requisite: None
Exclusions:
Subject Description: This subject focuses on a range of childhood and adolescent concerns or problem behaviours within a broad developmental framework. The subject will provide students with a general introduction to the specific problems and needs of children and parents who present to psychologists in clinical practice. Individual and family based assessment and intervention approaches will be examined for problems such as mental retardation, conduct disorders, attention deficit hyperactive disorders, learning problems, anxiety and depressive disorders, and early onset psychosis.

PSYC479 Major Research Project

Not on offer in 2013
Credit Points: 18
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: Students complete an empirical study on a research topic chosen from given areas of staff expertise. Projects may be conducted in small groups, however, write-ups will be completed and assessed individually. Weekly research seminars consist of discussion of the research process, selecting a topic, and enhancing writing and oral presentation skills. The completed write-up will be a research report of 9,000 words.

PSYC484 Social Psychology and Health

Not on offer in 2013
Credit Points: 6
Pre-requisites: See Honours entry requirements
Co-requisite: None
Exclusions:
Subject Description: This subject addresses key theoretical and empirical issues in the area of Social Psychology and explains their implications for health behaviours. The focus is on the joint effects of internal and external processes in the causation and maintenance of human behaviours. Emphasis is placed on elaborating social psychological models of health behaviours, the roles of attitudes, values and beliefs in shaping different behaviours and the effects of conformity, compliance and life events on behaviour. A range of psychological and health principles will be examined within the context of formulating treatment and evaluation proposals or prevention programs designed to change social behaviours in relation to health issues, such as stress and coping strategies, drug and alcohol abuse, sexual behaviours, exercise and nutrition, and aged care. The applicability of major research findings across cultures will also be addressed.

PSYC485 Principles & Practices of Psychological Assessment

Not on offer in 2013
Credit Points: 6
Pre-requisites: Acceptance into the Psyc. Hons. Program or acceptance into the BPsyc (non-Hons.) Program
Co-requisite: None
Exclusions:
Subject Description: The aim of this subject is to examine the principles underpinning psychological assessment and introduce students to the practices of psychological assessment. The subject is designed to integrate learning in previous years including theories of personality, intelligence combined with statistical theory and then examine how these issues are used in practice. Criteria to understand and evaluate psychological tests will be used as a common theme throughout the subject, including examination of their construct validity. The general ethical issues of psychological assessment will be compared to the specific Australian Psychological Society guidelines for psychological assessment. After examination of the theoretical principles, students will have the opportunity to administer, score and interpret commonly used assessment tools used to assess general intelligence, emotional intelligence, personality and vocational preference and psychological well-being for adults and children.

PSYC488 Contemporary Issues for Professional & Research Psychologists

Not on offer in 2013
Credit Points: 6
Pre-requisites: Acceptance into the Psyc. Hons. Program or acceptance into the BPsyc (non-Hons.) Program
Co-requisite: None
Exclusions:
Subject Description: This subject addresses areas of practice that will most likely be experienced by psychologists in their professional work, using a combination of on-line lectures and workshop involvement. Subject areas will include ethical and legal issues in psychological practice, case conceptualisation, assessment procedures and treatment options, report writing skills, issues of therapeutic alliance, and professional self-care. Interpersonal skills will be addressed within the context of these subject areas.

PSYC489 Advanced Abnormal Psychology

Not on offer in 2013
Credit Points: 6
Pre-requisites: Acceptance into the Psyc. Hons. Program or acceptance into the BPsyc (non-Hons.) Program
Co-requisite: None
Exclusions:
Subject Description: This subject builds upon previous study in core areas of abnormal psychology, with contributions from personality, learning, and developmental psychology to consider the way theories of human behaviour help our understanding of psychopathology. Students will be expected to develop a critical and analytical understanding of the conceptual frameworks and assumptions of a number of major schools of abnormal psychology. The etiology and maintenance of clinical disorders will be examined from a variety of theoretical and research perspectives.

SCIE101 Modern Perspectives in Science

Spring Batemans Bay Flexible
Spring Bega Flexible
Spring Shoalhaven Flexible
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: This subject aims to address some of the major topical issues in modern science and their impact on our society as well as demonstrating the value of a cross-disciplinary approach to problem solving. The content is presented in four modules from Physics, Chemistry, Biology and Earth and Environmental Sciences. The topics are:

Planetology, Smart Chemistry, Genetic Engineering, and How Long? How Hot? Each of the four modules provides examples of areas of science that are currently of widespread interest or importance. The way in which science has been used to solve technological and human problems will be illustrated in each module. The fourth module includes a section on global warming. To demonstrate the need for a collaborative approach when solving major issues, the same problem will be studied from the viewpoint of different disciplines. These modules are examples of current research topics and modules may be interchanged to reflect contemporary topics.

SCIE101 Modern Perspectives in Science

Spring	Batemans Bay	Flexible
Spring	Bega	Flexible
Spring	Shoalhaven	Flexible

Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: This subject aims to address some of the major topical issues in modern science and their impact on our society as well as demonstrating the value of a cross-disciplinary approach to problem solving. The content is presented in four modules from Physics, Chemistry, Biology and Earth and Environmental Sciences. The topics are: Planetology, Smart Chemistry, Genetic Engineering, and How Long? How Hot? Each of the four modules provides examples of areas of science that are currently of widespread interest or importance. The way in which science has been used to solve technological and human problems will be illustrated in each module. The fourth module includes a section on global warming. To demonstrate the need for a collaborative approach when solving major issues, the same problem will be studied from the viewpoint of different disciplines. These modules are examples of current research topics and modules may be interchanged to reflect contemporary topics.

SCIE102 International Perspectives in Science

Autumn	Wollongong	Flexible

Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: This subject is part of the 'Global Science Studies' component of the International Bachelor of Science degree and addresses some of the major topical issues in modern science in the international arena and their impact on our society. It focuses on the importance of a cross-disciplinary approach to problem-solving. The content is presented in modules which provide examples of areas of science that are currently of international interest and importance.

SCIE103 Climate Change

Spring	Wollongong	On Campus

Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: The subject starts with an overview of climate and the processes that drive it. We discuss how past climates are reconstructed, and how projections of future change are developed. How will changes in sea level, temperature and rainfall affect different ecosystems? What are the implications for agriculture, biofuels and food security? What policy frameworks are necessary for mitigation and how viable are alternative energy sources? How can local and regional communities adapt to changes already occurring?

SCIE202 Bioethical Challenges: A Global Perspective

Autumn	Wollongong	Flexible

Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: This subject is part of the 'Global Science Studies' component of the International Bachelor of Science degree and will be run by the University of Colorado (Boulder). The principal methodology of the class will be case-study analyses of some important global topics which have important bioethical dimensions. Topics may include genetically modified foods, modern medical treatments which clash with traditional customs, buying and selling human 'parts', and genetic screening programs.

SCIE292 Science Research Internship

Annual	Wollongong	On Campus
Autumn	Wollongong	On Campus
Spring	Wollongong	On Campus

Credit Points: 6
Pre-requisites: 48 credit points, including 24 credit points of Science Schedule subjects or equivalent with a WAM of 70% or better. Admission is by application to the Faculty, subject to approval by the Dean or Associate Dean and acceptance by an Academic Supervisor.
Co-requisite: None
Exclusions: Not to count with SCIE392
Subject Description: This internship subject will provide students who have an interest in research with the opportunity to learn how research is done by working alongside researchers in an active research group. Emphasis will be on Occupational Health and Safety management and risk assessment, learning practical skills in the selected discipline, working as part of a team, achieving research objectives in laboratory or field work, accurately recording methods and results, and critically evaluating the research methods of others. For further information please visit: http://www.uow.edu.au/science/researchinternships.

SCIE301 Directed Studies in Science

Autumn	Wollongong	On Campus
Spring	Wollongong	On Campus

Credit Points: 8
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: The subject deals with topics in Science that are at the cutting edge of research and are interdisciplinary in nature. These topics are tailored each year to the interests and background of participants in the study group. For example, topics may include nanotechnology, intelligent polymer applications, the ethics of genetic modification of plants and animals, the ethics of human cloning, the causes of modern climate change, or wildfire management in Australia.

SCIE392 Science Research Internship B

Annual	Wollongong	On Campus
Autumn	Wollongong	On Campus
Spring	Wollongong	On Campus

Credit Points: 8
Pre-requisites: 96 credit points, including 24 credit points of 200-level Science Schedule subjects or equivalent with a WAM of 70% or better. Admission is by application to the Faculty, subject to approval by the Dean or Associate Dean and acceptance by an Academic Supervisor.
Co-requisite: None
Exclusions: Not to count with SCIE292
Subject Description: The subject content is the same as SCIE292 but with an increased workload commensurate with 8 cp. The internship will provide students who have an interest in research with the opportunity to learn how research is done, by allowing them to work alongside practicing researchers. Emphasis will be on Occupational Health and Safety management and risk assessment, learning practical skills in the selected discipline, working as part of a team, achieving research objectives in laboratory or field work, accurately recording methods and results, critically evaluating the research methods of others, and reporting those results in an academic manner. For further information please visit: http://www.uow.edu.au/science/researchinternships.

SCIE401 International Bachelor of Science Honours Project

Annual	Wollongong	On Campus

Credit Points: 24
Pre-requisites: Completion of SCIE102 and SCIE202
Co-requisite: None
Exclusions:
Subject Description: Students will carry out a research project within one of the Faculty's three Schools under the supervision of one or more members of staff. The International BSc coordinator will assist students in identifying Honours supervisors and projects will be developed by the students and their supervisors. Students will write a major thesis based on their work that is examined by two independent examiners.

SCIE402 Research Frontiers in Science

Annual	Wollongong	On Campus

Credit Points: 12
Pre-requisites: Completion of SCIE102 and SCIE202
Co-requisite: None
Exclusions:
Subject Description: This subject is part of the 'Global Science Studies' component of the International Bachelor of Science degree and will be run by Dublin City University. It will cover cutting edge topics in Science that are interdisciplinary and international in nature. These topics will be tailored each year to the research interests and backgrounds of the speakers who will deliver seminars to students via videoconference. Reading lists will be distributed to students at the beginning of the year with specific readings that students should review prior to each seminar. One or more videoconferences will be held on each topic and students will be expected to engage with the speaker and with their fellow students about each particular topic. Students will also need to prepare minor reports on each of the topics. Students will also select a topic for which they will prepare a major research paper.

SHS 110 Human Growth Nutrition and Exercise

Autumn	Wollongong	On Campus

Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions: BMS 103
Subject Description: This subject will consider the basic principles of growth, nutrition and exercise. Core macronutrients and components of exercise science will be examined and discussed in relation to health and exercise performance.

SHS 111 Introduction to Anatomy and Physiology I

Autumn	Wollongong	On Campus

Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions: BMS 101 OR EDPS101
Subject Description: Introduction to Anatomy and Physiology I explores basic concepts of both structure and function of the human body developed and delivered as an integrated approach. Students cover basic principles of anatomy and physiology and study in further detail six of the eleven systems of the body (skeletal, muscular, nervous, cardiovascular and respiratory). Teaching and learning will take place in lectures, laboratory and tutorial settings using state of the art resources and online support. Introduction to Anatomy and Physiology I provides an exciting insight into the human body and forms an excellent basis to more advanced topics in anatomy/physiology.

SHS 112 Introduction to Anatomy and Physiology II

Spring	Wollongong	On Campus

Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions: BMS 112
Subject Description: Anatomy and Physiology II explores basic concepts of both structure and function of the human body developed and delivered as an integrated approach. Students study in detail six of the eleven systems of the body gastrointestinal, endocrine, renal/urinary, reproduction, skin, special senses). Teaching and learning will take place in lectures, laboratory and tutorial settings using state of the art resources and online support. Anatomy and Physiology II provides an exciting insight into the human body and forms an excellent basis to more advanced topics in anatomy/physiology.

SHS 130 Public Health - Current Issues and Their Determinants

Autumn	Wollongong	On Campus

Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions: POP 101
Subject Description: This subject will include weekly lectures on major Australian population health issues. In addition an examination of the latest evidence on the determinants of health, their implications for specific population groups (e.g. Indigenous Australians) and the provision of services in rural and urban areas. Discussions of how these health issues can be approached will be discussed. Weekly tutorials, where the links between health, politics, social and other factors will be examined.

SHS 150 Fundamental Concepts in Food and Nutrition

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions: POP 222
Subject Description: This subject incorporates an overview of nutrients important to human health and their metabolism. It introduces students to ideas on the causes, nature and impact of a number of current food and nutrition issues. Examples will be drawn from Australia and overseas. Students will critically discuss the role of influential factors, including: interaction of biological, lifestyle and sociocultural aspects of human behaviour; changes in the nature of the food system; role of government and professional groups; and consumer interests.

SHS 210 Histology

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: BMS101 or BMS112 or SHS 111 or SHS 112
Co-requisite: None
Exclusions: BMS 200 or SHS 210
Subject Description: This subject provides an introduction to the structure and function of mammalian cells, tissues and organs. The practicals and lectures will emphasise functional histology. Students will examine cell ultrastructure, gain an appreciation of histological methods and acquire a detailed understanding of the major tissue types and how these tissues are integrated to produce the functional characteristics of the major organs/systems of the body. These include the cardiovascular, lymphatic, immune, integumentary, respiratory, digestive, urinary, endocrine and reproductive systems.

SHS 211 Control Mechanisms Physiology

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: SHS 111 and SHS 112
Co-requisite: None
Exclusions:
Subject Description: This subject is an extension of first year Physiology and Anatomy and covers material essential to the understanding of physiological regulation. While topics may vary from year to year, these will typically include the fundamentals of neurophysiological and endocrine control, with detailed treatment of cardiovascular, respiratory, metabolic and renal system control. Regulatory abnormalities accompanying certain pathological states are also emphasised.

SHS 212 Introduction to Pathophysiology

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: BMS 202 or SHS 211
Co-requisite: None
Exclusions:
Subject Description: This subject introduces the student to the study of pathophysiology. The course is divided into four parts. Part one covers basic concepts of pathophysiology at the cellular level. Part two covers lipid metabolism and dyslipidaemias. Part three covers cardiovascular system pathophysiology. Part four covers nutrition/digestive system pathophysiology. Topics covered will include altered cellular and tissue biology; fluids, electrolytes, acids and bases, dyslipidaemias and other cardiovascular disease risk factors, cardiovascular systems; nutrition related anaemias and digestive system disorders.

SHS 220 Musculoskeletal Functional Anatomy

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: BMS101 and BMS 211 OR BMS 101 and SHS 222 or SHS 111 and BMS 211 or SHS 111 and SHS 222
Co-requisite: None
Exclusions: BMS 203
Subject Description: This subject investigates the musculoskeletal system from a functional anatomy viewpoint. It focuses on the movement of joints and the action and function of muscles during various types of movements and exercises. It provides the foundation anatomical knowledge to develop skills in movement analysis in order to break down any movement into its components for skill acquisition, as well as exercise prescription to be able to prescribe strengthening and stretches exercises for any muscle. Students are introduced to assessment of the musculoskeletal system in terms of range of motion (goniometry and muscle flexibility) and muscle activity (electromyography and muscle strength).

SHS 221 Exercise Physiology

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: BMS 202 or SHS 211
Co-requisite: None
Exclusions: BMS 242
Subject Description: This subject extends the study of human structure and function into the work and exercise domains. Areas to be studied include energy liberation and metabolism, applied muscle physiology and applied cardiorespiratory physiology.

SHS 222 Foundations of Biomechanics

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: BMS 101 or EDUP131 or SHS 111
Co-requisite: None
Exclusions: BMS 211 or EDUP235
Subject Description: This subject introduces fundamental biomechanical principles to provide a basis for understanding the causes and effects of human motion. The subject is an extension of the basic principles of human structure and function studied in Anatomy and Physiology and will include: (i) an introduction to analysis of movement; (ii) basic biomechanical principles of motion; and (iii) subjective analysis of movement.

SHS 223 Clinical Biomechanics

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: BMS211 or EDUP235 or SHS 222
Co-requisite: None
Exclusions: BMS 341
Subject Description: This subject aims to extend the student's knowledge of human anatomy and biomechanics and to apply this knowledge in learning how to quantitatively assess and interpret human movement. Emphasis within the subject will be directed towards expanding the required knowledge and skills to be able to measure, analyse and interpret data characterising both normal and pathological human motion, in particular human locomotion. Topics will include kinematics, kinetics, neuromuscular activation patterns, energetics and the mechanics of soft tissue.

SHS 230 Contemporary Public Health Issues

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: Any 24 Credit points
Co-requisite: None
Exclusions: POP 201
Subject Description: This subject examines contemporary issues in Public Health, particularly the challenges to health presented by globalisation, climate change, social inequality and other aspects of contemporary society. Key concepts in public health such as the measurement of health, the burden of disease, risk, the meaning and proof of causality will be discussed within the context of the challenges of enhancing the health of populations in contemporary society. The importance of policy in addressing these challenges will be discussed.

SHS 231 Health Promotion

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: 24 credit points at 100 level which must include POP 101/SHS 130 or BMS 103/SHS 110
Co-requisite: None
Exclusions:
Subject Description: Health Promotion is the process of enabling people to take control of and improve their health (WHO,1986). This subject introduces students to the concept of health promotion and how it has been applied in particular settings -health services, worksites, schools and communities. A new public health approach with particular attention paid to health equity is adopted as it recognises that health is determined by a complex interplay of factors. Theoretical perspectives of behaviour change and public policy, as they are applied within the field of health promotion, will also be critically reviewed.

SHS 250 Measurement and Assessment of Diet and Activity

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: BMS103 & BMS 202 OR SHS 110 & SHS 211 OR BMS 103 & SHS 211 OR BMS 202 & SHS 110
Co-requisite: None
Exclusions:
Subject Description: This subject examines the various methods used to measure dietary intake and physical activity in populations and healthy individuals, how to assess these measurements against national and international standards, and how to make recommendations for improvement. Topics covered will include the validity and reliability of different methods, body composition analysis, calorimetry, estimations of energy requirements, the use of food composition databases, nutrition screening tools and the planning and use of national surveys for monitoring and evaluation.

SHS 251 Introduction to Epidemiology

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: STAT131 OR PSYC123 OR COMM121
Co-requisite: STAT251
Exclusions:
Subject Description: The epidemiological approach to the study of disease and illness will be taught. The level of evidence of a number of study types (e.g. cross-sectional, case control, cohort, intervention studies) will be presented in the context of public health problems. Causality and alternate reasons for observed associations (eg. chance, bias, confounding and effect modification) will be discussed. Screening for disease and associated concepts will be discussed. Assessing all these concepts in the evaluation of published studies will be developed. Understanding and calculating measures of disease occurrence and associations with risk factors will be covered and practiced.

SHS 300 Research Topics

Autumn Wollongong On Campus
Spring Wollongong On Campus
Credit Points: 8
Pre-requisites: BIOL214 and BMS 202 OR BIOL214 and SHS 211 (Not relevant to Exercise Science students). Credit average and permission of subject coordinator.
Co-requisite: None
Exclusions: BMS 303
Subject Description: This subject provides an opportunity for students to participate in a research project in one of the discipline areas; Biomedical Science, Exercise Science and Rehabilitation, Nutrition and Dietetics, Publuc Health or Occupational Health and Safety. Students should gain experience in experimental design, data collection, analysis, interpretation and report writing plus oral and poster presentation. The subject is particularly recommended for students intending to undertake further under- or post-graduate research based studies.

SHS 310 Regional Anatomy

Spring Wollongong On Campus
Credit Points: 8
Pre-requisites: BMS101 or EDUP131 or (SHS 111 and SHS 112)
Co-requisite: None
Exclusions:
Subject Description: This course will teach detailed morphology and general pathology of human visceral organs. Clinical symptoms caused by visceral organ diseases will be explained in relation to particular region. It is a very practical course and leans towards advanced anatomy and common visceral organ diseases. The course will provide you with a detailed morphology of the head, neck, thorax, abdomen, and pelvis with particular emphasis upon the viscera. Hence, it is a necessary pre-requisite for students to have the knowledge of system anatomy. You will be led, step by step, to learn the gross morphology of individual regions. The regional anatomy differs from the systemic anatomy because it focuses on the specific region linking to the understanding of the clinical problems. During the lecture you will be told firstly the location of the specific organ and its neighbouring structures, and then their blood supply, venous and lymphatic drainage, and nerve innervation. We then describe relevant visceral organ pathology and to certain extend of histology. Finally, common clinical symptoms to that specific region will be introduced. The knowledge you learn from this course will allow you to explain some common clinical health problems, which you may meet in day-to-day life. During the practical classes we will teach tissue-dissection skills and how to localise the projections of visceral organs.

SHS 311 Fundamentals of Neuroscience

Autumn Wollongong On Campus
Credit Points: 8
Pre-requisites: SHS 111 and SHS 112
Co-requisite: None
Exclusions:
Subject Description: Students should gain familiarity with the physiology and the anatomy of the central nervous system. Labs will consist of a detailed study of the functional

anatomy of the human brain and spinal cord, as well as an introduction to neuroanatomical techniques. In addition to integrating anatomical function, lectures include aspects of neural development, molecular and cellular mechanisms of signal transmission, CNS coordination with autonomic and neuroendocrine systems and the study of the neural bases for selected behaviours and neurological disorders.

SHS 312 Advanced Topics in Pathophysiology

Spring Wollongong On Campus
Credit Points: 8
Pre-requisites: BMS 202 or SHS 211
Co-requisite: None
Exclusions:
Subject Description: This subject introduces students to scientific research within the area of pathophysiology. Topics will vary from year to year depending upon the availability of staff but all will emphasise current literature investigating the physiological mechanisms underlying human disease states. The subject is particularly designed for exceptional students who may be contemplating entering a postgraduate research program at the completion of their degree.

SHS 313 Cardiorespiratory Physiology

Spring Wollongong On Campus
Credit Points: 8
Pre-requisites: BMS 202 or SHS 211
Co-requisite: None
Exclusions: BMS 344
Subject Description: This subject provides information on cardiovascular physiology: including the ionic basis of cardiac electrical activity and contraction, the electrocardiogram, peripheral vascular system, regulation and control of heart and vascular function, and cardiovascular responses to stress within normal and abnormal function. It also covers the pathophysiology and treatment of hypertension, heart failure and cardiac arrhythmia. Respiratory physiology: including structure, ventilation and diffusion, pulmonary blood flow, ventilation-perfusion relationships, gas transport to the periphery, the pulmonary pump, control of ventilation and responses to stress within normal and abnormal function, are also studied.

SHS 320 Motor Control and Dysfunction

Spring Wollongong On Campus
Credit Points: 8
Pre-requisites: BMS 202 or SHS 211
Co-requisite: None
Exclusions: BMS 346
Subject Description: This subject, designed primarily for Exercise Science students, will provide students with an understanding of the neurophysiological basis of the control of both normal and dysfunctional human motion. The neurophysiological and anatomical basis of some of the major disorders of human motion including Parkinson's disease, spinal cord injury, multiple sclerosis, peripheral nerve injury and stroke will be investigated. An in-depth study of the anatomy of the motor control systems will also be investigated.

SHS 321 Advanced Exercise Physiology

Autumn Wollongong On Campus
Credit Points: 8
Pre-requisites: BMS 242 or SHS 221
Co-requisite: None
Exclusions: BMS 342
Subject Description: While contemporary humans are adapted to a more sedentary lifestyle, exercise provides a stimulus that pushes physiological function to extreme levels, providing a unique window through which the impact of stress upon human function may be explored. The knowledge of physiological function during rest and exercise stress, under various environmental conditions, is important as a basis for the optimisation of human existence, and, as such, forms an integral part of a sound physiological curriculum. The theme of this subject is to develop an understanding of physiological function under stress across the age and health spectra in groups that include the elderly, adolescents, workers, athletes and those with underlying pathological states.

SHS 330 Health Promotion Competencies

Spring Wollongong On Campus
Credit Points: 8
Pre-requisites: SHS 231 or POP 202
Co-requisite: None
Exclusions:
Subject Description: This subject will enable students to learn how to effectively design, implement, manage and evaluate health promotion projects and programs using guidelines such as those provided by the Ottawa Charter for Health Promotion (1986) and the Bangkok Charter for Health Promotion in a Globalised World (2005). Other skills considered integral to health promotion practice, such as policy advocacy; partnership building and collaboration; health education; communication and media skills will also be examined. Students will also be provided with opportunities to apply these skills over the course of the semester.

SHS 331 Social Determinants of Indigenous Health

Spring Wollongong On Campus
Credit Points: 8
Pre-requisites: 24 credit points at 200 level
Co-requisite: None
Exclusions: POP 325
Subject Description: This subject focuses on the health status of Indigenous Australians. It examines Indigenous health from a historical perspective, using relevant insights from the experiences of other indigenous populations. Using a social determinants framework, the subject explores the causes of Indigenous health problems, the political and economic context of health, the role of culture, and access to health services. It critiques current strategies to improve Indigenous health.

SHS 332 Epidemiology

Spring Wollongong On Campus
Credit Points: 8
Pre-requisites: STAT251 or STAT252 or STAT131 or PSYC123 or COMM121
Co-requisite: STAT251
Exclusions:
Subject Description: The epidemiological approach to the study of disease and illness will be taught. The level of evidence of a number of study types (e.g. cross-sectional, case control, cohort, intervention studies) will be presented in the context of public health problems. Causality and alternate reasons for observed associations (eg. chance, bias, confounding and effect modification) will be discussed. Screening for disease and associated concepts will be discussed. Assessing all these concepts in the evaluation of published studies will be developed. Understanding and calculating measures of disease occurrence and associations with risk factors will be covered and practiced.

SHS 333 Public Health Project

Spring Wollongong On Campus
Credit Points: 8
Pre-requisites: SHS 334
Co-requisite: SHS 330
Exclusions:
Subject Description: Students will be able to undertake a limited workplace placement or other project, focussing on either the analysis of an existing data set or the analysis of policy documents, or a critical review of the literature addressing a current population health problem or other project. Suitable projects will be nominated each year by academic staff who will act as supervisors. Students will be required to undergo a Criminal Record Check and complete the Prohibited Employment Declaration form. Evidence of vaccination status may be required for students undertaking a placement in a NSW Health Department clinical facility.

SHS 334 Research Skills in Public Health

Autumn Wollongong On Campus
Credit Points: 8
Pre-requisites: STAT251 OR STAT151 OR PSYC123 OR COMM121 OR STAT252
Co-requisite: None
Exclusions:
Subject Description: This subject introduces students to key components of public health research, with an emphasis on developing practical skills which can be applied in public health settings. Topics will include: literature review skills, development of a research proposal, how to apply for funding, eithics considerations (including ethics requirements for indigenous health research), study and survey design, and communication of research to scientific and lay audiences.

SHS 351 Nutrients & Metabolism

Autumn Wollongong On Campus
Credit Points: 8
Pre-requisites: BIOL214 and BMS202 or BIOL214 and SHS 211
Co-requisite: None
Exclusions: GHMA931 or SHS 951
Subject Description: This subject articulates with prior subjects and integrates the nutritional knowledge with the science of biochemistry and physiology. It is a fundamental subject on which further studies in the science of nutrition can be built upon. This subject covers the need for nutrients and how the human body metabolises these nutrients. It begins with basic concepts such as bioavailability of nutrients from food. It then focuses on specific nutrients, namely protein and fat quality, folate and B vitamins, antioxidants and soy phytoestrogens, most of which do not have Nutrient Reference Values (NRVs). The overall aims are 1) to understand the relationships between intake of nutrients and health status; 2) to develop an appreciation for the development of an RDI/AI/NRV for a nutrient and 3) to assess the feasibility of achieving recommendations of intakes of nutrients.

SHS 352 Research in Human Nutrition

Annual Wollongong On Campus
Autumn Wollongong On Campus
Credit Points: 8
Pre-requisites: STAT151 & SHS 150 & SHS 250 OR COMM121 & SHS 150 & SHS 250 OR STAT251 & SHS 150 & SHS 250 OR PSYC123 & SHS150 & SHS 250
Co-requisite: BMS310 or BMS311 or SHS 351 or SHS353
Exclusions: GHMA932 or SHS 952
Subject Description: This subject will introduce students to a range of key areas of research in human nutrition. It includes an overview of nutrition research, the development of literature reviews, research methodology, indicators of health outcomes, epidemiological and ethnographic approaches as they relate to nutrition.

SHS 353 Community and Public Health Nutrition

Autumn Wollongong On Campus
Credit Points: 8
Pre-requisites: PHN 203 or POP 222 or SHS 150
Co-requisite: None
Exclusions:
Subject Description: Key areas of community and public health nutrition, monitoring and surveillance, food policy, program planning and health promotion. Current issues in Public Health Nutrition will be reviewed. Submission of some assignment work via eLearning Space.

SHS 354 Nutrition and Food Innovation I

Spring Wollongong On Campus
Credit Points: 8
Pre-requisites: CHEM215 and BMS103 OR CHEM215 and SHS 110
Co-requisite: None
Exclusions: BMS313 , BMS 314, SFC904, SHS 355
Subject Description: This subject introduces students to the use of technologies that underpin the development of the contemporary Australian food supply to achieve a health outcome. These include, but are not limited to: functional foods and genetic modification and its applications in food production; the impact of these applications such as in feeding programs on livestock and/or plant agricultural practices; issues concerning trends for new food delivery systems, such as home meal solutions or ready to eat meals and related food safety concerns, and the use of risk assessment frameworks in food regulation. The overall impact of the use of biotechnology and new food production technologies based on nutrition principles and research on the food supply system will be reviewed.

SHS 355 Nutrition and Food Innovation II

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: CHEM215 AND BMS103 OR CHEM215 AND SHS110
Co-requisite: None
Exclusions: BMS 313, BMS314, SFC904, SHS 354
Subject Description: This subject introduces students to the use of technologies that underpin the development of the contemporary Australian food supply to achieve a health outcome. These include, but are not limited to, functional foods and genetic modification and its applications in food production, the impact of these applications such as in feeding programs on livestock and/or plant agricultural practices, issues concerning trends for new food delivery systems such as home meal solutions or ready to eat meals and related food safety concerns, and the use of risk assessment frameworks in food regulation. The overall

impact of the use of biotechnology and new food production technologies based on nutrition principles and research on the food supply system will be reviewed.

SHS 400 Honours

Annual Wollongong On Campus
Credit Points: 48
Pre-requisites: Minimum high credit average in the last year of the undergraduate program
Co-requisite: None
Exclusions:
Subject Description: The Honours program is designed to provide students with skills to demonstrate excellence in research with a clear understanding of a research question in relation to current knowledge. The degree program fosters the following abilities and skills: plan, design and perform a research project; collect and analyse data; evaluate data; synthesise results and integrate with relevant ideas and concepts; communicate findings; and put relevant OH&S principles into practice. Entry into the Honours program requires the student to have attained at least a credit average in subjects undertaken during their undergraduate degree. The Schools' Honours Coordinator, the prospective supervisor and the Head of School will determine whether a student's 300-level subjects are appropriate for entry into the Honours program. In addition, admission to the Honours program will be dependent upon the availability of an appropriate supervisor, who must be identified by the applicant before applying for entry. Students considering enrolment into Honours should first contact the Schools' Honours Coordinators.

SHS 401 Joint Honours

Annual Wollongong On Campus
Credit Points: 24
Pre-requisites: Minimum high credit average in the last year of the undergraduate program
Co-requisite: None
Exclusions:
Subject Description: The Honours program is designed to provide students with skills to demonstrate excellence in research with a clear understanding of a research question in relation to current knowledge. The degree program fosters the following abilities and skills: plan, design and perform a research project; collect and analyse data; evaluate data; synthesise results and integrate with relevant ideas and concepts; communicate findings; and put relevant OH&S principles into practice. Entry into the Honours program requires the student to have attained at least a credit average in subjects undertaken during their undergraduate degree. The Schools' Honours Coordinator and the prospective supervisor and the Head of School will determine whether a student's 300-level subjects are appropriate for entry into the Honours program. In addition, admission to the Honours program will be dependent upon the availability of an appropriate supervisor, who must be identified by the applicant before applying for entry. Students considering enrolment into Honours should first contact the Schools' Honours Coordinators.

SOC 103 Introduction to Sociology

Autumn Batemans Bay On Campus
Autumn Bega On Campus
Autumn Shoalhaven On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: This course provides an engaging and accessible introduction to Sociology, the study of society. Sociology enriches our understanding of the social world, gives us tools to use in assessing and reflecting on social life, and provides the research skills vital for employment. SOC103 highlights the everyday relevance of Sociology. It invites students to 'see Sociology in the world' - to make meaningful connections between the subject matter of the course and students' own social worlds. The course introduces Sociology's examination of the connections between individual behaviour and wider social forces, using case studies of families and gender, sexualities, class inequalities, and deviance and crime.

SOC 104 Investigating Society

Spring Batemans Bay On Campus
Spring Bega On Campus
Spring Shoalhaven On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions: (CCS109)
Subject Description: The main job of the sociologist is to explain how society works, to identify new trends and to diagnose and offer solutions to social problems. Sociologists describe and explain people's behaviour and generate rich understandings of our society. In order to do this, sociologists need access to information. How is this information generated and how do we assess its accuracy and usefulness? In this subject we look at how sociologists go about gathering and producing relevant and accurate information about people and society. We ask what kinds of research methods are appropriate for studying different social issues such as criminal gangs, suicide, marriage and divorce rates, and teenage sexuality and we consider how different research methods can produce different kinds of results. We look at primary methods (things that sociologists do themselves to generate data) as well as the use of secondary data (information obtained from pre-existing sources) and consider how the research approach may introduce bias or otherwise change the object under investigation. This subject is an ideal complement to SOC103. It explores how to gather information about and develop systematic understandings of social life.

SOC 203 Introduction to Social Theory

Autumn Batemans Bay On Campus
Autumn Bega On Campus
Autumn Shoalhaven On Campus
Credit Points: 8
Pre-requisites: 36cp at 100 level
Co-requisite: None
Exclusions:
Subject Description: The revised subject locates social theory and theorising into the broader concerns of sociological research. This done by spending three weeks on how we think through theory. The remaining weeks cover specific topics based on primary sources and an analysis of an aspect of the social. Throughout the subject there will be workshops for students to devise their research question and approach.

SOC 205 Childhoods, Families and Relationships

Not on offer in 2013
Credit Points: 8
Pre-requisites: 36cp at 100 level
Co-requisite: None
Exclusions:
Subject Description: The family occupies a contradictory place in contemporary social thought, on one hand seen as natural part of social life and on the other in crisis. This subject explores the diverse sociological approaches to the family through a comparative analysis of childhood and family life in Australia and selected examples from the Asia-Pacific region. It places these theoretical perspectives in the context of the changes in family form and the life cycle from early modern times to the present.

SOC 206 Youth Cultures

Spring Wollongong On Campus
Credit Points: 8
Pre-requisites: 36cp at 100 level
Co-requisite: None
Exclusions: SOC204
Subject Description: This subject addresses contemporary and historical youth cultures and subcultures, and the sociological perspectives which have been used to describe them and account for their emergence and significance. It explores the positioning of youth as a 'problem' category, and considers how youth creatively orient to this positioning. The political and social significance of youth-cultural practices is assessed with reference to research on a varying range of case studies (e.g. hip-hop, surfing, raving, punk etc.), and the relationship between youth as social agents and 'macro' structures such as the state and the market is also examined.

SOC 209 New Social Movements

Autumn Wollongong On Campus
Credit Points: 8
Pre-requisites: 36cp at 100 level
Co-requisite: None
Exclusions:
Subject Description: New Social Movements (NSMs) pose a direct challenge to the traditional ways of understanding the organisation and operation of power and resistance; culture and subculture. Today the traditional forms of resistance organised around class (unions) and gender (feminism) no longer mark out the frontier of social antagonism. Instead social antagonism is organised around new identity based ideas and voices such as, green, queer, anti-globalisation, pro-life, pro-death, peace, women, fathers/men, land rights, anti-nuclear, free software etc. This subject explores many of these identities and voices as well as, introducing students to the definitional and theoretical basis that enables a better understanding of the changing nature of power and resistance in contemporary society.

SOC 210 Genders and Sexualities

Autumn Wollongong On Campus
Credit Points: 8
Pre-requisites: 36cp at 100 level
Co-requisite: None
Exclusions: SOC330
Subject Description: Are there only two genders? Does femininity belong to women? Is it natural for men to be violent? Why are less than 10 percent of Australia's senior executives female? Why are nearly 80 percent of suicides in Australia male? Why are some people's sexual choices institutionalised and others criminalised? This subject explores these and other practical gender and sexuality related issues. It begins by presenting key explanatory approaches to gender and sexuality, which include socio-biology, functionalism, feminism and poststructuralist/queer theories. Using this theoretical knowledge, patterns of gender practice and sexual identity within and across institutions such as the family, education, work, media, law, and medicine are investigated. Different configurations of gender and sexuality across the world's societies are also considered so as to provide a contrast to contemporary western interpretations. The subject aims to challenge received opinion about gender and sexual identity and practice so as to uncover possibilities for greater social justice and mutual respect.

SOC 222 Crime, Criminality and Criminalisation

Not on offer in 2013
Credit Points: 8
Pre-requisites: 36cp at 100 level
Co-requisite: None
Exclusions:
Subject Description: The course is a critical and contextual look at aspects of the criminal justice system in, primarily, New South Wales. Areas covered include: policing, the court system, the representation of crime, public space, juveniles and justice, the criminalisation of social disadvantage and white-collar crime. These areas are addressed through an interdisciplinary framework that draws on ideas from sociology, criminology, social theory and cultural studies. Students are encouraged to consider how we are constituted in relation to the criminal justice system; rather than looking at the system from an imagined position outside its intricate and complex practices, institutions and representations.

SOC 222 Crime, Criminality and Criminalisation

Not on offer in 2013
Credit Points: 8
Pre-requisites: 36cp at 100 level
Co-requisite: None
Exclusions:
Subject Description: The course is a critical and contextual look at aspects of the criminal justice system in, primarily, New South Wales. Areas covered include: policing, the court system, the representation of crime, public space, juveniles and justice, the criminalisation of social disadvantage and white-collar crime. These areas are addressed through an interdisciplinary framework that draws on ideas from sociology, criminology, social theory and cultural studies. Students are encouraged to consider how we are constituted in relation to the criminal justice system; rather than looking at the system from an imagined position outside its intricate and complex practices, institutions and representations.

SOC 224 Violence, Fear and Civilisation: the Evolution of States

Autumn Wollongong On Campus
Credit Points: 8
Pre-requisites: 36cp at 100 level
Co-requisite: None
Exclusions:
Subject Description: This is a comparative-historical overview of what happens to fear and violence in human

life with increasing social-structural complexity and state development. With the growth and differentiation of populations, changing patterns in the use and threat of force have been noted and correlated with other aspects of customary personal life and behaviour, knowledge and social institutions. Such concepts as civilizing and decivilizing processes seek to characterize these variations. How are we the same as and different from other peoples, or our own ancestors, when it comes to the disciplining of our nastier urges? Implications for current policy debates will be considered. Topics for papers or discussion might include: origin of the state, sources of civil conflict, welfare and warfare states, as well as medieval manners, Dahomean warrior women, the Knights Templar, and whether we will ever know what the Yanomamö are really like.

SOC 231 Social Research Methods

Spring Batemans Bay On Campus
Spring Bega On Campus
Spring Shoalhaven On Campus
Credit Points: 8
Pre-requisites: 36cp at 100 level
Co-requisite: None
Exclusions: Not to count with SOC296
Subject Description: Sociologists need good information to better understand society. Empirical data can inform policy- making, test sociological theories, and illuminate any number of misunderstood social phenomena. This course will provide the basic tools for conducting practical social analysis. Students will discover how to establish research questions, select appropriate methods of analysis, and the importance of ethics and obtaining informed consent. They will learn key skills in quantitative research, including sampling and survey design, analysing descriptive statistics, undertaking significance tests and interpreting more complicated, multivariate statistical data. They will also learn key qualitative skills such as how to undertake interviews and focus groups, the issues involved in ethnography, textual and discourse analysis, and how to combine these approaches when conducting mixed methods policy evaluations. This is a skills-based course which includes analysing survey data using the SPSS computer package, constructing and interpreting tables, conducting interviews and/or focus groups, and writing research reports. This subject is core to the Sociology Major and Minor, and an ideal complement to SOC104.

SOC 243 Comparative Sociology

Not on offer in 2013
Credit Points: 8
Pre-requisites: 36cp at 100 level
Co-requisite: None
Exclusions: Not to count with HIST287
Subject Description: This subject examines the intersections of culture, society and economy in an increasingly globalizing and interconnected world. It highlights the significance of comparative approaches in sociology, in terms of both insights provided by regional comparisons and contrasting theoretical perspectives. Drawing upon a range of possible regions and case studies from contemporary societies, this subject will investigate and unpack some of the taken-for-granted assumptions about the complex processes of 'modernisation' and social change.

SOC 244 Punishment: Purpose, Practice, Policy

Spring Wollongong On Campus
Credit Points: 8
Pre-requisites: 36cp at 100 level
Co-requisite: None
Exclusions:
Subject Description: Why do we punish those who break the law; what benefit is gained, and for whom, from imprisonment and other forms of criminal justice sanctions? Are jails for retribution, rehabilitation, deterrence, revenge, a symbol of control or order, a way to make us feel superior? Once some the reasons or justifications for punishment are addressed we look at some of the multiple ways to punish offenders and some policy options that can, or cannot make a difference. The course is an investigation into the more general issue of what we as a society get out of punishment and what it costs each of us, ie the differential impact of punishment on various sections of society.

SOC 244 Punishment: Purpose, Practice, Policy

Spring Wollongong On Campus
Credit Points: 8
Pre-requisites: 36cp at 100 level
Co-requisite: None
Exclusions:
Subject Description: Why do we punish those who break the law; what benefit is gained, and for whom, from imprisonment and other forms of criminal justice sanctions? Are jails for retribution, rehabilitation, deterrence, revenge, a symbol of control or order, a way to make us feel superior? Once some the reasons or justifications for punishment are addressed we look at some of the multiple ways to punish offenders and some policy options that can, or cannot make a difference. The course is an investigation into the more general issue of what we as a society get out of punishment and what it costs each of us, ie the differential impact of punishment on various sections of society.

SOC 250 Everyday Interaction

Not on offer in 2013
Credit Points: 8
Pre-requisites: 36 cp at 100 level
Co-requisite: None
Exclusions:
Subject Description: Do conversations follow unwritten 'rules'? How do we identify a joke, or an insult? What is rudeness? What resources do we draw on in producing 'normality' in mundane situations? This subject addresses everyday interaction: how we produce meaning on a day-to-day level in small-scale social settings. It introduces a range of sociological approaches to interpersonal interaction and the reproduction of the micro social order, and considers interaction in a variety of settings: face-to-face, online, and through other media.

SOC 302 Contemporary Social and Political Thought

Spring Wollongong On Campus
Credit Points: 8
Pre-requisites: 16 cp at 200-level
Co-requisite: None
Exclusions:
Subject Description: SOC302 Contemporary Social and Political Thought is a key area within the Theory, Method and Policy Theme within the Sociology Major. It presents a journey through the key theories of the twentieth century beginning with the transition from classical Marxism to its

crisis, hegemony and overdetermination, psychoanalysis, poststructuralist approaches to discourse and deconstruction and culminating in a substantial examination of postmarxism in which the focus will be on developing the idea of the 'impossibility of society'.

SOC 305 Race and Ethnicity

Not on offer in 2013
Credit Points: 8
Pre-requisites: 16 cp at 200 level
Co-requisite: None
Exclusions:
Subject Description: This subject introduces students to theories of race, racism, ethnicity and migration. These will be linked to other dimensions of social structure and action, in particular class and gender relations. Global political economy, international migration and the process of ethnic group formation will be examined as the basis for many current situations of ethnic diversity. For Australia, we will look at the situation of indigenous people, of refugees and of immigrants, and examine the role of cultural diversity in the development of social relations and national identity. We will also examine such issues at the international level. Examples will be drawn both from Australia and other countries. The subject includes consideration of the subjective and structural dimensions of racial oppression and ethnic mobilisation, as well as an analysis of the theoretical and substantive relationships between culture, identity and resistance.

SOC 309 Social Movement and Community Activism

Not on offer in 2013
Credit Points: 8
Pre-requisites: 16cp at 200 level
Co-requisite: None
Exclusions:
Subject Description: Are social movements dead? Alternatively, have they simply re-invented themselves? The subject will examine how young people accomplish and resist social change in our society. A social movement is researched to find out about young peoples' attitudes to movements for social change.

SOC 325 Social Research and Social Policy

Autumn Batemans Bay On Campus
Autumn Bega On Campus
Autumn Shoalhaven On Campus
Credit Points: 8
Pre-requisites: 16 cp at 200 level
Co-requisite: None
Exclusions:
Subject Description: This subject explores the application of social research to practical problems of social policy, in Australia and internationally. Students will acquire useful career skills in research methods, policy analysis and program evaluation, while also gaining an appreciation of the institutional and intellectual context of welfare policy-making in an era of globalization and neo-liberalism. Specific areas to be addressed may include income support, youth welfare, schools and education, domestic violence, family law, health and care services, or other topics according to student interest and staff availability.

SOC 326 Globalisation and Social Transformation

Spring Wollongong On Campus
Credit Points: 8
Pre-requisites: 16 cp at 200 level
Co-requisite: None
Exclusions: ASIA300
Subject Description: This subject explores social and cultural change in the context of globalization. The subject discusses theories of social and cultural change, and draws on a range of case studies to illuminate current social and cultural trends and changes on the context of globalisation. It considers the historical legacies of colonialism and post-WW2 development, and the ways in which historical and contemporary global forces shape societies. Topics addressed may include: social movements; sex and gender; changing patterns of work; transnational and migrant identities; mediated identities; urbanization and the new economy; poverty, development, slums and inequality.

SOC 327 Body & Society

Spring Wollongong On Campus
Credit Points: 8
Pre-requisites: 16 cp at 200-level
Co-requisite: None
Exclusions: SOC 230
Subject Description: This subject takes as its starting point the contingency and instability of the body in modern society and the way in which it is regarded as an ongoing project to be disciplined, shaped, developed and made over in accordance with a range of discourses (fitness, health, beauty, performance, workplace safety). The subject asks why sociologists have become interested in embodiment, why we need a sociology of the body, how forms of embodiment have been transformed with the rise of modernity and the extent to which 'body modification' is an increasingly important aspect of self-identity. It will explore the relationship between race, sex, gender, and the body; the interface between the body, social structure and social interaction (in the media, workplace, on the sports field, in the gym); and the significance of a variety of body modification practices (including dieting, exercise, cosmetic and transgender surgery). Body & Society is a good companion subject for SOC 244 (punishment), SOC 2?? (Gender and Society) and SOC 205 (Sociology of the Family).

SOC 341 Independent Research

Autumn Wollongong On Campus
Spring Wollongong On Campus
Credit Points: 8
Pre-requisites: 16 cp at 200-level
Co-requisite: None
Exclusions:
Subject Description: Topics for this subject may be chosen from any area of Sociology which the Convenor of Program considers to be of suitable substance and level to be offered as a SOC300 subject. This will be a reading course offered under the direct supervision of a member of staff. For details of availability of topics offered, students should consult the Convenor of Program. This subject is available only in special circumstances.

SOC 345 Scenes, Subcultures and Neo-tribes

Not on offer in 2013
Credit Points: 8
Pre-requisites: 36 cp at 100 level
Co-requisite: None
Exclusions:
Subject Description: Scenes, Subcultures and Neo-tribes addresses the structure and form of contemporary social and cultural collective identities in a globalising world, asking how they vary and develop over time, and considering the role played by the media through which they are disseminated. The subject asks: what is the relationship between 'resistance' and 'consumption'? Could leisure practices effect social change, and if so, under what circumstances? Should we think of informal online interaction, or music, or slang as being political as well as having socially integrative and disnitegrative effects?

SOC 350 Men and Masculinities

Spring	Batemans Bay	On Campus
Spring	Bega	On Campus
Spring	Shoalhaven	On Campus

Credit Points: 8
Pre-requisites: 36 credit points at 100 level
Co-requisite: None
Exclusions:
Subject Description: "Men and Masculinities" examines key approaches and developments in the study of men and gender relations. The course is organised into three modules. The first module examines men's positions in gender relations. How have men's lives changed, and what does this mean for gender roles and relations? The second module explores the shifting and contested social organisation of masculinities. How do the meanings of manhood intersect with those of ethnicity, sexuality, and class? What about power and inequality? The third module extends understandings of scholarship on gender using case studies which may include gender policy, men and pornography, sport, and activism

SOC 355 Cultures in Dispossession

Autumn	Batemans Bay	On Campus
Autumn	Bega	On Campus
Autumn	Shoalhaven	On Campus

Credit Points: 8
Pre-requisites: 16 cp at 200-level
Co-requisite: None
Exclusions:
Subject Description: This subject examines the changes that have emerged from the violent conquest of small scale societies. Through the comparative study of various Indigenous peoples and minority populations throughout the world it will explore the processes of dispossession from their ways of life. It will investigate their global dislocation and search for re-settlement. Paying particular attention to revitalised cultural practices, spiritual and religious belief systems the subject will examine their struggle for survival. We will look at the plight of tribal minorities who have been placed outside the mainstream of newly independent nations. One of the key issues that this subject will address is how subordinated groups have mounted challenges to the state. Some topics include indigeneity, race and ethnic relations, colonialism, local knowledge systems, Human Rights, subsistence and survival, shamanism and syncretisms, authenticity, creolisation, commodification and appropriation of Indigenous arts and performance.

SOC 470 Sociology Honours

Autumn	Wollongong	On Campus
Spring	Wollongong	On Campus

Credit Points: 12
Pre-requisites: Major in Sociology with at least 80% average plus two Distinctions at 300 level subjects in Sociology.
Co-requisite: None
Exclusions:
Subject Description: Sociology Honours consists of coursework (SOC470), the combined Faculty subject Research Methodologies (ARTS 470) and a supervised research thesis (ARTS 480). The subject SOC470 is provides high-level intellectual development for students intending to use their research skills for a career in academia, the public service, the non-profit sector or elsewhere. Strong emphasis is placed on the development of the student's capacity for Sociological analysis, the preparation and organization of research materials, as well as contextual analysis of contemporary sociological debates pertaining to student study and research.

SOC 472 Joint Honours in Sociology and Another Discipline

Autumn	Wollongong	On Campus
Spring	Wollongong	On Campus

Credit Points: 12
Pre-requisites: Major in Sociology with at least 80% average plus two Distinctions at 300 level subjects in Sociology.
Co-requisite: None
Exclusions:
Subject Description: Joint Sociology Honours consists of coursework (SOC472), the combined Faculty subject Research Methodologies (ARTS 470) and a supervised research thesis (ARTS 480). The subject SOC472 provides high-level intellectual development for students intending to use their research skills for a career in academia, the public service, the non-profit sector or elsewhere. Strong emphasis is placed on the development of the student's capacity for Sociological analysis, the preparation and organization of research materials, as well as contextual analysis of contemporary sociological debates pertaining to student study and research.

SPAN151 Spanish for Beginners 1

Autumn	Wollongong	On Campus

Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: This multi-media subject for beginners or near beginners in Spanish presupposes no prior study of the language. This subject emphasises oral communication (listening and speaking) and the development of competence in reading and writing through a functional-notional approach. There is a major emphasis on the communicative functions and structural aspects of the language and the development of those skills necessary to achieve a basic understanding of the Spanish language.

SPAN152 Spanish for Beginners 2

Spring	Wollongong	On Campus

Credit Points: 6
Pre-requisites: SPAN151
Co-requisite: None
Exclusions:
Subject Description: The programme begun in SPAN 151 is sustained and developed, advancing students' proficiency in listening, speaking, reading and writing, and emphasising both communicative and structural aspects of the language.

SPAN215 In-country language study

Autumn	Wollongong	On Campus
Spring	Wollongong	On Campus

Credit Points: 8
Pre-requisites: 12 cps Spanish at 100 level or HSC Spanish or equivalent
Co-requisite: None
Exclusions:
Subject Description: This subject provides specified credit at 200-level in an area of Spanish language, literature or civilisation undertaken at a Spanish speaking university and approved in advance by the Convenor of Spanish or representative.

SPAN220 The Hispanic World

Not on offer in 2013
Credit Points: 8
Pre-requisites: None
Co-requisite: None
Exclusions: SPAN110
Subject Description: The Hispanic world is a wide-ranging geographical, cultural and linguistic concept, united by the shared use of the Spanish language as the basis for communication. This subject looks at the geographical, historical, cultural and linguistic forces and social frameworks that contributed to shape modern Spain and Latin America. It includes an examination of the many peoples that have influenced the formation of the culture and history of modern Spain and Latin America, and how each of these groups have contributed to the creation of Hispanic culture in its many and varied forms.

SPAN251 Spanish Intermediate 1

Autumn	Wollongong	On Campus

Credit Points: 8
Pre-requisites: SPAN152 or equivalent. (Students who have not completed SPAN152 but have completed an equivalent subject need the approval of the subject coordinator to enrol)
Co-requisite: None
Exclusions: SPAN205
Subject Description: This subject further develops all the communicative skills in Spanish through the introduction of more complex language structures and active vocabulary development for use in oral communication, reading comprehension, stylistic analysis and written communication and composition.

SPAN252 Spanish Intermediate 2

Spring	Wollongong	On Campus

Credit Points: 8
Pre-requisites: SPAN251 or equivalent. (Students who have not completed SPAN251 but have completed an equivalent subject need the approval of the subject co-ordinator to enrol)
Co-requisite: None
Exclusions: SPAN206
Subject Description: The programme for SPAN 251 is continued and expanded.

SPAN310 Advanced Studies in Spanish

Not on offer in 2013
Credit Points: 8
Pre-requisites: SPAN351
Co-requisite: None
Exclusions:
Subject Description: SPAN310 is an advanced language subject, designed as a capstone subject for the Spanish major. This subject exposes students to texts that reflect their social, linguistic and historical contexts in Span or Latin America. These texts may include film, music and literature. The subject focuses on further developing analytical skills at an advanced level in reading and translation, as well as listening, writing and speaking skills. Students will learn how to write more complex academic Spanish and will closely analyse a variety of genres. In this subject, students will improve their oral skills by presenting and defending different viewpoints about major issues represented in the texts studied.

SPAN351 Advanced Spanish I

Autumn	Wollongong	On Campus

Credit Points: 8
Pre-requisites: SPAN252
Co-requisite: None
Exclusions:
Subject Description: This subject has analytical and functional components. It aims to further develop students' language proficiency in Spanish and extend students' knowledge of contemporary Hispanic literature, culture and society. A study is made of a wide range of styles and registers of written Spanish, including literary, commercial and popular texts. Particular emphasis is placed on the development of spoken and written expression, awareness of current affairs and contemporary cultural phenomena, detailed textual analysis, advanced grammar, translation skills, and reflection on form and register.

SPAN352 Advanced Spanish II

Spring	Wollongong	On Campus

Credit Points: 8
Pre-requisites: SPAN351
Co-requisite: None
Exclusions:
Subject Description: This subject has analytical and functional components. It aims to develop students' language proficiency and extend students' knowledge of contemporary Hispanic literature, culture and society. A study is made of a wide range of styles and registers of written Spanish, including literary, commercial and popular texts. Particular emphasis is placed on the development of spoken and written expression, awareness of current affairs and contemporary cultural phenomena, detailed textual analysis, advanced grammar, translation skills, and reflection on form and register.

SPAN470 Spanish Honours

Autumn Wollongong On Campus
Spring Wollongong On Campus
Credit Points: 12
Pre-requisites: A major in Spanish with at least a 80% average plus 2 distinctions at 300 level subjects in Spanish
Co-requisite: None
Exclusions:
Subject Description: The subject consists of a coursework seminar which reflects the specialist interests and expertise available in the program. This may include studies in, for instance, Spanish-language literature, or Hispanic history, culture, or visual arts. Students will be offered advanced study in these specialist areas, informed by current theoretical and methodological approaches. The seminars on offer may vary from year to year, depending on staffing, and may include areas of study not listed above.

STAT015 Introduction to Statistics

Not on offer in 2013
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions: STAT001
Subject Description: The aim of the subject is to provide students the statistical tools necessary for analysing data for taking business decisions. This subject provides an introduction to the study of statistics. The emphasis is on ideas and reasoning and their relevance to public policy and to the human sciences from medicine to sociology. Students should be able to learn to think about data by working with data.

STAT131 Understanding Variation and Uncertainty

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions: Not to count with COMM121, STAT151, STAT252
Subject Description: Variation and uncertainty occur in most aspects of life. Topics covered include Displaying variation and summarising data; Statistical computing and report writing; Probability Models: Markov Chains, binomial, Poisson; Modelling Uncertainty: Normal and other continuous distributions; Sampling Distributions - Central Limit Theorem; Inference - Point and Interval Estimation, Hypothesis Testing.

STAT231 Probability and Random Variables

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: MATH188 or enrolment in course code 762A.
Co-requisite: None
Exclusions: STAT291
Subject Description: STAT231 applies statistical tools to the modelling and analysis of random experiments. Includes graphical and numerical data presentation; statistical computing; discrete random variables (binomial, geometric, hypergeometric and Poisson) and continuous random variables (uniform, Normal and gamma); expected values; transformations; moment generating functions; multivariate distributions; the Poisson process.

STAT232 Estimation and Hypothesis Testing

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: STAT231
Co-requisite: None
Exclusions:
Subject Description: STAT232 develops techniques of statistical inference and statistical analysis. The inference techniques are sampling distributions (such as chi-squared, t and F distributions), methods and criteria of estimation, and hypothesis testing. The analysis techniques are nonparametric testing (such as the sign, median and Wilcoxon tests), simple linear regression and one and two-way analysis of variance.

STAT235 Statistics Project A

Autumn Wollongong On Campus
Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: 24 credit points at 100 level including MATH110
Co-requisite: None
Exclusions:
Subject Description: The subject is a project individually chosen for the student, at a level appropriate to the 200 classification. The content may consist of (1) a placement in business or industry where substantial use is made of statistical techniques; or (2) a project directed towards independent investigation by the student, written and/or oral presentations, and substantial interaction of the student with the supervisors of the project and other members of staff; or (3) a project directed to mastery of a statistical package or language, with specific use of the package or language in some application or area of statistics; or (4) a project of research collaboration with a member or members of staff, of which written and spoken presentation would be a part. Other projects which are appropriate but not primarily in one of these single categories may occur, such as a project combining features of (1) and (2) above.

STAT251 Fundamentals of Biostatistics

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions: Not to count with STAT131 or STAT151 or STAT252 or COMM121
Subject Description: STAT251 enables students to understand the statistical content of articles in their own discipline. Includes exploratory data analysis; samples and populations; elementary probability; the Normal, binomial and Poisson distributions; estimation and confidence intervals; hypothesis testing for means, proportions and regression analysis; sensitivity and specificity.

STAT252 Statistics For the Natural Sciences

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions: Not to count with STAT131 or STAT151 or STAT231 or STAT232 or PSYC232 or COMM121
Subject Description: STAT252 provides an introduction to statistical techniques. Topics covered are: data presentation; probability, binomial and Poisson distributions; Normal distribution; inference for single samples; comparison of two samples; analysis of variance and multiple comparisons; linear regression and correlation; goodness-of-fit testing and contingency tables.

STAT291 Engineering Statistics

Autumn Wollongong On Campus
Credit Points: 3
Pre-requisites: MATH142 or MATH188 or MATH162
Co-requisite: None
Exclusions: Not to count with STAT231.
Subject Description: (Part of MATH283) In this topic, methods of collecting and summarising data are discussed. Statistical inference methods concerning population means, proportions and variances are given. Linear and multiple regression methods are used to develop mathematical relationships among variables and to predict variables of interest. Some basic advantages of using experimental planning are discussed. Latin square and randomised block experimental designs are discussed. Students will be introduced to a major statistical package.

STAT304 Applied Probability and Financial Risk

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: MATH203 and either STAT131 or STAT231
Co-requisite: None
Exclusions: STAT923
Subject Description: This subject develops the stochastic models required for decision making under uncertainty in finance, economics and actuarial statistics. Stochastic models include processes in both discrete time (random walk, Markov chains) and continuous time (birth and death processes, Gaussian processes). The applications focus on the measurement, management and control of risk and its consequences. Particular topics include gambler's ruin, log-normal price models, Value at Risk (VaR) measures and Markowitz portfolio selection.

STAT332 Linear and Generalised Linear Models

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: STAT232
Co-requisite: None
Exclusions:
Subject Description: This unit considers how to investigate relationships between variables arising from observational studies and designed experiments. Topics include: * Model fitting as an approach to statistical analysis * Exponential family of distributions * Maximum likelihood estimation * Inference methods based on model fitting * Models for multiple linear regression; estimation and analysis; diagnostics and model selection * Generalised linear models for categorical data: logistic regression for nominal and ordinal data, Poisson regression and log-linear models * Additive models

STAT333 Statistical Inference

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: STAT232
Co-requisite: None
Exclusions:
Subject Description: This unit considers how to make inferences about unknown quantities from observed data Topics covered include, * Estimation methods: maximum likelihood and minimum variance unbiased estimation * Hypothesis Testing; likelihood ratio, score and Wald tests, * Evaluating tests * Monte Carlo Simulation methods for inference * Randomisation tests * Monte Carlo Markov Chain * Jackknife methods * Bootstrap methods

STAT335 Sample Surveys and Experimental Design

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: STAT232 or (STAT252 or STAT151 or PSYC232 or COMM121 at Credit level or better), or (STAT131 & STAT231 both at Credit or better)
Co-requisite: None
Exclusions:
Subject Description: STAT335 develops skills in designing and analysing statistical investigations. Statistical computing is an essential part of the course. Topics covered: Experimental designs (completely randomised, randomised complete block, Latin Square, factorial); the analysis of the data arising from these designs; steps in conducting a sample survey; methods such as simple random sampling and stratified sampling, number raised and ratio estimation.

STAT345 Statistics Project B

Autumn Wollongong On Campus
Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: 24 credit points at 200 level
Co-requisite: None
Exclusions:
Subject Description: The subject is a project individually chosen for the student, at a level appropriate to the 300 classification. The content may consist of (1) a placement in business or industry where substantial use is made of statistical techniques; or (2) a project directed towards independent investigation by the student, written and/or oral presentations, and substantial interaction of the student with the supervisors of the project and other members of staff; or (3) a project directed to mastery of a statistical package or language, with specific use of the package or language in some application or area of statistics; or (4) a project of research collaboration with a member or members of staff, of which written and spoken presentation would be a part. Other projects which are appropriate but not primarily in one of these single categories may occur, such as a project combining features of (1) and (2) above.

STAT355 Sample Surveys and Experimental Design (with Project)

Autumn Wollongong On Campus
Credit Points: 8
Pre-requisites: STAT232 or STAT252 at Credit level or better, or STAT151 at Credit level or better, or PSYC232 at Credit level or better, or COMM121 at Credit or better, or (STAT131 & STAT231 both at Credit or better)
Co-requisite: None
Exclusions: STAT335
Subject Description: STAT355 develops skills in designing and analysing statistical investigations. Statistical computing is an essential part of the course. Topics covered: Experimental designs: completely randomised, randomised complete block, Latin Square, factorial; the analysis of the data arising from these designs. Steps in conducting a sample survey; methods such as simple random sampling and stratified sampling, number raised and ratio estimation.

STAT373 Special Topics in Probability and Statistics 3

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: Entry to this subject is at the discretion of the Head of the School of Mathematics and Applied Statistics. This subject may not be offered in any particular year.
Co-requisite: None
Exclusions:
Subject Description: STAT373 will be available at the discretion of the head of the School. Topics will be selected from areas of expertise of visiting staff members, or from other subjects offered by the School of Mathematics and Applied Statistics.

STAT374 Special Topics in Applied Statistics 3

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: Entry to this subject is at the discretion of the Head of the School of Mathematics and Applied Statistics. This subject may not be offered in any particular year.
Co-requisite: None
Exclusions:
Subject Description: STAT374 will be available at the discretion of the head of the School. Topics will be selected from areas of expertise of visiting staff members, or from other subjects offered by the School of Mathematics and Applied Statistics.

STAT402 Statistics 4 (Honours)

Autumn Wollongong On Campus
Spring Wollongong On Campus
Credit Points: 24
Pre-requisites: At discretion of Head of School
Co-requisite: None
Exclusions: STAT401
Subject Description: A student must complete 48 cp to be eligible for the award of Honours. A candidate must select 7 topics (a candidate may select 8 or more topics with approval from the Head of the School) from those on offer at the 400 level in Mathematics and Statistics. The topics are usually sessional, and a candidate will normally take 4 topics in one session, 3 in the other. With the approval of the Head of the School, up to 2 of these topics may be replaced by 300 level Mathematics and Statistics subjects that may be considered appropriate to complement a particular candidate's previous undergraduate studies. A candidate will complete a Project in an area of interest under the close supervision of one or more members of staff of the School.

STAT403 Statistics 4 (Honours) part-time

Autumn Wollongong On Campus
Spring Wollongong On Campus
Credit Points: 12
Pre-requisites: At discretion of Head of School
Co-requisite: None
Exclusions: STAT401
Subject Description: A student must enrol in this subject for 2 consecutive years, completing a total of 48 cp to be eligible for the award of Honours. A candidate must select a total of 7 topics (a candidate may select 8 or more topics with approval from the Head of the School) from those on offer at the 400 level in Mathematics and Statistics. The topics are usually sessional, and a candidate will normally take 2 topics in each of three sessions and 1 in the fourth session. With the approval of the Head of the School, up to 2 of these topics may be replaced by 300 level Mathematics and Statistics subjects that may be considered appropriate to complement a particular candidate's previous undergraduate studies. A candidate will complete a Project in an area of interest under the close supervision of one or more members of staff of the School.

STAT409 Statistics Advanced (Honours)

Autumn Wollongong On Campus
Spring Wollongong On Campus
Credit Points: 24
Pre-requisites: At discretion of Head of School
Co-requisite: None
Exclusions:
Subject Description: A student must complete 48 cp to be eligible for the award of Honours. This subject is made up of a research project (37.5%) and coursework (62.5%). Five coursework topics must be chosen, normally comprising four 400-level subjects from those on offer in the School of Mathematics & Applied Statistics. One 300-level subject may be taken as a 400 level subject however, approval from the Honours Coordinator is needed. The coursework topics chosen will be subject to approval from the Honours Coordinator. A candidate will complete a substantial research project in an area of interest under the close supervision of one or more members of staff of the School.

STAT410 Statistics Advanced (Honours) part-time

Autumn Wollongong On Campus
Spring Wollongong On Campus
Credit Points: 12
Pre-requisites: At discretion of Head of School
Co-requisite: None
Exclusions:
Subject Description: A student must enrol in this subject for 2 consecutive years, completing a total of 48 cp to be eligible for the award of Honours. Honours is made up of a research project (37.5%) and coursework (62.5%). Five coursework topics must be chosen, normally comprising four 400-level subjects from those on offer in the School of Mathematics & Applied Statistics. One 300-level subject may be taken as a 400 level subject however, approval from the Honours Coordinator is needed. The coursework topics chosen will be subject to approval from the Honours Coordinator. A candidate will complete a substantial research project in an area of interest under the close supervision of one or more members of staff of the School.

STAT471 Honours Topics in Statistics A

Autumn Wollongong On Campus
Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: MATH188
Co-requisite: None
Exclusions:
Subject Description: STAT471, STAT472, STAT473 and STAT474 are only offered to BMathFin and BMathEcon candidates. Students will acquire statistical skills which can be used effectively in scientific work. The content is a topic from those offered in a particular year at 400-level within the subject STAT401, and which may vary from year to year.

STAT472 Honours Topics in Statistics B

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: MATH188
Co-requisite: None
Exclusions:
Subject Description: STAT471, STAT472, STAT473 and STAT474 are only offered to BMathFin and BMathEcon candidates. Students will acquire statistical skills which can be used effectively in scientific work. The content is a topic from those offered in a particular year at 400-level within the subject STAT401, and which may vary from year to year.

STAT473 Honours Topics in Statistics C

Autumn Wollongong On Campus
Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: MATH188
Co-requisite: None
Exclusions:
Subject Description: STAT471, STAT472, STAT473 and STAT474 are only offered to BMathFin and BMathEcon candidates. Students will acquire statistical skills which can be used effectively in scientific work. The content is a topic from those offered in a particular year at 400-level within the subject STAT401, and which may vary from year to year.

STAT474 Honours Topics in Statistics D

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: MATH188
Co-requisite: None
Exclusions:
Subject Description: STAT471, STAT472, STAT473 and STAT474 are only offered to BMathFin and BMathEcon candidates. Students will acquire statistical skills which can be used effectively in scientific work. The content is a topic from those offered in a particular year at 400-level within the subject STAT401, and which may vary from year to year.

STS 100 Knowledge, Culture & Social Change: Science, Technology & Society

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions: (STS 103) OR (STS 190) OR (STS 200) OR (STS 203) OR (STS 290)
Subject Description: This subject introduces students to different ways of analyzing the social and historical dimensions of science and technology - their origins, dynamics, impacts and management. After breaking down some common misconceptions about science and technology and their relation to society, it shows how we can conceptualize and investigate in a more fruitful way the formation of scientific knowledge, the development of technological artifacts and systems, and debates and policies concerning scientific and technological issues in the modern world.

STS 112 The Scientific Revolution

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions: (STS 117) OR (STS 192) OR (STS 212) OR (STS 217) OR (STS 292) OR (HIST250)
Subject Description: This subject introduces students to fundamental issues and debates about the birth of modern science through a historical analysis of the Scientific Revolution of c. 1500-1700. Focusing on the contributions made by key figures such as Copernicus, Galileo, Bacon, Descartes and Newton, the course will examine the process by which the contemplative Aristotelian view of nature was replaced by a new approach which emphasized experiment, replication, quantification and 'mechanical' forms of explanation. The way these new ideas were shaped by broader cultural, political and economic factors such as religious beliefs, humanism, warfare, exploration and colonization will also be considered.

STS 209 How Science Works: theories, methods and practices in the sciences

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: STS100 or STS112 or STS115 for STS majors; Any 36 cp for others.
Co-requisite: None
Exclusions: STS219
Subject Description: This subject explores the linkages between the history, philosophy and sociology of science and two of the major schools of thought which seek to address the question of how it is that science as a form of human activity is thought to be able to transcend the social and the political. The specifics of scientific practice that the subject examines include: forms of logical inference and their limitations; different approaches to scientific method; discovery as a social process; scientific paper writing; sociological observations of laboratory practice; and the maintenance and monitoring of disciplinary boundaries by scientific practitioners.

STS 216 Environment in Crisis

Spring Wollongong On Campus
Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions: STS218, STS116
Subject Description: This subject examines the evidence for a global environmental crisis and how critical environmental problems have shaped, and are shaped by, contemporary cultural, political, economic and techno-scientific activities. A variety of academic, activist and policy approaches to these critical problems are examined, with the aim of providing students with a range of conceptual tools for the analysis of complex real world problems. A mixture of global, regional and local case studies is used to illustrate the role of human activities in creating such problems, and how they have been, or might be, resolved. A focus on particular industries is complemented by an examination of the parts played by the media, governments, scientists, commercial interests and the community in shaping environmental outcomes.

STS 218 Environment in Crisis

Spring	Batemans Bay	On Campus
Spring	Bega	On Campus
Spring	Shoalhaven	On Campus

Credit Points: 8
Pre-requisites: Any 36cp
Co-requisite: None
Exclusions: (STS 116) OR (STS 216)
Subject Description: This subject examines the evidence for a global environmental crisis and how critical environmental problems have shaped, and are shaped by, contemporary cultural, political, economic and techno-scientific activities. A variety of academic, activist and policy approaches to these critical problems are examined, with the aim of providing students with a range of conceptual tools for the analysis of complex real world problems. A mixture of global, regional and local case studies is used to illustrate the role of human activities in creating such problems, and how they have been, or might be, resolved. A focus on particular industries is complemented by an examination of the parts played by the media, governments, scientists, commercial interests and the community in shaping environmental outcomes.

STS 219 How Science Works: theories, methods and practices in the sciences

Spring Wollongong On Campus
Credit Points: 8
Pre-requisites: STS100 or STS112 or STS115 for STS majors; Any 36 credit points for others.
Co-requisite: None
Exclusions: STS 209
Subject Description: This subject explores the linkages between the history, philosophy and sociology of science and two of the major schools of thought which seek to address the question of how it is that science as a form of human activity is thought to be able to transcend the social and the political. The specifics of scientific practice that the subject examines include: forms of logical inference and their limitations; different approaches to scientific method; discovery as a social process; scientific paper writing; sociological observations of laboratory practice; and the maintenance and monitoring of disciplinary boundaries by scientific practitioners.

STS 250 Social Aspects of Genetics and Biotechnology

Autumn Wollongong On Campus
Credit Points: 8
Pre-requisites: Any 36 credit points
Co-requisite: None
Exclusions: STS350, STS251
Subject Description: This subject covers a number of empirical areas that come under the broad terms 'biotechnology' and 'molecular genetics', such as stem cell research, cloning or genetically modified crops. Lectures and tutorials will explore particular social and cultural aspects relating to these different areas, including informed consent, governance of research, public understanding of science, risk, and cultural representations of biotechnology.

STS 250 Social Aspects of Genetics and Biotechnology

Autumn Wollongong On Campus
Credit Points: 8
Pre-requisites: Any 36 credit points
Co-requisite: None
Exclusions: STS350, STS251
Subject Description: This subject covers a number of empirical areas that come under the broad terms 'biotechnology' and 'molecular genetics', such as stem cell research, cloning or genetically modified crops. Lectures and tutorials will explore particular social and cultural aspects relating to these different areas, including informed consent, governance of research, public understanding of science, risk, and cultural representations of biotechnology.

STS 251 Social Aspects of Genetics and Biotechnology

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: Any 36 credit points
Co-requisite: None
Exclusions: STS250
Subject Description: This subject covers a number of empirical areas that come under the broad terms 'biotechnology' and 'molecular genetics', such as stem cell research, cloning or genetically modified crops. Lectures and tutorials will explore particular social and cultural aspects relating to these different areas, including informed consent, governance of research, public understanding of science, risk, and cultural representations of biotechnology.

STS 286 Risk, Media and Communication

Autumn Wollongong On Campus
Credit Points: 6
Pre-requisites: Any 36 credit points
Co-requisite: None
Exclusions: STS388, STS288
Subject Description: In this subject, the risks associated with scientific and technological development and their complex relations with the media, politics and 'the public' are explored in detail. Drawing on theories from science communication, sociology, cultural studies of risk and the public understanding of science, a number of important questions are asked: How should we communicate about science and technology, and their associated risks? Is the public ignorant about science? What is the role of the media in science communication? Should the public have a say in the future of science and technology? Answers to these questions are sought through the analysis of the ways television, film, print media, the internet , advertising and public relations influence the public understanding of issues such as climate change, and the hazards (or safety) of the nuclear industry, cell phones, genetically modified organisms, environmental pollution and new biomedical technologies.

STS 288 Risk, Media and Communication

Autumn Wollongong On Campus
Credit Points: 8
Pre-requisites: Any 36 credit points
Co-requisite: None
Exclusions: STS388
Subject Description: In this subject, the risks associated with scientific and technological development and their complex relations with the media, politics and 'the public' are explored in detail. Drawing on theories from science communication, sociology, cultural studies of risk and the public understanding of science, a number of important questions are asked: How should we communicate about science and technology, and their associated risks? Is the public ignorant about science? What is the role of the media in science communication? Should the public have a say in the future of science and technology? Answers to these questions are sought through the analysis of the ways television, film, print media, the internet , advertising and public relations influence the public understanding of issues such as climate change, and the hazards (or safety) of the nuclear industry, cell phones, genetically modified organisms, environmental pollution and new biomedical technologies.

STS 300 The Environmental Context: Imagining a Zero Carbon Future

Autumn	Batemans Bay	On Campus
Autumn	Bega	On Campus
Autumn	Shoalhaven	On Campus

Credit Points: 8
Pre-requisites: Any 36 credit points
Co-requisite: None
Exclusions:
Subject Description: This subject explores the scientific, technical, political, economic and cultural factors shaping current environmental debates as they specifically relate to climate change science and policy, and the peaking of fossil fuel production. It examines the evidence for and against anthropogenic climate change and peak oil, the evidential base for greenhouse gas emission reduction targets, economic instruments for reducing emissions, and the significance of climate change and peak oil for the portfolios of energy, transport, agriculture, manufacturing, and housing and construction. In the process, it explores questions of equity, sustainability, power and justice. Students work individually and in teams to critically analyse the potential of existing government policies and programs to reduce greenhouse gas emissions and fossil fuel dependence by developing portfolio-based zero emission plans for the cities of Sydney, Newcastle and Wollongong.

STS 300 The Environmental Context: Imagining a Zero Carbon Future

Autumn	Batemans Bay	On Campus
Autumn	Bega	On Campus
Autumn	Shoalhaven	On Campus

Credit Points: 8
Pre-requisites: Any 36 credit points
Co-requisite: None
Exclusions:
Subject Description: This subject explores the scientific, technical, political, economic and cultural factors shaping current environmental debates as they specifically relate to climate change science and policy, and the peaking of fossil fuel production. It examines the evidence for and against anthropogenic climate change and peak oil, the evidential base for greenhouse gas emission reduction targets, economic instruments for reducing emissions, and the significance of climate change and peak oil for the portfolios of energy, transport, agriculture, manufacturing, and housing and construction. In the process, it explores questions of equity, sustainability, power and justice. Students work individually and in teams to critically analyse the potential of existing government policies and programs to reduce greenhouse gas emissions and fossil fuel dependence by developing portfolio-based zero emission plans for the cities of Sydney, Newcastle and Wollongong.

STS 309 Future Tense: Politics and Regulations of Technoscience

Spring Wollongong On Campus
Credit Points: 8
Pre-requisites: 36cp
Co-requisite: None
Exclusions:
Subject Description: Using a variety of case studies, this subject investigates the political challenges involved in the promotion and regulation of science and technology. Questions to be addressed include: How much independence should scientists and technologists have in setting the directions for their research? What are the effects of funding on the objectivity of scientists? What is the appropriate role for peer review? How do regulators and courts decide which experts to listen to when experts disagree? What role should the public play in scientific and technical decision making? How do we maintain quality in science? How should public perceptions of risk be weighed against scientific risk assessments?

STS 309 Future Tense: Politics and Regulations of Technoscience

Spring Wollongong On Campus
Credit Points: 8
Pre-requisites: 36cp
Co-requisite: None
Exclusions:
Subject Description: Using a variety of case studies, this subject investigates the political challenges involved in the promotion and regulation of science and technology. Questions to be addressed include: How much independence should scientists and technologists have in setting the directions for their research? What are the effects of funding on the objectivity of scientists? What is the appropriate role for peer review? How do regulators and courts decide which experts to listen to when experts disagree? What role should the public play in scientific and technical decision making? How do we maintain quality in science? How should public perceptions of risk be weighed against scientific risk assessments?

STS 320 New Biosciences & the Body:Contemp Issues in Soc Sciences & Medicine

Spring Wollongong On Campus
Credit Points: 8
Pre-requisites: Any 36 credit points
Co-requisite: None
Exclusions: STS223, STS360
Subject Description: This subject investigates the ways new medical technologies are helping to redefine our understanding of the body, human identity and definitions of life and death. The following case studies may be covered: genetic medicine, stem cell research, nanotechnology, medical experimentation and prosthetics. Concepts drawn from the social and cultural studies of science, technology and medicine will be used to examine how the meaning and implementation of these new technologies are being socially negotiated by scientists, doctors, professional groups, governments, consumers and patients.

STS 399 Research Topics in Science and Technology Studies

Autumn	Wollongong	On Campus
Spring	Wollongong	On Campus

Credit Points: 8
Pre-requisites: 16 credit points at 200 level including 8cp STS and approval of Convenor of Program
Co-requisite: None
Exclusions:
Subject Description: This subject involves self-directed reading and research, supervised by one or more STS staff members, and the production of a major report, on a topic the Program considers suited to the student's background, record and specialisation. Assessment may also involve a seminar presentation and/or other written assignments. Research topics can range broadly across the history and social studies of science and/or technology. Students must seek approval to enrol and negotiate a topic before session starts.

STS 470 Science and Technology Studies Honours

Not on offer in 2013
Credit Points: 12
Pre-requisites: Major in STS with at least 80% average plus two Distinctions at 300 level subjects in STS.
Co-requisite: None
Exclusions:
Subject Description: This course has two components: (i) an advanced review of key theories and methods in STS, assessed by a minor essay; (ii) directed reading in an area relevant to the thesis topic, assessed by the development of an annotated bibliography and a research essay.

STS 472 Joint Honours in Science & Technology Studies and Another Discipline

Not on offer in 2013
Credit Points: 12
Pre-requisites: Major in STS with at least 80% average plus two Distinctions at 300 level subjects in STS.
Co-requisite: None
Exclusions:
Subject Description: This course has two components: (i) an advanced review of key theories and methods in STS, assessed by a minor essay; (ii) directed reading in an area relevant to the thesis topic, assessed by the development of an annotated bibliography and a research essay.

THEA290 Theatre Workshop 2

Summer 2013/2014	Wollongong	On Campus

Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: The workshop aims to explore the theatrical process through the study of published scripts, musical scores or newly written or devised work. Specialised performance techniques may be taught in order to access the appropriate style of text or music. Performances will be produced to low level budgets using students' technical and stage management skills. Productions may be presented in Orientation Week.

THEA390 Theatre Workshop 3

Summer 2013/2014	Wollongong	On Campus

Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: The workshop aims to explore the theatrical process through the study of published scripts, musical scores or newly written or devised work. Specialised performance technique may be taught in order to access the appropriate style of the text or music. Performances will be produced to low level budgets using students' technical and stage management skills. Productions may be presented in Orientation Week.

VISA123 Australian Aboriginal Arts

Autumn	Wollongong	On Campus

Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: This subject provides an approach to discovering the rich diversity of Aboriginal art giving consideration to both traditional and new forms of cultural expression. The subject surveys developments in visual arts as well as performance, music and literature, focusing on contemporary Aboriginal artists and the contexts in which they practice.

VISA124 Introduction to Photography

Autumn	Wollongong	On Campus
Spring	Wollongong	On Campus
Summer 2013/2014	Wollongong	On Campus

Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: This is an introduction to digital photography and Photoshop. Students learn digital camera skills, digital manipulation and printing to make photographic art works. Lectures, demonstrations, and exercises are organised to develop image-making techniques and critical skills to create self-directed art projects using photography. Topics covered include: camera skills: exposure control, lighting, composition, Photoshop and an overview of contemporary art photography. Students are expected to maintain a visual diary of their art processes. Students will learn to use a digital SLR, but may use any digital camera for major assignments.

VISA190 Visual Arts Workshop A

Autumn	Wollongong	On Campus
Spring	Wollongong	On Campus
Summer 2013/2014	Wollongong	On Campus

Credit Points: 6
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: This subject introduces students to the Visual Arts through Intensive workshops which will be offered by professional artists and craftspeople. The workshops offered will depend on the tutors' expertise and availability, but will aim to develop the technical skills and creative potential of each student.

VISA290 Visual Arts Workshop B

Autumn	Wollongong	On Campus
Spring	Wollongong	On Campus
Summer 2013/2014	Wollongong	On Campus

Credit Points: 6
Pre-requisites: VISA190 or 36cp of 100 Level Bachelor of Creative Arts, Bachelor of Digital Media or Bachelor of Performance subjects.
Co-requisite: None
Exclusions:
Subject Description: Intensive workshops in the visual arts will be offered by professional artists and craftspeople. The workshops offered will depend on the tutors' expertise and availability, but will aim to develop the technical skills and creative potential of each student.

VISA390 Visual Arts Workshop C

Autumn	Wollongong	On Campus

Credit Points: 6
Pre-requisites: VISA290 or 12 credit points of 200-level CAVA subjects or a portfolio approved by the Subject Coordinator
Co-requisite: None
Exclusions:
Subject Description: Intensive workshops in the visual arts will be offered by professional artists and craftspeople. The workshops offered will depend on the tutors' expertise and availability, but will aim to develop the technical skills and creative potential of each student.

XINT100 Cross Institutional

Intake C DO NOT USE	Wollongong	On Campus
Winter	Wollongong	On Campus
Intake D DO NOT USE	Wollongong	On Campus

Credit Points: 0
Pre-requisites: None
Co-requisite: None
Exclusions:
Subject Description: