HOW TO ENROL

1. **Degree/Diploma Enrolments**
   Students currently enrolled at the University of Wollongong should complete the *lilac "Variation of Enrolment"* form and submit the form to Student Enquiries Office by 29 October 1993 with an academic adviser's signature.

2. **Non-Award (Miscellaneous) Enrolments**
   A person who is not enrolled at the University of Wollongong and who satisfies normal entry requirements should submit an application form with relevant documentation (refer to page 2) to Student Enquiries Office by 29 October 1993.

3. **Bridging Course Enrolments**
   Applications for Bridging Courses in Biology, Chemistry and Physics close on:

   4 February 1994

   Application forms for Non-Award (Miscellaneous) and Bridging Courses can be obtained by contacting the Student Enquiries Office.
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SUMMER SESSION 1993/94

GENERAL INFORMATION

This booklet provides details of the subjects to be offered by the University of Wollongong for its summer session program in 1993/94. If after reading the booklet you need further information, please do not hesitate to come to the Student Enquiries Office or phone the University on (042) 213927.

The booklet forms a supplement to the University Calendar and further details about the credit subjects should be obtained from the Calendar.

SUMMER SESSION 1993/94 DATES

Credit Subjects

<table>
<thead>
<tr>
<th>Date</th>
<th>Date</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>6/12/93</td>
<td>17/12/93</td>
<td>(2 weeks lectures)</td>
</tr>
<tr>
<td>12/12/93</td>
<td>2/1/94</td>
<td>(2 weeks recess)</td>
</tr>
<tr>
<td>3/1/94</td>
<td>4/2/94</td>
<td>(5 weeks lectures)</td>
</tr>
<tr>
<td>7/2/94</td>
<td>11/2/94</td>
<td>(1 week examinations)</td>
</tr>
</tbody>
</table>

Bridging Subjects

<table>
<thead>
<tr>
<th>Date</th>
<th>Date</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>7/2/94</td>
<td>18/2/94</td>
<td>(2 weeks, Biology and Chemistry)</td>
</tr>
</tbody>
</table>

IMPORTANT DATES

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>10/12/93</td>
<td>Last date for addition of subjects (with Academic Adviser's approval)</td>
</tr>
<tr>
<td>17/12/93</td>
<td>Last date for addition of subjects (with Head of Academic Unit approval)</td>
</tr>
<tr>
<td>20/12/93</td>
<td>Last date for withdrawal of subjects (without HECS penalty)</td>
</tr>
<tr>
<td>7/1/94</td>
<td>Last date for withdrawal of subjects (without academic penalty)</td>
</tr>
</tbody>
</table>

WHAT SUBJECTS ARE AVAILABLE

There will be two types of subjects on offer: credit and non-credit.

Credit subjects will normally be undertaken by students who are already enrolled at the University of Wollongong or at another tertiary institution. On successful completion of these subjects, students will be able to include them in the program for their degrees or diplomas only if the subject is included in the appropriate schedule for the degrees or diplomas - refer University Calendar. These subjects will have normal assessment procedures (ie. essays, seminars, examinations etc.) and results will be declared at the conclusion of these subjects.

If places are available in these subjects, people who are not enrolled at the University or at another tertiary institution may also be able to enrol in them (refer to non-award (miscellaneous) enrolments).

Non-credit subjects include bridging subjects and a general interest subject. There will be no assessment for bridging subjects.

ENROLMENT PROCEDURES AND CHARGES

1. Degree/Diploma Enrolments

Students who are enrolled at the University of Wollongong in 1993 and wish to enrol for credit subjects should complete the lilac "Variation of Enrolment" form and submit the form to Student Enquiries office by Friday, 29 October 1993 with an academic adviser's signature. Late applications will be considered if places are available. Students who were enrolled during 1993 at the University of Wollongong in award courses will incur a HECS liability in accordance with the number of credit points undertaken and the 1994 charges. At the time of printing these charges were under review.
2. **Non-Award (Miscellaneous) Enrolments**

A person wishing to enrol as a non-award student (i.e. enrol in subjects not to be counted towards an undergraduate or postgraduate degree, diploma or associate diploma at this University) may be considered for enrolment provided that the Head of the Academic Unit offering the subject recommends the application and the Dean of the relevant Faculty approves admission. Non-award applicants wishing to enrol in summer session 1993/94 at the University of Wollongong may be:

1. enrolled at another institution (see **Cross-Institutional Enrolment**) and paying HECS; or
2. an international fee paying student (see **Fee Paying International Non-Award Students**) currently enrolled at another institution; or
3. applying to enrol in a summer session subject and not currently enrolled at any institution (see **Non-Award Fees**); or
4. a student currently enrolled at the University of Wollongong or another university wishing to enrol in a subject which cannot be credited towards his/her degree/diploma (see **Non-Award Charges**).

**Eligibility for Enrolment**: To be eligible for enrolment as a non-award student an applicant must meet the University's normal entrance requirements.

**Conditions of Enrolment**: University rules, as stated in the University of Wollongong Calendar, also apply to non-award applicants. Where an applicant is under exclusion from this University or any other university, he/she may not be accepted as a non-award student, unless given approval by the Academic Senate. Acceptance into non-award subjects does not give any guarantee of future admission to an award course at this University.

**Documentation**: The application form requests information about school and post-secondary studies. These sections must be completed carefully and with full details, as eligibility to undertake a non-award subject will be based upon the information provided. A transcript (an original, or a copy certified by a university) of any post-secondary studies undertaken must be attached, except where undertaken at the University of Wollongong. Also, a copy of birth certificate or proof of Australian Citizenship, certified by a university, must be attached. In the case of international students, a certified copy of visa entry permit and front page of passport must be attached.

**Non-Award Fees**: All non-award (miscellaneous) students enrolled in credit subjects for summer session will be required to pay a charge of $23 for Associate Membership of the Union ($17) and the Recreation and Sports Association ($6). This charge will allow students complete access to the Library, the Union's and Recreation and Sports Association's facilities including cafeteria, bistro, bar, squash courts, swimming pool and other facilities. Students who are enrolled at the University of Wollongong in 1993 will be exempted from this charge. All fees are payable at the Cashier's Office in the Administration Building.

In addition to the above, the following non-award charges apply to each subject enrolled in by non-award students:

**Non-Award Fees for Credit Subjects**:

<table>
<thead>
<tr>
<th>Credit Points</th>
<th>Fee</th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
<td>$388</td>
</tr>
<tr>
<td>6</td>
<td>$582</td>
</tr>
<tr>
<td>8</td>
<td>$776</td>
</tr>
<tr>
<td>12</td>
<td>$1164</td>
</tr>
</tbody>
</table>

**Cross-Institutional Enrolment**: Applicants seeking to undertake a non-award subject at this University to count towards a degree program at another university (i.e. cross-institutional enrolment) will be liable under the Higher Education Contribution Scheme (HECS), in lieu of the above non-award charges. To be eligible for this method of payment, a letter must be obtained from the institution in which the applicant is enrolled for the award course, stating that the subject(s) being undertaken as a non-award student will be counted towards the award course at that institution. If this letter is not forwarded to the Student Enquiries Office at this University before 3 December 1993 **NON-AWARD CHARGES WILL APPLY** (see **Non-Award Fees**). Students eligible for cross-institutional enrolment are liable for Associate Membership of the Union and Recreation and Sports Association charges ($23).

**Fee Paying International Non-Award Students**: Applicants for summer session 1993/94 currently enrolled at another university and who are international fee paying students will be charged fees equivalent to the University of Wollongong's 1994 international fees for each subject undertaken.
Application: An application form can be obtained from Student Enquiries Office. You are not required to send any money with this form; you will be advised later of the amount payable for the subject(s) you have selected. Priority will be given to those who have applied by the closing date 29 October 1993. Late applications will be considered if places are available.

3. Bridging Course Enrolments:
An application form can be obtained from the Student Enquiries Office. Applications close on 4 February 1994 for Bridging Courses (Biology and Chemistry). Information on Bridging Courses is on page 6.
Fees:
- Bridging Course in Biology: $75
- Bridging Course in Chemistry: $75
- Physics: The Mathematic Background: $75

4. General Course Enrolments
Students wishing to enrol in Basic Computer Literacy can obtain further information from Ms Carole Evans (042) 213850 or Mr Kevin Knox on (042) 213816.

5. Fee Paying International Students Enrolled at the University of Wollongong
Fee paying international students are required to pay additional fees for subjects undertaken during summer session. The fees will be based on a pro-rata charge for each degree and are payable by Friday 3 December 1993. Further information may be obtained from the International Office.

Procedures on fees refunds for international students: All requests for a refund must be submitted in writing to the International Office and must be accompanied by official documentary evidence of the grounds for the request. Refunds will only be paid to the applicant and will normally be made in the student's home country.

1. Total Refund: A total refund will only be granted if the applicant is unable to obtain a visa from the Australian Diplomatic Post.
2. Partial Refund: A partial refund of tuition fees will be granted under the following circumstances: a. the applicant is granted permanent resident status; b. the student is unable to commence or continue study due to death or illness; c. the Vice-Principal of the University or delegated person, after consideration of the application and documentation determines that exceptional circumstances apply.
3. Refund Amount: a. if a request for a refund is given to the University before the commencement of the summer session and the reason for the refund is one of the listed above, or has been given special consideration, then the student will receive a refund of fees paid for that session, minus a 10% administrative charge; b. if a request for refund is given to the University within the first two weeks after the commencement of summer session (ie. by 20 December 1993) and the reason for the refund is one of those listed above, or has been given special consideration, then the student will receive a refund of fees paid for that session, minus 50% (including a 10% administrative charge); c. if a student withdraws from the course for whatever reason after the second teaching week of the course, the student will not be eligible for a refund of any of the course fee.

ENROLMENT IN PROGRAMS EXCEEDING 14 CREDIT POINTS

Students wishing to enrol in programs with a value exceeding 14 credit points in summer session must obtain prior approval from the Dean or Sub-Dean of the Faculty. Students may apply for approval on the appropriate form which is available from the Student Enquiries Office in the Administration Building.

HIGHER EDUCATION CONTRIBUTION SCHEME (HECS)

Students who were enrolled during 1993 at the University of Wollongong in award courses will incur a HECS liability in accordance with the number of credit points undertaken and 1994 HECS charges. At the time of printing these charges were under review. Students should note that the HECS census date for summer session is Monday 20 December 1993.
Payment of Summer Session HECS

a. Payment Option Form

Students are not to complete another HECS payment option form for summer session unless they wish to change their method of payment (eg. they wish to pay HECS "upfront" for summer session where they previously chose to defer payment of autumn and spring session HECS). The last date to change the method of payment for summer session is Friday, 3 December 1993. However, if a student changes the method of payment for summer session, this method of payment must remain the same for autumn session also. Therefore a student CANNOT change his/her HECS option after the summer session HECS census date until the beginning of spring session of the same academic year.

b. Payment of "Upfront" HECS

Students who have elected to pay HECS "upfront" must pay the Cashier, Administration Building, by Friday 17 December 1993. The current HECS amount will be noted on the Enrolment Record.

c. HECS cannot be refunded if a student withdraws from a subject after 20 December 1993.

ACCOMMODATION

- COLLEGIATE

International House
Hindmarsh Avenue, North Wollongong the closest of the University's collegiate halls to the main campus. The House accommodates 219 residents in single and shared study/bedrooms. Full service including 19 meals per week is available right throughout December, January and February. Rates are: To 31/12/93 - Single $140 pw, Shared $112 pw. From 1/1/94 - Single $145 pw, Shared $115 pw. Enquiries and applications should be directed to Cynthia Halloran, Head, International House, Phone (042) 299711, Fax (042) 264370.

Weerona College
Throsby Drive, a 20 minute walk from campus, accommodates 200 students; 130 in single study/bedrooms, and 70 in shared rooms (2 students to a room). Shared rooms are cheaper than single rooms. Charges will increase to $145 in 1994. Enquiries should be directed to Philip Dutton Phone (042) 284022, Fax (0-12) 296136).

Beaton Park Leisure Centre - a facility of Wollongong City Council - with a heated swimming pool, tennis and squash courts, basketball stadium and sports medical clinic, is located next to Weerona College.

- NON COLLEGIATE

Campus East
Cowper Street, Fairy Meadow, is a 40 minute walk from campus (or a shuttle bus service is available during the day). Campus East accommodates 375 students in single study/bedrooms, and meals are served in the dining hall located on site. Students must provide their own pillow, sheets and blankets. The weekly rates vary from $115 - $145 depending upon level of catering, meals Monday - Friday or full week.

Housing Officer
The University has a Housing Officer who not only places students within the University's accommodation, but assists students wanting to find private accommodation. Diane Armstrong can be contacted by telephoning (042) 213216.

FACILITIES FOR STUDENTS WITH DISABILITIES

The counsellors can provide information on the facilities available at the University for assisting students with disabilities. They can also provide advice on how particular disabilities affect university study.

A range of equipment is available for students with disability including amplification systems for students with hearing impairment and equipment to assist students with visual impairment to make use of audio recordings of textbooks and reference materials. Information on community resources is also available. Other sources available for loan include an electric scooter to aid mobility around the campus, and writing tablet to assist people with RSI to operate the Apple Macintosh computer. A rest room is also available on campus for students with disability.
Arrangements can be made for the provision of notetakers and interpreters for students with disability under certain circumstances.

Students with disabilities are advised to contact the counsellors before they commence university. The Counselling Service is located on the second floor of the Union Arcade - telephone 213445. Physical access is available through a stair inclinator or lift; please phone for advice on how to gain access.

CHILD CARE

Kids' Uni will be available during the summer session. Fees are calculated on a sliding scale based on family income. The Kids' Uni is open from 8.15am to 5.30pm and cares for children in the 0 - 6 year old age group. For further information contact the Director, Mrs Trudy Ruiz, c/- The Union or phone Kids' Uni (042) 213072. Application forms and information sheets can be obtained from the Centre.

EXAMINATION RESULTS

Summer session examination results will be posted to each student's registered mailing address on Friday 18 February 1994. Students should ensure that the University has their correct mailing address before 1 February 1994.

LIBRARY

Library opening hours for summer session will be:

<table>
<thead>
<tr>
<th>Day</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Monday to Friday</td>
<td>8.30am - 6.00pm</td>
</tr>
<tr>
<td>Saturday</td>
<td>closed</td>
</tr>
<tr>
<td>Sunday</td>
<td>1.00pm - 5.00pm</td>
</tr>
</tbody>
</table>

CASHIER’S OFFICE

Cashier’s Office is located in the Administration Building and is open normally 9.30am - 4.30pm Monday to Friday. On 24 December 1993 the Cashier’s Office will close at 12 noon.

PLEASE NOTE

At the time of preparation of this booklet it is the intention of the University that all the subjects listed will be available in the 1993/94 summer session. However, the University reserves the right to withdraw any of the subjects if the number of applicants seeking to undertake particular subjects is not sufficient or for any other reason.
NON-CREDIT SUBJECTS
BRIDGING COURSES

BRIDGING COURSE IN BIOLOGY

For high school leavers and others thinking of taking Biological Sciences at University, this course will cover fundamental aspects of biological science which students wishing to take these studies should know. All potential students who have not taken HSC Biology or who wish to revise or update their basics in biological sciences should attend. The syllabus includes, Chemistry of Living Things; Cell Structure and Organelles; Tissues and Systems; Cellular Reproduction; Systems of Classification; Environment Studies. Appropriate laboratory skills are also taught.

Two weeks beginning Monday 7 February to Friday 18 February 1994, 1.30 - 4.30pm.

For further information, please contact Mr Ian Tait on phone (042) 213436, Bldg 35.G06b.

BRIDGING COURSE IN CHEMISTRY

For high school leavers and others thinking of taking Chemistry at University, this course will cover fundamental aspects of chemistry normally dealt within high school science.

TOPIC 1: Classification of Matter
TOPIC 2: Atomic Theory and Bonding
TOPIC 3: Nomenclature - Naming Chemical Compounds
TOPIC 4: Equations
TOPIC 5: Stoichiometry - Atomic weights and molecular weights
  Atomic weights and molecular weights
  The mole
  Percentage composition by mass
  Empirical formulae, molecular formulae
  Relationship of moles to mass in chemical equations
  Limiting reagent, excess reagent, percentage yield
TOPIC 6: Solution Stoichiometry

EXPERIMENT 1: Solubility
EXPERIMENT 2: Preparation of Solutions

Two weeks beginning Monday 7 February to Friday 18 February 1994, 9.30am - 12.30pm

PHYSICS: THE MATHEMATICAL BACKGROUND

Physics is a science which requires an understanding of both experimental work and theoretical development. This subject is designed to provide students with an understanding of the fundamental concepts of physics and the mathematical tools necessary to appreciate them fully.

The subject will deal with a selection from the following topics:
  Trigonometry; mathematical functions and their application to sound and light waves; vector algebra and its use in describing forces and motion; an introduction to calculus; solutions of equations; observations and uncertainties; the use of computer spreadsheets in physics.

Two weeks beginning Monday 7 February to Friday 18 February 1994, 1.30 - 4.30pm
GENERAL COURSE
BASIC COMPUTER LITERACY

Credit Points: Nil, 6 hours over 2 days
Assessment: Short test.
Textbooks: Basic Computer Literacy Course Notes provided.
Cost: $30 for students; $75 for non-students

NOTE: Students interested in obtaining further information on this course should contact Ms Carole Evans (042) 213850 or Mr Kevin Knox on (042) 213816.

At university, computers are regularly used by students to prepare written work for submission. It is quite likely that this involvement with computers will continue after graduation and through to employment. For many students, the preparation of major works, such as theses, involves a significant amount of time using a word processor on a computer. This time could be spent more effectively if such students had access to a practical rather than a technical course on computers.

The course will cover the basics of using a computer and introduce students to word processing using the software package Microsoft Word. Classes are available on either Macintosh or IBM compatible computers.

This course satisfies the University's undergraduate computer literacy requirements.
UNDERGRADUATE SUBJECTS
FACULTY OF ARTS

CREA104/105  INTERDISCIPLINARY PROJECT - TECHNICAL & DESIGN DRAWING
Credit Points: 6
Lecturer: Mr Samart Sukanit
Assessment: Folio of technical drawing exercises (50%); folio of general design drawing (50%).
Textbooks: References and reading list available at first lecture.
Drafting Equipment: Students will be required to supply the following equipment; T-bar and 2 set squares (30/60 degrees and 45/45 degrees), Scale rule.

Within the context of Interior and Exhibition Design fundamentals, students will be introduced to the basics of technical design drawing, including equipment, orthographic drawing, isometric/oblique drawing, scale and proportion, floorplan, elevation and section, perspective drawing and pencil and pen rendering. In addition students will be offered a range of non-technical exercises to broaden their general drawing skills.

CREA106/107  INTERDISCIPLINARY PROJECT - THEORY OF THEATRE TECHNOLOGY
Credit Points: 3
Lecturer: Ian McGrath (School of Creative Arts)
Assessment: Continuous assessment, tutorial assignments, attendance, examination and one 1,500 word essay.

This subject will provide students with a theatre industry-based language and an appreciation of the collaborative nature of the Theatre art, regardless of the student's particular specialisation. It is designed to act as a bridge for people of a non-technical background and is intended to prepare people trained in performance (e.g. high school teachers) to better comprehend the role of technology in theatre practice. It will also be of use to community based theatre practitioners who desire to raise their competence in theatre technology.

CREA204/205  INTERDISCIPLINARY PROJECT - INTRODUCTION TO GRAPHIC DESIGN USING THE COMPUTER
Credit Points: 6
Pre-requisite: 24 credit points at 100-level
Lecturer: Mr Gregor Cullen (School of Creative Arts)
Assessment: Major studio project (70%), design research assignment (30%).
Textbooks: References and reading list available at first lecture.

This subject will provide students with the skills to understand computer generated graphics and for its application to graphic design. Page design software such as Quarkxpress will be used to build a framework from which to understand graphic design methods, the science and technology of computer graphics and its impact on image making and the visual arts. Image scanning and image importing for other drawing and design software programs will be demonstrated in the workshop. Students will be set workshop assignments on practical applications.

CREA204/205 304/305  INTERDISCIPLINARY PROJECT - MULTIMEDIA
Credit Points: 6
Pre-requisites: 24 credit points at 100-level.
304/305: 24 credit points at 200-level.
Lecturer: Chris Caines (School of Creative Arts)
Assessment: Major studio project (80%), minor project (20%).
Textbooks: Reference and reading list available at first lecture.

An overview of the techniques of Multimedia production, (i.e. the on-screen production of computer presentations using audio/video/computer animation/graphics) including Quicktime, sound, graphical and interactive presentation techniques on Macintosh Platforms. Software packages to be used will be Adobe Premier, Adobe Photoshop, Macromedia Action and Sound Edit Pro. Basic computer literacy is a requisite. Class numbers are severely limited by hardware considerations, so there may have to be some type of student selection procedure.
CREA204/205  INTERDISCIPLINARY PROJECT - PRINTMAKING (LITHOGRAPHY)
Credit Points: 6
Pre-requisite: 24 credit points at 100-level.
Lecturer: Leonie Molloy (School of Creative Arts)
Assessment: Major studio project (80%), lithography research assignment (20%).
Textbooks: References and reading list available at first lecture.

Students will be introduced to the skills required to make zinc plate lithography. This will include traditional methods, tusche drawing and washes, and more contemporary techniques of photocopy and photographic transfer. Projects will be set up by the lecturer, which allow students to explore and develop these techniques. The processes devised for these projects will focus on investigation and problem-solving.

THEA108  SCREEN PRODUCTION A
Credit Points: 6
Lecturers: Kevin Bowley (School of Creative Arts)
Gilbert Meyns (Freelance TV Producer/Director)
Assessment: Continuous assessment, practical assignments, attendance.

Explanation of basic film and television terminology. Introduction to various formats and types of film and video equipment; instruction and practice in the use of operation of basic film and video equipment and facilities; instruction in the basic theory of planning and shooting a film or video production; developing familiarity with equipment through individual short practical exercises.

NOTE: Students will be expected to undertake practical exercises outside normal lecture times, if necessary.

THEA109  SCREEN PRODUCTION B
Credit Points: 6
Pre-requisite: AAPT108 or THEA108
Lecturers: Kevin Bowley (School of Creative Arts)
Gilbert Meyns (Freelance TV Producer/Director)
Assessment: Continuous assessment, practical assignments, attendance.

Advanced instruction and practice in using film and video equipment; further instruction in the basic theory of planning and shooting of a film or video production; further instruction in basic editing techniques and use of post production facilities; undertaking a small group production of a short film or video tape.

NOTE: Students will be expected to undertake practical production work outside normal lecture times, if necessary.

VIS101  DRAWING A
VIS102  DRAWING B
VIS201  DRAWING C
VIS202  DRAWING D
Credit Points: 3
Pre-requisites: For VIS201 and VIS202 only: VIS101 or VIS102, or AAVP101 or AAVP102
Lecturer: Ms Debra Dawes (School of Creative Arts)
Assessment: Folio of preparatory studies, source materials and documentation VIS 101/102 - (40%), VIS201/202 - (30%): completed works as set in the studio projects VIS101/102 - (60%), VIS201/202 - (70%).

Drawing from the object, landscape and the model will be the basis for both extending the imagination and developing the ability to select and analyse. A variety of conceptual approaches of representation will be explored, with a wide use of graphic media to emphasise different aspects of drawing skills. This will enable students to reach an understanding of both the aesthetic and conceptual components of drawing.
VIS105  VISUAL ARTS A (PAINTING)
VIS106  VISUAL ARTS B (PAINTING)
Credit Points:  6
Lecturer:  Mr Jelle van den Berg (School of Creative Arts)
Assessment:  Folio of preparatory studies, source materials and documentation (40%), completed works as set in the studio projects (60%).

This is a studio-based course, which will focus on the area of watercolour painting. This technique will be central to the skills development in both traditional and experimental process. The greater part of the work will be from observation in the studio and of the landscape.

VIS105  VISUAL ARTS A (SCULPTURE)
VIS106  VISUAL ARTS B (SCULPTURE)
Credit Points:  6
Lecturer:  Ms Penny Harris (School of Creative Arts)
Assessment:  Preparatory studies, source materials and documentation (40%), completed works as set in the studio projects (60%).

Students will be introduced to a range of skills in the traditional methods of making sculpture, i.e. casting, carving and construction. Projects will be set up by the lecturer, which allow students to explore and develop these techniques. The processes devised for these projects will focus on investigation and problem-solving.

VIS205  VISUAL ARTS C (PAINTING)
VIS206  VISUAL ARTS D (PAINTING)
Credit Points:  6
Pre-requisites:  VIS105 or VIS106
Lecturer:  Mr Jelle van den Berg (School of Creative Arts)
Assessment:  Folio of preparatory studies, source materials and documentation (25%), completed works as set in the studio projects (75%).

Students will produce works using a variety of media. Working from observation of the landscape and the object and also working from memory and imagination, students will develop individual projects which are strongly linked to contemporary concerns.

WRIT101  INTRODUCTION TO WRITING
Credit Points:  6
Lecturer:  Ms Robin Beattie
Assessment:  Two portfolios of works; each of 8 poems (with drafts) or 3,000 words of prose or 30 minutes running time of script, or some equivalent combination of forms (70%), exercises set in class (20%), participation in seminars and workshops (10%).
Textbooks:  Most recent two issues of SCARP
Pretty, R.K., Creating Poetry, Edward Arnold, 1987

1. This course is designed for students who have little or no background in writing, but wish to develop their abilities as writers. They may have taken community writing courses (WEA, TAFE courses and the like) but do not yet have a portfolio of writing strong enough to gain direct entry into Writing Overview. (Continued overleaf)
2. Students would become eligible for entry into Writing Overview A upon successful completion of this course. Students achieving a pass at Distinction level in this course would be permitted, if they so desired, to omit Writing Overview courses and enter Prose Fiction, Poetry or Media courses directly.

3. As its name suggests, this course provides a general introduction to the writing process. Topics to be dealt with will include:
   - Forms and varieties of writing, fiction and non-fiction: similarities and differences
   - How writing works: an introduction to the writing process
   - Writers on writing: comments by leading writers on the writing process
   - Getting started
   - Drafting and re-drafting
   - Some major forms: writing poetry; writing prose fiction; script writing

4. The course will be conducted through lectures.

ENGL115
Credit Points: 6
Lecturer: Ms Jane O'Halloran
Assessment: Two seminar papers (30% each), 2 practical exercises (15% each), participation (10%)
Textbooks: Atwood, M., *Lady Oracle*, Virago
de Troyes, C., *Arthurian Romances*, Dent
Niven, L. et al., *The Legacy of Heorot*, Sphere

This subject focuses on the nature and development of the romance genre, beginning with oral verse epics and including fiction, drama and film.

ENGL239
Credit Points: 6
Pre-requisite: 12 credit points at 100-level English, or 6 credit points in English plus 12 credit points in Communications, Creative Arts or Australian Studies.
Lecturer: Mr Des Davis
Assessment: Two seminar papers (35% each), practical exercise (30%)
Any responsible edition (eg. New Penguin) would be acceptable. There will be some practical exploration of the texts in class, so editions should be easily carried.

This subject will examine a selection of Shakespeare's plays as texts for performance. The emphasis will be on the conventions of Shakespeare's own theatre, on the relationship between his writing and those conventions, on the interconnections between the plays, the theatre and the times. Some attention will also be given to the conventions of presentation of the plays in subsequent periods, including Shakespeare on film.

ENGL244
Credit Points: 6
Pre-requisite: 12 credit points at 100-level English or equivalent.
Lecturer: Mr Michael Stone
Assessment: One essay (40%), one tutorial paper (30%), two practical exercises (30%)

This subject will examine the development of Australian Children's Literature in the nineteenth and twentieth centuries with greater emphasis on writers of the present day.
ENGL295  CONTEMPORARY AUSTRALIAN POETRY
Credit Points:  6
Pre-requisite:  12 credit points at 100-level English or equivalent
Lecturer:  Dr Michael Cotter
Assessment:  One major essay (40%), one seminar paper (40%), take-home examination (20%).
Textbooks:  Dawe, B., Sometimes Gladness
           Harwood, G., Selected Poems
           Haseltine, H.P., (ed.), The Penguin Book of Modern Australian Verse
           Murray, L. A., The Vernacular Republic
           Wright, J., Collected Poems.

This unit is a survey of a selection of Australian poetry published during the last thirty years. It views that poetry as an imaginative response to some of the major issues that constitute the socio-cultural context of late twentieth-century Australia. The unit is concerned with close scrutiny of particular works by individual poets, providing opportunities for direct confrontation of the artistry displayed in poetic texts within a particular context.

ENGL299  THE VIKINGS: OLD NORSE CULTURE, LANGUAGE AND LITERATURE
Credit Points:  6
Pre-requisite:  12 credit points at 100-level English or equivalent
Lecturer:  To be advised.
Assessment:  One essay (40%), one tutorial presentation (30%), two practical exercises (15% each).
Textbooks:  To be advised.

This subject introduces students to the cultural and social achievements of the societies which produced the Vikings: to the impressive literature they produced including the poetry, the family saga, and the work of the historian Snorri Sturluson (all in translation). It also gives students an insight into their language (Old Norse, or Old Icelandic) which is of great historical importance, and closely related to the earliest form of English.

ENGL336  COMPARATIVE AUSTRALIAN/NEW ZEALAND WRITING
Credit Points:  6
Pre-requisite:  12 credit points of 100-level English or equivalent
Lecturer:  Ms Antoinette Holm
Assessment:  Major essay (40%), minor essay (30%), practical exercises (30%).
           Frame, J., An Angel at my Table, Random.
           Hulme, K., The Bone People, Picador.
           Malouf, D., Harland's Half Acre, Penguin.
           Mansfield, K., Complete Stories of Katherine Mansfield, Penguin.
           Contemporary New Zealand Short Stories.

This subject is designed to focus on twentieth century writing in prose and verse in New Zealand and to contrast developments, issues and modes of writing by pakeha and Maori New Zealanders with selected aspects of Australian writing. The texts have been chosen to allow consideration of issues such as identity, (national, racial, sexual), relationship to the land, and the role of conventions and the development of stereotypes. The texts will be supplemented by films where possible and the course is designed to supplement those already offered in Australian and other post-colonial writing.
ENGL345

TWENTIETH CENTURY WOMEN WRITERS

Credit Points: 6
Pre-requisite: 12 credit points at 100-level English or equivalent
Lecturer: Ms Sharon Clarke
Assessment: One essay (40%), one tutorial paper (30%), two practical exercises (30%).
Textbooks:

Grace, P., Electric City, Penguin, 1987
Jolley, E., Miss Peabody's Inheritance, St Lucia, UQP, 1984
Masters, O., The Home Girls, St Lucia, UQP 1984

This subject examines poetry, short stories and novels by a number of twentieth century women writers from a variety of countries: Australia, USA, Southern Africa, New Zealand, Canada, and gives particular emphasis to the theme of the woman as artist.

GENE114

COMPUTERS AND THE ARTS

Credit Points: 4
Lecturer: Mr Ian Greig
Assessment: Two assignments (33.3% each), examination (33.3%).
Textbooks: Students may find it useful to purchase Getting to Work with Microsoft Works. Please enquire at the English Department office about the availability of this book.

Note: This subject is taught on Apple Macintosh computers, using the Microsoft Works program.

In this subject, students will study ways of incorporating computer-based applications into studies in the Faculty of Arts. This subject utilises the software package 'Microsoft Works' and is run on Apple Macintosh. Students will develop basic skills in data base research and construction as well as word processing and graphics.

HIST205

ANCIENT HISTORY (GREECE AND ROME)

Credit Points: 8
Pre-requisite: 12 credit points of 100-level History. Not to count with EDHI301
Lecturer: Peter Ricketson
Assessment: One essay of 3,000 words (40%), two minor assignments of 1,000 words each (15% each), a formal speech and participation in tutorials (30%).
Preliminary Reading: Seminar Booklet 1: The Classical Tradition
Seminar Booklet 2: The Bronze Age Aegean World
Textbooks:

Beard, M. & Crawford, M., Rome in The Late Republic: Problems and Interpretations, Duckworth, London
Green, P., Alexander of Macedon 356 - 323 BC: A Historical Biography, University of California Press, Berkeley
Murray, O., Early Greece, Fontana Press, London.
Powell, A., Athens and Sparta: Constructing Greek Political and Social History from 478 BC, Routledge, London.
Scullard, H. H., From the Gracchi to Nero, Methuen, London.

Optional Textbooks:


This subject provides students with an introduction to the ancient societies of Greece and Rome. While the subject itself covers approximately nine hundred years of history, most attention is focused on Fifth Century Greece and Rome of the Late Republic and Early Empire. The course begins with the troubled birth of the Greek polis (city state) in the eighth century BC and follows its social, political, economic and cultural development to the time of Alexander the Great. The importance of the Hellenistic Period is examined before a detailed analysis is made of the Late Roman Republic, its collapse, and the period of reconstruction under the Julio-Claudian Emperors.

NOTE: A pre-course meeting will be held on Wednesday 24 November at 4.00pm in Room 2040. Seminar Booklets 1 and 2 and the Course Handbook will be issued at this meeting.
INDO101

INTRODUCTORY INDONESIAN/MALAYSIAN - LEVEL 1

Credit Points: 6
Lecturer: Dr Ron Witton
Assessment: Assignments during the session (40%), final test (60%).
Textbooks: McGary, J.D. and Sumaryno, Learn Indonesian, Book 1 Modern Indonesian Publications, Chatswood, NSW (latest ed.).

This is an audio-lingual course for beginners or near-beginners in Indonesian/Malaysian. There is a dual focus on oral communication (listening and speaking) and developing competence in reading and writing. Throughout the course, the language is related to its socio-cultural setting. There will be extensive use of the language laboratory.

JAPA101

JAPANESE - LEVEL 1

Credit Points: 6
Lecturers: Dr M.A. Wells and others to be appointed.
Assessment: Assignments (40%), class work (20%), tests (40%).
Textbooks: To be advised.

This course aims to equip students with survival skills in speaking and listening to Japanese and to give them an introduction to the writing system. It will also give students some grasp of the social context of the language.

This is a terminating course and on completion the student will not be qualified for entrance to JAPA104. Students who wish to major in Japanese must take JAPA103 during autumn session.

JAPA105

JAPANESE 1C LANGUAGE

Credit Points: 12
Pre-requisite: JAPA104
Lecturer: Dr M.A. Wells,
Assessment: Assignments (40%), class work (20%), tests (40%).

The program begun in JAPA103 and 104 is continued and expanded.

NOTE: This course is a compulsory and integral part of the Japanese major in the ab initio stream. It is a pre-requisite for JAPA203 Japanese IIA Language.

JAPA205

JAPANESE IIB LANGUAGE

Credit Points: 12
Pre-requisite: JAPA204
Lecturers: Mrs N. Dethlefs and others to be appointed.
Assessment: Assignments (60%), class work (10%), tests (30%).
Textbooks: To be advised.

The program begun in JAPA103 will be continued and expanded. It is planned that this course will be taught in Japan in January/February.

JAPA305

JAPANESE IIIC LANGUAGE

Credit Points: 12
Pre-requisite: JAPA304
Lecturers: Mr T. Shimbo and others to be appointed.
Assessment: Assignments (60%), class work (20%), tests (20%).
Textbooks: To be advised.

This subject will further develop students' skills in speaking, listening to, reading and writing Japanese. The language will be studied in its social context. Computer skills and understanding of language in general will be developed further.
<table>
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<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Level</th>
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<th>Pre-requisites</th>
<th>Lecturer(s)</th>
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<tr>
<td>LANG116</td>
<td>Introductory German - Level 1</td>
<td>1</td>
<td>6</td>
<td></td>
<td>Mr H. Schaefer</td>
<td>Regular exercises and tests in aural comprehension, spoken and written expression.</td>
<td>Themen 1 Coursebook and Workbook, Auferstrasse, Bock, Gerdes, Muller Publ. Hueber Verlag, Munchen.</td>
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<tr>
<td>LANG196</td>
<td>Chinese (Mandarin) Level 1</td>
<td>1</td>
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<td>Mrs Zhao yan Bastick and Ms Qian Yan</td>
<td>Introductory Chinese Part 1, Philip Ung-kin Lee.</td>
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<tr>
<td>PHIL211</td>
<td>Greek Philosophy</td>
<td>8</td>
<td>8</td>
<td>At least 18 credit points</td>
<td>Mr A. Withall</td>
<td>Either two 2,500 word essays (80%) plus seminar assessment (20%), or one 3-hour examination at the end of summer session (80%) plus seminar assessment (20%).</td>
<td>Plato, The Republic, 2nd ed., Penguin Classics.</td>
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PHIL216  
**LOGIC B**

Credit Points: 8
Pre-requisite: At least 18 credit points. Not to count with PHIL112/153/173/253/273/MATH223.
Lecturer: Dr J. Mintoff
Assessment: Three in-class quizzes (40%) and one three-hour examination (60%)
Textbooks: Notes supplied by lecturer.


This is a basic introduction to elementary formal logic. Students will be introduced to the nature of reasoning, the propositional and predicate calculi and methods of proof construction in these systems. Topics discussed will also include translation of sentences into the languages of these calculi, and the relationship between these languages and a natural language such as English. No prior knowledge of philosophy is assumed and this subject does not presuppose any mathematical or other specialist technical knowledge. It meets the logic requirement for students contemplating taking Honours in Philosophy and may also be taken towards the Graduate Diploma in Philosophy, as well as a first degree.

PHIL294  
**MINDS AND MACHINES A**

Credit Points: 8
Pre-requisites: At least 12 credit points in philosophy or PHIL231 or PHIL262. Not to count with PHIL394.
Lecturer: Mr A. Witherall
Assessment: Tutorial assessment (10%), 2,500 word essay (30%), 3 hour examination (60%)

An introduction to contemporary philosophy of mind. Throughout the course we will be concerned with two main questions:

1. How adequate is the computer model of the human mind?
2. Could a computer ever have a genuine intelligence or consciousness?

Topics covered will be from amongst the following:
- Artificial intelligence research - its aims, principles and achievements - the computer as a model for the human mind, and biological brains and souls - intentionality - intelligence and creativity, and approaches to program resistant features - freedom of the will - learning, innate ideas and sociobiology - consciousness, self-consciousness - feelings and emotions.

PHIL394  
**MINDS AND MACHINES B**

Credit Points: 12
Pre-requisites: At least 16 Philosophy credit points at 200-level or 12 Philosophy credit points at 300-level. Note to count with PHIL294.
Lecturer: Mr A. Witherall
Assessment: Tutorial assessment (10%), 3,000 word essay (30%), 3 hour examination (60%)

This course examines some central issues in contemporary philosophy of mind, with particular attention to assessing the computational theory of mind, and its implications for the potential of computers, and for our understanding of ourselves. It will provide an introduction to the broad aims, principles and achievements of artificial intelligence research, and an opportunity to understand and assess the computer model of the mind, and whether biological brains (and/or souls) must have special features. Will it one day be possible to program intentionality, genuine intelligence and understanding, creativity, or freedom of the will? - and what about consciousness, self-consciousness, feeling and emotions?

SOC101  
**SOCIETY AND CULTURE**

Credit Points: 6
Lecturer: To be advised
Assessment: One 1,000 word essay (25%), one seminar presentation (25%), one short answer assignment (50%), 80% attendance required.
Textbooks: Jagtenberg, T. and D'Alton, P., (eds) *Four Dimensional Social Space*, Harper and Row: Sydney
Culture is a key concept within sociological analyses making it important that its nature and dynamics be critically examined and sociologically evaluated. This subject deals with the meaning of culture written from a range of different theoretical perspectives, including Marxist, feminist, positivist and functionalist frameworks. Comparative and cross-cultural studies also, will be addressed in this course so as to assess the role that class, gender, ethnicity and race play in the construction, maintenance and reproduction of different societies.

**SOC 102**  
**CONTEMPORARY ART AND SOCIETY**  
Credit Points: 6  
Lecturer: Pat Murray  
Assessment: One 2,000 word essay (40%), one seminar presentation and paper 1,200 words (20%), seminar participation (20%), in-class exercise 1,000 words (20%), practical group presentation (20%), 80% attendance required.  
Textbooks: To be determined.

This subject applies conceptual and theoretical perspectives from Sociology to the study of contemporary arts, culture and the media. The emphasis will be directed towards enabling students to develop and understand a variety of social and cultural theories as approaches to ways of seeing and understanding modern and post-modern cultural forms. The course will extend beyond the consideration of the fine arts to encompass popular and commercial forms, including pop music, photography, electronic and print media. Attention will also be directed to a range of diverse traditions that have enriched the development of contemporary western culture. Students will be afforded opportunities to focus on special interest areas of contemporary art.

**SOC 244**  
**SOCIOLOGY OF PUNISHMENT**  
Credit: 8  
Pre-requisite: 12 credit points at 100-level.  
Lecturer: Frank Hayes  
Assessment: One essay 2,000 words (40%), one seminar presentation 1,000 words (40%), book review 1,000 words (20%), 80% attendance required.  
Textbooks: This subject will draw on a range of theoretical and empirical materials from both the Australian and the overseas literature.  
Pre-final Reading: Will be available in the Reserve Section.

Department of Corrective Services (1985) *NSW Women in Prison Task Force*.  

To provide a critical understanding of the social meaning of punishment as embodied in the criminal justice system. The subject will examine the dimensions of control and punishment within the community with special reference to institutional life (adult or juvenile), community measures in probation, parole, home detention and periodic detention. It will deal with the current movements in and the problems experienced by community groups in all areas of society who are faced by changing aspects of the criminal justice system.

**STS112**  
**THE SCIENTIFIC REVOLUTION: HISTORY, PHILOSOPHY AND POLITICS OF SCIENCE**  
Credit Points: 6  
Lecturers: Mr R. Brown and Mr. D. Seldon  
Assessment: Essay (30%), tutorial paper (15%), tutorial participation (15%) and take-home examination (40%).  
Textbooks: Chalmers, A.F., *What is this thing called Science?*, University of Queensland Press, Brisbane, 1976  

An introduction to the history of Western science and to contemporary philosophical perspectives on scientific method and scientific change. The subject consists of a series of extended case studies illustrating the methods and problems of modern discipline of History and Philosophy of Science. (continued overleaf)
Topics will include: the nature of scientific knowledge and of scientific revolutions; the origins of Western science in Greek culture, the Copernican revolution in astronomy and the overthrow of the Medieval worldview; the career, trial and condemnation of Galileo; the establishment of the mechanistic and Newtonian world-views.

This subject serves as a pre-requisite for a number of upper level subjects in STS, but is also specifically designed to complement first year study of History, Philosophy, Sociology, Psychology or English.

**STS116 ENVIRONMENT IN CRISIS: TECHNOLOGY AND SOCIETY**

Credit Points: 6  
Lecturer: To be advised.  
Assessment: Essay (40%), group project (20%), assignment (20%), participation (20%).  
Textbooks: Book of readings prepared by STS Department.

What do pollution, the ozone hole, the greenhouse effect and toxic waste have in common? They are all environmental problems caused by technological change. What can be done about such problems? There are a number of approaches: use technology assessment (including risk assessment), develop alternative technology and change social practices. This subject deals with the technology and social roots of environmental problems and how these problems can be solved using a range of current environmental issues as case studies. Special attention is given to the role of scientists, engineers, governments and citizens.

**STS228 COMPUTERS IN SOCIETY**

Credit Points: 8  
Pre-requisites: Any 24 credit points.  
Lecturer: Mr D. Mercer  
Assessment: Two essays (22.5% and 37.5%), seminar paper (25%) and attendance, participation and commentaries (15%).

This course examines the development, role and implications of computers in contemporary future society. Issues to be examined include the history of computers, the development of computers through mechanical, valve, transistor and integrated circuit technology; defence and space programs as catalysts for development; applications of computers in corporate decision-making; government planning, education and health-care; automation, robotics, information processing, databanks; implications for privacy and surveillance; the nature of work, employment, social management and control; the power of the State; machine intelligence and human identity.

**STS260 WOMEN, SCIENCE AND SOCIETY**

Credit Points: 8  
Pre-requisites: 6 credit points at 100-level.  
Lecturer: Ms V. Colless.  
Assessment: 2000 - 3000 words essay (40%), small group research seminar (20%), tutorial preparation, presentation and participation (40%).  
Textbooks: A selection of relevant readings (to be advised).

This course aims to introduce students from the humanities and the sciences to theoretical frameworks explaining the relationship between gender and science.

At the end of the course you should be able to evaluate different responses to the following questions:  
1. Why have there been so few women involved in the production of scientific knowledge?  
2. What has science said about women?  
3. How can change occur?

You should be able to analyse these responses in order to differentiate between the following three different perspectives and to evaluate their respective strategies for change:  
1. Discrimination and sexism form barriers to women's participation in Science  
2. Science is already masculine, with its emphasis on the "cold hard facts"  
3. Scientific knowledge is a social construction which has frequently played a crucial role in the development and maintenance of power differences between the sexes.

To demonstrate the theoretical applications, you will examine case studies in sociobiology, genetics, brain difference research, medicine and animal behaviour studies.
### STS266
**THE SHAPING OF CONSUMER TECHNOLOGIES**
**Credit Points:** 8  
**Pre-requisites:** 24 credit points.  
**Lecturer:** Ms W. Varney  
**Assessment:** 2500-3000 word essay (40%), tutorial presentation and paper (40%), attendance and participation (20%).  
**Textbooks:** The following books are all helpful to an understanding of the course and will be used to various degrees:  

Consumerism is a central feature of the Western world. Consumer technologies are so pervasive that some have styled modern society as "the consumer society". To understand this society we need to have a sharp idea of the forces which select and shape consumer products. This subject is designed to look at these forces, including the ideologies of the market, individualism, patriarchy, racism and the domination of nature. These will be considered in relation to issues associated with technological change, human needs, and the mass merchandising of consumer products.

Household technology, leisure technologies, toys and other childhood commodities will be among the case studies. Using these the common assumption that technological advancement has brought a better quality of life, less work and richer leisure pastimes will be examined. What sort of dissonance or contradiction exists between the structures these technologies reinforce and the solutions they were supposed to usher in? What sort of technological alternatives may have been possible? Why didn't these succeed? What does this tell us about the role of power in the development of particular consumer technologies? What are the social imperatives for technologies which are in tune with human needs? By examining the social context of the development of consumer products, this subject will provide students with a framework and methods for answering these important questions.

### STS 268
**TECHNOLOGY AND FOOD**
**Credit Points:** 8  
**Pre-requisites:** 24 credit points.  
**Lecturer:** To be advised.  
**Assessment:** Attendance and participation (10%), tutorial presentation and paper (25%), annotated bibliography (10%), project (20%), essay (35%).  
**Textbooks:** To be advised.

This course is designed to investigate the technologies associated with food production and supply from an historical as well as contemporary perspective.

The course begins by investigating the development and adoption of increasingly complex food production technologies in use today. The political economy of food production and supply is investigated by conducting case studies of food production and distribution in developing and developed economies.

Other areas addressed during the course include the fit between human nutritional needs and processed foods, food quality, the ethical and moral issues generated by capital intensive agricultural practices and the environmental implications of contemporary agricultural technologies.

The course concludes with consideration of alternative food production models with emphasis on sustainability.

### STS288
**ISSUES IN THE COMMUNICATION AND PUBLIC UNDERSTANDING OF SCIENCE**
**Credit Points:** 8  
**Pre-requisites:** STS100/200 or other subject approved by Head of Department.  
**Lecturer:** Mr D. Mercer  
**Assessment:** Three class assignments, one tutorial presentation and paper, one 3000 word essay.  
**Textbooks:** Essential: Albury, R., *Politics of Objectivity*  
Recommended: Cameron, I., and Edge, D., *Scientific Images and their Social Uses*  
Nelkin, D., *Selling Science*  
Barnes, B., *About Science*. 
Science and technology impinge upon and inform day-to-day life in innumerable ways: through the direct experiences of using technologies, through changes in work patterns and day-to-day life via scientific and technological change, through formal science education in schools and universities, through science in the mass media and, as part of contemporary culture - as our core belief system the main source of authoritative claims about the natural world.

This subject is designed to provide a critical overview of a number of key themes and case studies involved in debates surrounding the public understanding of science and technology. Topics to be covered include:

- the professionalisation of science and the two cultures
- science as 'public knowledge'
- the use and abuse of the authority of scientific and technical knowledge in political debates;
- forms of scientific exposition;
- science education versus education about science;
- science in the mass media;
- problems in perceptions of technological risks;
- science in public inquiries and legal contexts;
- alternative science, pop-science and anti-science movements;
- forms of public participation in science.

Through these case studies the following themes shall be explored:

(i) The historical and sociological sources for 'anti-science' vs 'pro-science' public views;
(ii) how a more historically and sociologically informed view of science and technology exposes the weaknesses in 'anti-science' vs 'pro-science' dichotomy in popular views of science;
(iii) some of the problems in the ways images of science are conveyed to the public via the mass-media and science education, and ways these can be improved upon;
(iv) why a more sound public understanding of science allows equal space for both the celebration and criticism of science and technology and contributes to developing more effective forms of public participation in scientific and technological decision making.

This course will be of value to Arts students majoring in Science and Technology Studies complementing themes in STS100 and STS229. It will also be of special value to communications, science and law students who have interests in working in fields which involve science/technology and the public.
For subjects offered during summer session at Graham Park, Berry Campus refer to page 25.

BUSS108  DATA BASE
Credit Points: 6
Pre-requisite: BUSS101 or BUSS111
Lecturer: To be advised.
Assessment: Assignments and examination.
Textbooks: To be advised.

In this subject the student will be introduced to data base management concepts and to the development of data base management systems. The material taught will cover concepts of data management and analysis; data structures; data base hardware and software facilities; organisational contexts; potential benefits and difficulties associated with the introduction of data base application. The technical concepts will be illustrated by reference to both traditional mainframe approaches, and to emerging microcomputer level systems.

BUSS110  INTRODUCTORY BUSINESS COMPUTING A
Credit Points: 6
Pre-requisite: Nil, not to count with AICA113, AICA104, BUSS104.
Lecturer: To be advised.
Assessment: A combination of seminars, assignments and an examination.
Textbooks: To be advised.

This subject examines the roles of information and computer-based information systems in a modern organisation ranging from the operational level to the management control and strategic planning levels. Topics covered include: office automation, distributed data processing, PC's and end-user computing, management information systems, decision support systems, data base, information network, common business systems, knowledge-based systems, and security and privacy issues. The practical component includes hands-on experience in using a word processor, spreadsheet, communication, graphics and integrated software.

NOTE: Enrolment is restricted to BCom, BInfo Tech and Assoc Dip Comp Applications students unless vacancies exist.

BUSS111  INTRODUCTORY BUSINESS COMPUTING B
Credit Points: 6
Pre-requisite: Nil, not to count with CSCI111 or BUSS101 or AICA111.
Lecturer: To be advised.
Assessment: Assignments and an examination.
Textbooks: To be advised.

An introduction to the fundamentals of computing, this subject has two main objectives. It examines the techniques of structured programming, emphasising problem solving skills, stepwise refinement in program development and good coding style. It also studies the principles of operation and the functional components of a modern computer system, providing a systematic framework to examine the interrelation between hardware and software, and the current trends in information technology.

NOTE: Enrolment is restricted to BCom, BInfo Tech and Assoc Dip Comp Applications students unless vacancies exist.

BUSS214  STRUCTURED BUSINESS PROGRAMMING I
Credit Points: 6
Pre-requisite: BUSS111 (or AICA111), BUSS101 (or AICA101); not to count with AICA112, AICA214, CSCI223.
Lecturer: To be advised.
Assessment: Assignments and an examination.
Textbooks: To be advised.
This is an introduction to the design, construction, coding, testing and documentation of computer programs in COBOL. Particular emphasis will be placed on techniques of problem solving, structured programming and modular design. Topics covered include: COBOL language syntax, compiling and linking, file design, sequential files, input and output of data, data elements including tables and arrays, screen design and program testing.

**NOTE:** Enrolment is restricted to BCom, BInfo Tech and Assoc Dip Comp Applications students unless vacancies exist.

**ECON101**  
**INTRODUCTORY MACROECONOMICS**  
Credit Points: 6  
Lecturers: Mr Edgar Wilson and Mr Darren McKay  
Assessment: Assignments and tutorial assessment (25%), examination (75%).  
Textbooks:  

ECON101 - Introductory Macroeconomics aims to introduce you to the Australian economy and to explain how the economy as a whole works. This approach will tend to be analytic in nature in order to show how economic principles can be used to analyse real world problems and to recommend appropriate economic policy.

This course will also introduce you to the Australian National Accounts (ABS 5204.0) which are a most important source of data on the Australian economy. It is intended that by the end of the series of lectures and tutorials you will know your way around this data source, and will thereafter become skilled at extracting and presenting statistical information and at commenting upon those statistics.

**ECON111**  
**INTRODUCTORY MICROECONOMICS**  
Credit Points: 6  
Lecturer: Dr Khorshed Chowdhury  
Assessment: Assignments (25%), examination (75%).  
Textbooks:  

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**  
Credit Points: 8  
Lecturers: Dr C. Harvie, Mr E. Wilson  
Assessment: Essay (30%), examination (70%).  
Textbooks:  

This is the second core subject in the stream which begins in the first year with Introductory Macroeconomics and continues to Public Finance, Monetary Economics. The aim of the subject is to analyse the factors which determine the behaviour of the Australian economy at the aggregate level. Macroeconomic aggregates such as gross domestic product, gross fixed capital expenditure, the general government financial deficit, the overseas sector financial balance, employment, and the price level are examined within the framework of sector financial balances, stressing explanation and forecasting. The formulation of economic policy and the effects of the international economy on the aggregate level of Australian economic activity are also considered.
ECON222  
**MATHEMATICAL ECONOMICS**  
Credit Points: 8  
Pre-requisite: MATH101 or MATH151 or ECON122  
Lecturer: Dr Nelson Perera  
Assessment: Assignments (20%), final examination (80%).  

Mathematical treatment of economic topics including: theory or consumer behaviour; theory of production; welfare economics; basic macroeconomic models; input-output tables; theory of economic growth; market equilibrium. Techniques include: linear algebra; optimisation; differential and integral calculus.

ECON228/230  
**QUANTITATIVE ANALYSIS FOR DECISION MAKING**  
Credit Points: 8/6  
Lecturer: Dr J. Thampapillai  
Assessment: Assignments, exercises, examination.  

The role of quantitative analysis in the decision-making process. Problem-solving techniques will be studied with emphasis on their practical application. Topics may include: linear programming; integer programming; goal programming; network analysis; systems simulation; decision theory; and inventory and queuing models.

ECON301  
**MONETARY ECONOMICS**  
Credit Points: 8  
Lecturers: Mr Boon Lee, Dr Charles Harvie, Mr Darren McKay  
Assessment: Two essays (20% each), one final examination (60%).  

The subject develops the analysis of macroeconomic policy and public finance begun in the second year and provides a basis for the second session study of economic policy. The aim of the subject is to analyse in detail the working and institutions of the Australian monetary and financial system and markets, and monetary/regulatory policy in the economy. Special attention is given to the determinants of changes in the money supply and the impact of changes in the money supply on interest rates, the price level, and the exchange rate.

ECON309  
**ENVIRONMENTAL ECONOMICS**  
Credit Points: 8  
Lecturer: Dr J. Thampapillai  
Assessment: Assignments, examination.  
Textbooks: Set of readings will be provided in the library.

This subject will provide a comprehensive analysis of environmental issues using both the traditional theory of economic externalities and the newer analysis of ecologically sustainable development. Both approaches will be used to initially evaluate environmental policy in Australia and developing countries. In addition, a component of the course will deal with issues specific to the Illawarra/South Coast Region.

ECON311  
**NATURAL RESOURCE ECONOMICS**  
Credit Points: 8  
Lecturer: Associate Professor A. Levy  
Assessment: Essay and examination.  

The purpose of this course is to introduce the fundamental rules of efficient management of renewable and exhaustible natural resources in a dynamic framework under various market structures. These rules will be derived by solving relevant intertemporal optimisation problems with optimal control techniques. Empirical aspects related to the rules will be discussed in class and will be investigated further in the student's essays.
### MGMT101 ORGANISATIONAL BEHAVIOUR

<table>
<thead>
<tr>
<th>Credit Points:</th>
<th>6</th>
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<tbody>
<tr>
<td>Lecturer:</td>
<td>Mr Michael Gross</td>
</tr>
<tr>
<td>Assessment:</td>
<td>Mid-session examination (40%), final examination (60%).</td>
</tr>
</tbody>
</table>

The subject examines aspects of the Behavioural Sciences which are relevant to an understanding of human behaviour in work organisations. These will include:

a. Topics relevant to the understanding of the behaviour of individuals within work settings eg. role playing, perception, motivation, communication and group dynamics.

b. Topics relevant to the understanding of large organisations in their totality, eg. environment change, organisational goals, formal structures, technology, systems theory and organisational design.

c. Studies of the behaviour of individuals and groups within complex organisations combining insights from a. and b. above, eg. conflict, cooperation, competition, power, leadership and organisational culture.

The method of instruction is designed to highlight the managerial perspective on problems in an organisational setting. Lectures will focus on the basic principles and concepts involved in understanding organisational behaviour. Seminars will utilise the case study method in order to provide students with the opportunity to apply theory in a realistic context, which emphasises the role of the manager as a decision maker.

### MGMT102 BUSINESS COMMUNICATIONS

<table>
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<tr>
<th>Credit Points:</th>
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<tbody>
<tr>
<td>Lecturer:</td>
<td>Shahnaz Naughton</td>
</tr>
<tr>
<td>Assessment:</td>
<td>Mid-session examination, assignments, final examination.</td>
</tr>
</tbody>
</table>

Theoretical models of the communication process and their application in a managerial context. Impact of interpersonal factors on communication verbal and non-verbal communication. Formal and informal communication channels and information flows. Barriers to effective communication and ways of overcoming these.

### MGMT213 INTRODUCTION TO MARKETING

<table>
<thead>
<tr>
<th>Credit Points:</th>
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<tr>
<td>Pre-requisite:</td>
<td>18 credit points from Commerce schedule.</td>
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<tr>
<td>Lecturer:</td>
<td>Dr Muris Cicic</td>
</tr>
<tr>
<td>Assessment:</td>
<td>Participation, mid-session examination, examination.</td>
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</table>

The subject examines marketing concept and business philosophy, and their role in the economy, both national and international. The nature of marketing systems is thoroughly analysed. After considering the role of the marketing function in the organisation, the marketing decision process is examined. The identification of market opportunities and the selection of target markets, market segmentation and buyer behaviour are covered. Marketing mix decisions are dealt with in the context of the marketing program.

### MGMT315 MARKETING MANAGEMENT

<table>
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<tr>
<th>Credit Points:</th>
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<tr>
<td>Pre-requisite:</td>
<td>MGMT213</td>
</tr>
<tr>
<td>Lecturer:</td>
<td>Lesley White</td>
</tr>
<tr>
<td>Assessment:</td>
<td>Assignments and examination.</td>
</tr>
<tr>
<td>Textbooks:</td>
<td>To be advised.</td>
</tr>
</tbody>
</table>

The subject focuses on the decisions facing marketing executives in their attempt to harmonise the objectives and resources of the organisation with the opportunities found in the market place. An emphasis will be placed on using examples of practical problems that marketing executives work on day by day.
This is the "capstone" unit in the marketing major. As such it is designed to integrate skills and knowledge in a number of other business disciplines. It will draw heavily on the areas of not only marketing theory and market research methods but also economics, finance, managerial accounting and management theory. It is designed to develop analytical skills and diagnostic ability for the proposal, implementation and control of alternative marketing strategies and plans.

GRAHAM PARK, BERRY CAMPUS

MGMT190  ORGANISATIONAL BEHAVIOUR
Credit Points:  6
Lecturer:  Mr Ray Cleary
Assessment:  Mid-session examination, two essays and final examination.
Textbooks:  Luthans, Organisational Behaviour, McGraw-Hill.

The subject examines aspects of the Behavioural Sciences which are relevant to an understanding of human behaviour in work organisations. These will include:

a. Topics relevant to the understanding of the behaviour of individuals within work settings eg. role playing, perception, motivation, communication and group dynamics.

b. Topics relevant to the understanding of large organisations in their totality, eg. environment change, organisational goals, formal structures, technology, systems theory and organisational design.

c. Studies of the behaviour of individuals and groups within complex organisations combining insights from a. and b. above, eg. conflict, cooperation, competition, power, leadership and organisational culture.

The method of instruction is designed to highlight the managerial perspective on problems in an organisational setting. Lectures will focus on the basic principles and concepts involved in understanding organisational behaviour. Seminars will utilise the case study method in order to provide students with the opportunity to apply theory in a realistic context, which emphasises the role of the manager as a decision maker.

MGMT191  BUSINESS COMMUNICATIONS
Credit Points:  6
Lecturer:  Mr Ray Cleary
Assessment:  Mid-session examination, assignments, final examination.

Theoretical models of the communication process and their application in a managerial context. Impact of interpersonal factors on communication verbal and non verbal communication. Formal and informal communication channels and information flows. Barriers to effective communication and ways of overcoming these.
CIVL231 HYDRAULICS 1
Credit Points: 4
Lecturers: Dr M. Sivakumar, Assoc Prof M.J. Boyd
Assessment: Laboratory reports, assignments, final examination 2 hours.


CIVL251 STRENGTH OF MATERIALS 1
Credit Points: 4
Pre-requisite: CIVL122/MECH103/MECH101/ENGG121.
Lecturer: Assoc Prof D.G. Montgomery
Assessment: Mid-session examination (20%), final examination (80%).

Concepts of stress and strain; problems in direct stress; analysis of plane stress and plane strain; principle moments of inertia; stresses due to bending and shear in beams; deflection of beams; torsion of circular and thin-walled sections; combined loading; introduction to statically indeterminate beams.

CIVL252 STRENGTH OF MATERIALS 2
Credit Points: 4
Co-requisite: CIVL251.
Lecturer: Prof L.C. Schmidt
Assessment: Final examination, tutorial assignments, practical work.

Buckling of compression members; impact loading; inelastic flexure, strain energy, principles of superposition and reciprocity. Experimental methods.

CIVL295 ENGINEERING COMPUTING/ENGINEERING COMPUTING 1A
Credit Points: 4/3
Lecturers: Assoc Prof M.J. Boyd, Dr E.Y. Baafi.
Assessment: Class examinations (20%), assignments (20%), final examination (60%).

a. Introduction: Typical computer architecture, operating systems (e.g. MS-DOS), menu system in PC Labs.
b. Software Packages: Editor, word processor, spreadsheet (cell operations, functions, iteration, graphing).
c. Programming: Techniques in programming with a high level language (e.g. QuickBASIC, FORTRAN). Procedures for entering, editing, saving, compiling and running programs. Structure, variables, functions, subroutines. IF statements DO Loop structures, input, output and formatting, flowcharts and documentation.

NOTE: For this year only, ENGG111 and CIVL295 have common content, before the transition to a new syllabus for CIVL295 in 1994. Therefore ONLY students who have failed CIVL295 in 1993 are eligible to enrol in summer session. The subject ENGG111 and CIVL295 will run concurrently. The subjects ENGG111 and CIVL295 will run concurrently. Both ENGG111 and CIVL295 are only available to students enrolled in Civl, Mining and Environmental Engineering.
CIVL316  STRUCTURAL DESIGN 2
Credit Points: 4
Pre-requisite: CIVL251.
Lecturer: Assoc Prof Y. C. Loo
Assessment: Tutorial assignments (20%), examination (80%).

Ultimate strength analysis and design of reinforced concrete rectangular beams and flanged sections including bending, shear, torsion, and stress development; deflection and crack control of flexural members; ultimate strength theory for columns; analysis and design of one-way and two-way slabs. For each of the topics, recommendations of the Australian Standard AS3600-1988 are discussed in detail.

In the presentation, emphasis is given to the use of the current Australian Standard AS3600-1988. Thus, the course will also be of interest to practising civil and structural engineers who wish to keep up-to-date with the new limit-state design processes.

CIVL353  STRUCTURES 1
Credit Points: 4
Pre-requisite: CIVL251/CIVL252.
Lecturer: Prof L.C. Schmidt
Assessment: Assignments, mid-session examination, final examination.
Textbooks: To be advised.


CIVL374  SURVEYING 3
Credit Points: 4
Pre-requisite: CIVL273
Lecturer: Associate Professor M. J. Lowrey
Assessment: Two hour examination and compulsory laboratory projects.

Aerial photogrammetry; vertical and tilted photographs; radial-line triangulation; aerial mosaics; stereoscopy; photographic interpretation; flight planning; terrestrial and close-range photogrammetry.

CIVL456  STRUCTURES 3
Credit Points: 4
Pre-requisite: CIVL353
Lecturer: Prof L. C. Schmidt
Assessment: Assignments, one hour mid-session examination, 2 hour final examination.

Matrix methods and their application to skeletal structures. Finite elements and finite strip methods. Computer applications.

CIVL491  COMPUTER APPLICATIONS
Credit Points: 4
Pre-requisite: MATH288 and CIVL295, or MATH282 and CIVL295
Lecturers: Dr E. Y. Baafi, Prof L. C. Schmidt
Assessment: Submitted projects to be assessed. No formal examination will be held.
Textbooks: To be advised.

Use of engineering software on personal computers - general purpose structural analysis packages. Use of spreadsheets in engineering applications. Introduction to simulation software for transport and facilities allocation.
ENGG111  ENGINEERING COMPUTING/ENGINEERING COMPUTING 1A  
(run In conjunction with CIVL295)

Credit Points: 4/3
Lecturers: Assoc Prof M J. Boyd, Dr E.Y. Baafi.
Assessment: Class examinations (20%), assignments (20%), final examination (60%).
Textbooks: Beiserene, R., *Mastering QuickBASIC*  
Nyhoff, L. and Leestna, S., *FORTRAN 77 for Engineers and Scientists*  
QUE Development Group, *Using 1-2-3 for DOS*.

a. Introduction: Typical computer architecture, operating systems (e.g. MS-DOS), menu system in PC Labs.
b. Software Packages: Editor, word processor, spreadsheet (cell operations, functions, iteration, graphing).
c. Programming: Techniques in programming with a high level language (e.g. QuickBASIC, FORTRAN). Procedures for entering, editing, saving, compiling and running programs. Structure, variables, functions, subroutines. IF statements DO Loop structures, input, output and formatting, flowcharts and documentation.

NOTE: For this year only, ENGG111 and CIVL295 have common content, before the transition to a new syllabus for CIVL295 in 1994. Therefore ONLY students who have failed CIVL295 in 1993 are eligible to enrol in summer session. The subjects ENGG111 and CIVL295 will run concurrently. Both ENGG111 and CIVL295 are only available to students enrolled in Civil, Mining and Environmental Engineering.

ENGG121  STATICS

Credit Points: 3
Lecturer: Assoc Prof Y.C. Loo.
Assessment: Tutorial assignments (20%), examinations (80%).

Forces, moments and equilibrium: two and three dimensional systems; analytical and graphical methods. Elementary structural analysis: support reactions; axial forces in trusses; shear forces and bending moments in beams. Centroids, centres of gravity and moments of inertia.

MECH404  MECHANICS OF SOLIDS II

Credit Points: 4
Pre-requisite: MECH201
Lecturer: Dr Animesh Basu
Assessment: Final examination and assignments.

Two and three dimensional elasticity, dynamic loading, virtual work and energy principle, pressure vessel, fracture and fatigue.

MECH467  MECHANICAL ENGINEERING APPLICATIONS OF FINITE ELEMENT METHOD

Credit Points: 4
Pre-requisite: MECH264
Lecturer: Dr Animesh Basu
Assessment: Final examination and assignments.
Textbooks: Cook, R. D., *Finite Element Method*.

One, two and three dimensional finite element methods. Applications to engineering problems.
<table>
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<tr>
<th>Course</th>
<th>Title</th>
<th>Credit Points</th>
<th>Pre-requisite</th>
<th>Lecturer</th>
<th>Assessment</th>
<th>Textbooks</th>
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<tr>
<td>BMS101</td>
<td>HUMAN ANATOMY</td>
<td>6</td>
<td></td>
<td>Mr Murray Paton, Dr M. Brown</td>
<td>Practical examination (50%), theory examination (50%).</td>
<td>Crouch, J. E., <em>Functional Human Anatomy</em>, Lea &amp; Febiger, Philadelphia.</td>
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<td></td>
<td></td>
<td></td>
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<td></td>
<td>Study of the gross anatomical structures which comprise the body from a systemic approach.</td>
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<tr>
<th>Course</th>
<th>Title</th>
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<th>Pre-requisite</th>
<th>Lecturer</th>
<th>Assessment</th>
<th>Textbooks</th>
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<tbody>
<tr>
<td>PSYC347</td>
<td>ASSESSMENT AND INTERVENTION</td>
<td>8</td>
<td>PSYC232 and PSYC231 and PSYC235 and PSYC244</td>
<td>Dr Saroja Srinivasan</td>
<td>Seminar (30%), practical reports (25%), participation (5%), examination (40%).</td>
<td>To be advised.</td>
</tr>
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<td></td>
<td></td>
<td></td>
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<td></td>
<td>This subject deals with the assessment, intervention and evaluation procedures used in various settings (e.g. drug and alcohol, general and vocational counselling, psychiatric, rehabilitation, chronic pain clinics). Consideration is given to theories and models of assessment and intervention and multicultural issues in assessment and intervention. The subject will have special focus on the skills of the assessor/therapist and will provide practical exercises aiming to develop these skills.</td>
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</tr>
</tbody>
</table>
FACULTY OF INFORMATICS

CSCH100
Credit Points: 6
Lecturer: P. Castle
Assessment: Assignments and final examination
References: Bratko, I., Prolog Programming for Artificial Intelligence, Addison-Wesley
Rogers, J. B., A Prolog Primer, Addison-Wesley.

The objectives of this subject are to provide an introduction to the study of Computer Science for those students who have no previous experience of computing studies in their school education and who propose to follow a program of computing studies at University, and to serve as a Computer Literacy subject for those students who want more than the University's current minimum computer literacy requirements.

Topics will include: computer systems organisation including both the main hardware and software components, data manipulation in spread sheets and databases, the use of declarative programming languages to specify rules for data manipulation, introductory topics related to "Expert Systems".

Note: This subject is not to count with other Computer Science subjects unless It is completed prior to other Computer Science subjects.

CSCH121
Credit Points: 6
Pre-requisite: CSCI111 or CSCI112
Lecturer: Dr Peter Nickolas
Assessment: Assignments and final examination
Textbooks: Metrowerks Modula-2 PSE (available for purchase from Department)
Helman, P. and Veroff, R., Walls and Mirrors: Intermediate Problem Solving and Data Structures, (Modula 2 Edn), Benjamin/Cummings.
Riley, D. D., Data Abstraction and Structure, Boyd and Fraser, Boston, 1987.

The objective of this subject is to develop the knowledge, skills and techniques introduced in Computer Science IA so that students will have a firm foundation for subsequent studies.

Elements of data abstraction, program specification and correctness proofs will be introduced in an informal way. Skill in analysing the performance of algorithms will also be developed.

The subject will cover data structures and their implementations, including, in particular, sorting, searching and hashing. As with CSCI111, the implementation language will be Modula 2 on the Macintosh, and programming assignments will be a major part of the student workload.

IACT200
Credit Points: 6
Pre-requisite: 48 credit points at 100-level.
Co-ordinator: Mr A. Dean
Assessment: Work diary, three assignments, one report of 1,500 words.

The performance in this subject will be determined as either 'Satisfactory' for satisfactory completion, or 'Unsatisfactory' for unsatisfactory completion. Students undertake approved employment for a period of 12 weeks through spring and summer sessions. In addition to carrying out the duties required by the employer, students are expected to keep a comprehensive diary of their work, undertake three assignment tasks set by the Co-ordinator, and submit a 1,500 word report which includes a description of the organisation and section in which the work was carried out, an analysis and assessment of work practices and IT management, a discussion of the relevance of the work undertaken to university studies, and an assessment of the value of the experience.
IACT300

PROFESSIONAL EXPERIENCE B

Credit Points: 6
Pre-requisite: 48 credit points and IACT200.
Co-ordinator: Mr A. Dean
Assessment: Work diary, three assignments, one report of 1,500 words.

The performance in this subject will be determined as either 'Satisfactory' for satisfactory completion, or 'Unsatisfactory' for unsatisfactory completion. Students undertake approved employment for a period of 12 weeks through spring and summer sessions. In addition to carrying out the duties required by the employer, students are expected to keep a comprehensive diary of their work, undertake three assignment tasks set by the Co-ordinator, and submit a 1,500 word report which includes a description of the organisation and section in which the work was carried out, an analysis and assessment of work practices and IT management, a discussion of the relevance of the work undertaken to university studies, and an assessment of the value of the experience.
FACULTY OF LAW

LAW100
Credit Points: 6
Remark: Not to count with LAW160 or LLB100 or ACCY160 or ACCY163.
Lecturer: To be advised.
Assessment: Assignments, examination, tutorial attendance compulsory.
Textbooks: Readings and materials available for purchase.

A study of the overall framework of law in Australia, the sources, classifications and terminology of law, the judicial process, legal reasoning, materials and methodology. Selected aspects of the substantive law will be used to illustrate the above.

LAW210
Credit Points: 6
Pre-requisite: LAW 160 or LAW100.
Remark: Not to count with LAW161 or LLB210 or LLB150 or ACCY161 or ACCY163.
Lecturer: To be advised.
Assessment: Assignments, examination, tutorial attendance compulsory.

A study of the common law governing contractual relationships together with an outline of relevant statutory modifications, including an introduction to the sale of goods and consumer law.

LAW302
Credit Points: 6
Pre-requisite: LAW 161 or LAW210 or ACCY161 or ACCY163.
Remark: Not to count with LAW261 or LLB302 or ACCY261.
Lecturer: To be advised.
Assessment: Assignments, examinations, tutorial attendance compulsory

Law of Partnerships and Companies.

LLB313
Credit Points: 8
Pre-requisite: 48 credit points of LLB subjects.
Remark: Not to count with LLB410.
Co-ordinator: Ms Penny Pelher
Assessment: Research Paper.
Textbooks: To be advised.

A supervised research paper of no more than 10,000 words on a subject selected by the student and approved by the Dean before the commencement of the first session of enrolment.

NOTE: This subject is available to LLB students, but only if appropriate supervision can be arranged. There are particular requirements concerning dates by which a research topic must be approved and research commenced. Before lodgement of the application for enrolment in this subject, students must obtain a copy of the Subject Guidelines from the Faculty of Law Office.
LLB314 LEGAL RESEARCH PROJECT B
Credit Points: 16
Pre-requisite: 48 credit points of LLB subjects.
Remark: Not to count with LLB411.
Co-ordinator: Ms Penny Pether
Assessment: Research Paper.
Textbooks: To be advised.

A supervised research paper of no more than 25,000 words on a subject selected by the student and approved by the Dean before the commencement of the first session of enrolment in this subject.

NOTE: This subject is available to LLB students, but only if appropriate supervision can be arranged. There are particular requirements concerning dates by which a research topic must be approved and research commenced. Before lodgement of the application for enrolment in this subject, students must obtain a copy of the Subject Guidelines from the Faculty of Law Office.

LLB350 SPECIAL STUDY IN LAW A (Japanese Law)
Credit Points: 8
Pre-requisite: 20 credit points LLB and permission from the Sub-Dean of Law.
Co-ordinator: To be advised.
Assessment: Class participation, assignments. Seminar attendance compulsory.
Textbooks: To be advised.

An introduction to the Japanese Legal System.

LLB351 SPECIAL STUDY IN LAW B (Fiduciary Relationship)
Credit Points: 8
Pre-requisite: 20 credit points LLB and permission from the Sub-Dean of Law.
Co-ordinator: To be advised.
Assessment: Class participation, assignments. Seminar attendance compulsory.
Textbooks: To be advised.

A study of the Fiduciary and other obligations of Corporate Directors.

LLB390 COMPUTER SKILLS
Credit Points: 2
Co-requisite: LLB190.
Co-ordinator: Mr David Hamer
Assessment: Class participation, assignments. Seminar attendance compulsory. This subject is graded as satisfactory or unsatisfactory only.
Textbooks: To be advised.

An introduction to the application of information technology in legal work, and the use of expert systems.

LLB393 DRAFTING AND CONVEYANCING PRACTICE
Credit Points: 2
Co-requisite: LLB200 or LLB305.
Lecturer: Mr W. Macquarie
Assessment: Class participation, assignments. Seminar attendance compulsory. This subject is graded as satisfactory or unsatisfactory only.
Textbooks: To be advised.

The skills of preparing legal and other documents in clear, plain English. Techniques used in drafting legislation, corporate documents, and other legal documents. An introduction to the preparation of forms used in common land and commercial transactions and wills (including the standard contract for the sale of land and standard residential leases); the legal rules affecting the use of standard documents.
FACULTY OF SCIENCE

GEOL228
Credit Points: 6
Pre-requisite: 12 credit points of 100-level subjects.
Lecturers: Assoc Prof A. J. Wright and Assoc Prof B G Jones
Assessment: Practical assignments and multiple choice tests (40%), essay (2,000 words) (30%), theory paper (2 hours) (30%).

**Historical Approaches:** Theories on the geological evolution of the Earth; the historical development leading to the unifying theory of plate tectonics; application of this theory to the development of the Sydney Basin & Illawarra region; early geological exploration in the Illawarra region & its correspondence to modern concepts in geology.

**Controversies:** Dating the geological record; the concept of accurate versus relative time scales; the significance of Kiama as a world reference section; the relationship of geology & creationism.

**Local Resources:** The significance and problems associated with exploration of local geological resources in the Illawarra region - coal, building materials, gems.

**Environment:** The geological and ground water factors that influence, and are affected by urbanisation and industrialisation in the Illawarra.

GEOL301
Credit Points: 8
Pre-requisite: GEOL223 or 12 credit points 100-level Geology and 12 credit points 200-level Physical Geography.
Lecturers: Assoc Prof A. J. Wright, Assoc Prof B G Jones, Dr P F Carr and Dr J W Pemberton
Assessment: Marks for field competence and field attitude, 2 field reports including detailed geological maps and sections.

The subject will introduce a variety of field geology techniques including the production of both simple and more complex geological maps, measurement of stratigraphic sections, description of a variety of geological structures, detailed sedimentary and volcanic facies assessment and the organisation and production of field mapping reports. Field work is carried out over two 10 day field trips. The first trip involves well exposed coastal sequences in the Merimbula - Eden area during the first weeks of December. The second trip, during the last weeks in February, requires more interpretative field geology in typical exposures in the Lachlan Fold Belt or New England Fold Belt.
POST-GRADUATE SUBJECTS

NOTE: The following subjects are only available to students enrolled in relevant post-graduate degrees.

FACULTY OF ARTS

JOUR943  DIRECTED READINGS IN JOURNALISM
Credit Points: 6
Lecturer: Professor Clem Lloyd
Assessment: Tutorial reports and major evaluation of the selected reading program.
Textbooks: There are no prescribed textbooks. Reading lists for each topic will be distributed in class.

This subject enables students to extend their knowledge of the history, theory and practice of journalism by directed reading courses in selected topics. These readings are designed to complement and develop topics studied in earlier subjects. Topics available include: the journalism of Colonial Australia; structure of the Australian news media; news media management; current affairs radio and television; principles of layout and design; the role of the editor; studies of individual journalists and their work.

JOUR945  APPLIED JOURNALISM PROJECT
Credit Points: 6
Lecturer: Professor Clem Lloyd
Assessment: Written evaluations of progress and final research report which may include electronic media and print production material.
Textbooks: There are no prescribed textbooks.

This subject provides a shorter alternative project for final session students not wanting to undertake the major project, or electing to do additional course work, or wanting to develop skills acquired in previous vocational subjects. Project areas available include: historical issues in Australian journalism; defamation law; structure of Australian news gathering; electronic news gathering; electronic print production.

JOUR951  PUBLIC JOURNALISM
Credit Points: 6
Lecturer: Professor Clem Lloyd
Assessment: Written assignments and field work.
Textbooks: There are no prescribed textbooks.

This subject examines the organisation and practice of journalism in the area of public affairs. Subjects studied include political journalism, the press gallery system, local government and industrial reporting, political lobbying, the role of press secretaries, the role of corporate and public affairs directors, the role of political consultants.

JOUR991  MAJOR PROJECT
Credit Points: 12
Lecturer: Professor Clem Lloyd
Assessment: Written evaluations of project, internship report where applicable, and final research report of 6000 words.

This subject is designed as a major project encompassing field work and an internship in Applied Journalism. It is directed to giving journalism students advanced skills in method and practice of journalism.
A study of the behaviour of individuals in organisations, groups and group processes, leadership and communication, organisation design and job design, appraisal of performance, processes of organisational change and development.

This subject examines organisations and the development of organisation design, structure and control. Topics will include: major components of structure, determinants of structure and organisational design. Application of theory in the areas of job design, the management of change, management of conflict, new technology, organisation culture, and organisation-environment relations will also be considered.

This subject examines the process of change within an organisation. Issues under discussion will be: change models; characteristics of innovative organisations; acceptance/resistance of change; factors of change; reasons for change; intervention strategies; planning and monitoring change; sustaining change.

The subject examines the contemporary view of marketing and focuses on decision making processes and procedures. The focuses are on the areas of identification of market opportunities; segmentation and targeting; marketing mix decisions; services and international marketing.

This advanced course is designed to follow on from MGMT938 (Managing Services Marketing). It will focus on advance topics in service quality, customer satisfaction with services, and strategic issues relating to the marketing of service firms. Emphasis will be placed on reviewing contemporary readings in the academic and professional literature. Available only to MCom students.
The subject is designed to familiarise students with the basic tools and techniques of empirical research methods in business. A part of the assessment procedures will include a problem identification project in which students will be given some "hands-on" experience in identifying suitable business problems and formulating an appropriate research design. These "problem identification" projects would normally form the basis for the students' research project. Topics include the following: Introduction to philosophy of research; Problem identification and hypothesis development; Modes of designing research; Validity and reliability problems; Techniques for measuring characteristics; Sample size and response rates; Analysis of data.
## SUMMER SESSION 1993/94 TIMETABLE

Although this timetable is correct at the time of printing, some changes may occur before the start of session. Students are advised to check the availability of classes with their respective departments and to also consult departmental noticeboards for changes in time and venue.

### NOTE:
Subjects are listed in alphabetical order NOT departmental order.

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|            |              |             | Wed 1030 1230 19.2001 |
|            |              |             | L/T  
|            |              |             | Wed 1330 1530 19.2001 |
| LANG117     | Introductory German Level 2 | 6 hours lectures, 6 hours tutorials | Tues 1030 1230 19.2099 |
|            |              |             | L/T  
|            |              |             | Tues 1330 1530 19.2099 |
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|            |              |             | Wed 1030 1230 19.2099 |
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|            |              |             | Wed 1330 1530 19.2099 |
|            |              |             | L/T  
|            |              |             | Fri 1030 1230 19.2099 |
|            |              |             | L/T  
|            |              |             | Fri 1330 1530 19.2099 |
| LANG196     | Chinese (Mandarin) Level 1 | 6 hours lectures, 6 hours tutorials | Mon 1330 1730 19.1002 |
|            |              |             | L/T  
|            |              |             | Tues 1330 1730 19.1002 |
|            |              |             | L/T  
|            |              |             | Wed 1330 1730 19.1038 |
| LAW 100     | Law in Society | (3 x 1 hour lectures, 2 x 2 hours tutorials) | Mon 1330 1430 20.5 |
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|            |              |             | Mon 1330 1430 20.5 |
|            |              |             | L  
|            |              |             | Wed 1330 1430 40.131 |
|            |              |             | T G1  
|            |              |             | Mon 1030 1230 19.2100 |
|            |              |             | T G1  
|            |              |             | Wed 1430 1630 19.1056 |
|            |              |             | T G1  
|            |              |             | Wed 1430 1630 19.2002 |
|            |              |             | T G3  
|            |              |             | Mon 1030 1230 19.1002 |
|            |              |             | T G3  
|            |              |             | Tue 1430 1630 19.1001 |
|            |              |             | T G3  
|            |              |             | Thu 1030 1230 19.1038 |
|            |              |             | T G4  
|            |              |             | Wed 1430 1630 19.2002 |
|            |              |             | T G4  
|            |              |             | Fri 1430 1630 19.1056 |
| LAW 210     | Contract Law | (2 x 2 hours lectures, 1 x 2 hours tutorial) | Mon 1530 1730 40.131 |
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|            |              |             | Mon 1530 1730 19.G016 |
|            |              |             | T G1  
|            |              |             | Mon 1030 1230 19.2021 |
|            |              |             | T G2  
|            |              |             | Thu 1330 1530 19.2021 |
|            |              |             | T G3  
|            |              |             | Thu 1530 1730 19.2021 |
|            |              |             | T G4  
|            |              |             | Fri 1330 1530 19.1017 |
| LAW 302     | Law of Business Organisations | (2 x 2 hours lectures, 1 x 2 hours tutorial) | Mon 1530 1730 20.5 |
|            |              |             | L  
|            |              |             | Mon 1530 1730 18.G013 |
|            |              |             | T G1  
|            |              |             | Mon 1330 1530 19.2002 |
|            |              |             | T G2  
|            |              |             | Thu 1530 1730 19.2002 |
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|            |              |             | Fri 1030 1230 19.1038 |
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THEA108  Screen Production A (3/1/94 - 16/2/94)  
(2 x 4 hours studio)  
L  Mon  1830  2130  Bld 25  
L  Wed  1830  2130  Bld 25  

THEA109  Screen Production B (3/1/94 - 17/2/94)  
(2 x 4 hours studio)  
L  Tues  1830  2130  Bld 25  
L  Thur  1830  2130  Bld 25  

VIS101/102  Drawing A & B (3/1/94 - 15/2/94)  
(4 hours studio)  
L  Tues  830  1230  Bld 25  

VIS105/106  Visual Arts A or B (Painting)  
(3/1/94 - 15/2/94)  
(2 x 4 hours studio, 4 hours individual studio)  
L  Mon  1330  1730  Bld 25  
L  Wed  1330  1730  Bld 25  

VIS105/106  Visual Arts A or B (Sculpture)  
(3/1/94 - 15/2/94)  
(2 x 4 hours studio, 4 hours individual studio)  
L  Mon  830  1230  Bld 25  
L  Wed  830  1230  Bld 25  

VIS201/202  Drawing C & D (6/1/94 - 17/2/94)  
(4 hours studio)  
L  Thur  830  1230  Bld 25  

VIS205/206  Visual Arts C or D (Painting)  
(3/1/94 - 15/2/94)  
(2 x 4 hours studio, 4 hours individual studio)  
L  Mon  1330  1730  Bld 25  
L  Wed  1330  1730  Bld 25  

VIS205/206  Visual Arts C or D (Sculpture)  
(3/1/94 - 16/2/94)  
(2 x 4 hours studio, 4 hours individual studio)  
L  Mon  830  1230  Bld 25  
L  Wed  830  1230  Bld 25  

WRIT101  Introduction to Writing  
(3/1/94 - 15/2/94)  
(2 hours lectures, 2 x 4 hours seminars/workshop)  
L  Tues  1000  1200  Bld 60 & 25/119  
S/W  Tues  1400  1600  Bld 60 & 25/119  
S/W  Thur  1000  1200  Bld 60 & 25/119
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SUMMER SESSION 1993/94

Where are you staying?
Come to the University Colleges ....
Weerona
International House
Campus East

Places available from
December 1993 to February 1994

*Fully catered
*All inclusive
*Full living support
*Near to Campus, city, beach

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(042) 284022