Important Note: most of the courses listed under the various "Credit Courses" headings are also available to students as non-credit courses.

SPECIAL NOTE – TEACHERS

The following course is useful for School Teachers; it is suggested that teachers seek assistance from the State Development Committee towards the course fee.

THE PSYCHOLOGY AND PEDAGOGY OF READING AND WRITING

A comprehensive study of recent developments in reading/writing and the accoutrements of literacy. Participants will study and learn about new approaches to:

(i) teaching reading/writing K - 12;
(ii) diagnosing problems in reading/writing;
(iii) designing and implementing developmental and remedial reading/writing programmes.

Duration: One week, beginning 23rd January, 1984
Times: Monday to Friday, 9 - 4
Lecturer: Dr. Cambourne
Fee: $86

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 with in high school Science.

Duration: 2 weeks, beginning 13th February, 1984
Times: Monday to Friday 9.30 - 12.30
Lecturers: Staff of Chemistry Department
Fee: No fee

READING AND WRITING AT UNIVERSITY

Participants will have their reading and writing abilities assessed using diagnostic procedures which are based on recent research into the reading and writing processes. They will then be given some intensive tutorial-workshop experiences designed to help them improve their reading and writing skills. The major focus will be on helping them develop strategies for reading and comprehending tertiary level prose, getting the most out of textbooks, summarising, and writing at the tertiary level, especially essay writing.

Duration: 1 week, beginning 13th February, 1984
Times: Monday to Friday 9.00 - 4.00
Lecturers: Dr. B. Cambourne, Mr. R. Pretty
Fee: $30

SIGN LANGUAGE

Basic sign language and finger spelling. The course is designed to acquaint participants with the basics of sign language and finger spelling which will enable them to translate spoken speech for people with hearing impairments.

(This course is part of a project for improving access to tertiary education in the Illawarra for people with hearing impairments. There is an absence of skilled interpreters in the Illawarra region making it impossible for anyone who wants to undertake tertiary studies to hire an interpreter).

Duration: 6 weeks, beginning 3rd January, 1984
Times: To be advised
Lecturer: G. Hansen
Fee: $15

FIFTH SOUTH COAST SUMMER SCHOOL IN COMPUTING

Note: Available only to Year 11 students.

Introduction to programming fundamentals, implementation of programs in Pascal, use of the Unix operating system, laboratory work and special interest group studies.

Duration: 8 days, beginning 7th December, 1983
Times: All day
Lecturer: Staff of Department of Computing Science
Fee: $15

INTRODUCTION TO ELEMENTARY JAPANESE

This course is open to all students from any field who wish to study Japanese and Japanese thought patterns through studying the structure of the language.

Duration: 6 weeks, beginning 3rd January, 1984
Times: Tuesdays, Wednesdays, Thursdays, 9.30 - 11.30
Lecturer: Ms. Kimiko Morohasi
Fee: $30
first year level

GENE199 AUSTRALIAN STUDIES: WOLLONGONG 1834-1984, ONE HUNDRED AND FIFTY YEARS OF DEVELOPMENT

This course will examine the economic and social development of Wollongong from 1834 to 1984. Its presentation will coincide with the sesquicentenary (150th Anniversary) of the City of Wollongong. Lectures will deal with the early economy which was based on timber, cattle and dairying, the discovery and exploitation of coal reserves and the growth in the twentieth century of manufacturing industries, including the steelworks. Ancillary topics will include aborigines, education and the effects of large scale post-war migration.

Duration: 6 weeks, beginning 3rd January, 1984
Times: Tuesdays 11 - 12, 2 - 4; Thursdays 3 - 6
Coordinators: Dr. W. Mitchell, Mr. J. Shipp
Credit Points: 6
Fee: (See * below)

ECON111 INTRODUCTORY MICROECONOMICS

An introduction to microeconomics and its application to contemporary social and economic problems. Elementary economic theory and the necessary institutional framework will be developed to foster the analysis of such topics as consumer protection, poverty, industry policy, non-renewable resources, education and health care.

Times: Mondays, Tuesdays, Wednesdays, 6 - 8
Lecturer: Mr. P.V. George
Credit Points: 6
Fee: (See * below)

SOC101 SOCIETY AND CULTURE

The course is divided into three parts. The first deals with the individual in society; the second with the key issues in the social structure of Wollongong; the third with social change, incorporating both the individual and structural theories in parts 1 and 2 of the course. Each lecture/tutorial in the course will start with an overview of the empirical information and direct experience of the issue and move to theoretical frameworks which provide for explanation. Each tutorial will be based on limited reading material relevant to the issue.

Times: Wednesdays, Fridays, 9.30 - 12.30
Lecturer: Ms. A. Traynor
Credit Points: 6
Fee: (See * below)

PHIL196 HUMAN RIGHTS

Summary of Content: Issues to do with 'human rights' are emerging as issues of major importance in both domestic and international politics. This subject has three objectives. First, to introduce students to theoretical issues to do with human rights, and the great philosophical debates on the subject; second, to present an overview of the history of human rights from an international perspective; thirdly, to develop an awareness in students of the issues of human rights and the possibility of action that arises from an understanding of these issues.

Times: Mondays, Wednesdays, 6.30 - 9.30
Lecturer: Mr. G. Pickett
Credit Points: 4
Fee: (See * below)

ECON303 ECONOMIC DEVELOPMENT ISSUES

This course, firstly, discusses general issues and problems of economic development, especially but not exclusively with reference to less developed countries. Secondly, it examines how ideas/concepts develop from issues and problems and how and when ideas and concepts are formulated into theories and/or practical policies. Thirdly, some policy issues to development are considered.

Duration: 6 weeks beginning 4th January, 1984
Times: Wednesdays, Fridays, 1.30 - 4.30
Lecturer: Dr. S. Ali
Credit Points: 8
Fee: (See * below)

second year level

EUR0174 INTRODUCTORY LATIN

This is an introductory course designed for students who have had little or no experience with classical languages. It will focus on a rapid coverage of the basic grammar of Latin. There will be a brief outline of Roman civilization and of the development of the Latin language and its literature. At the end of the course successful students should have acquired a knowledge of the elements of the language.

Duration: 6 weeks, beginning 3rd January, 1984
Times: To be advised
Lecturer: To be advised
Credit Points: 3
Fees: (See * below)

AAPA118 THE PERFORMING ARTS – PRODUCTION TECHNIQUES A

Performing Arts organisations in Australia and their structures. Funding bodies. Theatre personnel and their functions. Bringing a performing arts work to performance. A course for directors, designers, performers, stage managers, administrators and anyone interested in professional, amateur, or schools performing arts.

Duration: 6 weeks, beginning 7th January, 1984
Times: Saturdays, 9.30 - 12.30; 2 - 5
Lecturer: Mr. G. Stonehouse
Credit Points: 4
Fees: (See * below)

AAPA119 STAGE MANAGEMENT – PRODUCTION TECHNIQUES B

Stage management including props, sets and wardrobe. Sound reinforcement and sound playback. Lighting theory, lanterns, colour mixing, lighting design. A practical course for stage managers, technicians, performers, directors and anyone interested in the performing arts.

Duration: 6 weeks, beginning 5th January, 1984
Times: Thursdays, Fridays, 6.30 - 9.30
Lecturer: Mr. G. Stonehouse
Credit Points: 4
Fees: (See * below)

AAPA140 FILM AND TELEVISION PRODUCTION I

Film and television terminology. Instruction and practice in using basic film and video equipment. Filming and sound recording techniques. Basic theory of planning and execution of film and video production. Production, in groups, of a film or videotape.

Duration: 6 weeks, beginning 4th January, 1984
Times: Mondays, Wednesdays, 6.30 - 9.30
Lecturer: Mr. G. Pickett
Credit Points: 4
Fees: (See * below)

third year level

CIVL434 HYDRAULICS 4


Pre-requisite: CIVL334 Hydraulics 3 for students enrolled at the University, or working in Hydraulics Engineering for other organisations.

CIVL486 THE CIVIL ENGINEER AND THE ENVIRONMENT

Economic and social evaluation of engineering projects. The interdependence of the roles of the Civil Engineer and Architect, with their responsibilities to the community. Problems of development and use of resources. Excess waste material. Air pollution, water pollution and noise. Case studies of Civil Engineering Works e.g. freeway construction, irrigation vs. flood mitigation, development of unstable area.

Duration: 6 weeks, beginning 3rd January, 1984
Times: Tuesdays, Thursdays, 3.30 - 6.30
Lecturer: Mr. P. Loveday
Credit Points: 6
Fee: (See * below)
students will be introduced to some of the major documents from the United Nations, and international covenants which Australia has signed, on the subject of human rights. Third, students will be introduced to contemporary Australian legislation on human rights issues (e.g. anti-discrimination legislation) and consider its implications. The work of the recently established Australian Human Rights Commission, and the question of whether Australia should have a 'Bill of Rights', will also be examined.

**HPS140 REVOLUTIONS IN SCIENCE**

This subject, intended primarily for science, engineering and mathematics students, provides an introduction to the development of science. The subject will be taught through a series of historical case studies of major theoretical changes and revolutions. These will be selected from:

(a) The Galilean revolution in physics;
(b) The Chemical revolution of the 18th Century;
(c) The Biological revolution (Darwin, Mendel, Watson and Crick);
(d) The Einsteinian revolution;
(e) The 'Continental Drift' revolution in Geology;
(f) The Keynesian revolution.

Intellectual, philosophical, religious, social and political factors in scientific revolutions will be discussed.

Duration: 6 weeks, beginning 3rd January, 1984
Times: Tuesdays, Thursdays, 1.30 - 4.30
Lecturer: To be advised
Credit Points: 6
Fees: (See * below)

**EURO175 INTRODUCTORY GERMAN**

This is a six week course for beginners or near-beginners and is designed to provide an introduction to the German language. While the emphasis is on the communicative function, a solid grammatical basis will also be given. By the end of the course students should be able to communicate in German in a limited number of situations and to read and write simple German.

The course should be of general interest but may be particularly useful for those requiring German for:

(a) professional (especially scientific) reasons
(b) travel to Europe (especially in Germany, Austria, Switzerland, Luxembourg, Liechtenstein and Eastern Europe)
(c) musical studies.

Duration: 6 weeks, beginning 4th January, 1984
Times: Mondays, Wednesdays, Fridays, 4 - 6
Lecturer: Ms. J. Morris
Credit Points: 3
Fees: (See * below)

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**AAPA240 FILM AND TELEVISION PRODUCTION II**

Advanced instruction and practice in using film and video equipment; practical exercises; develop further skills in production planning; participate in the production of a film or videotape: develop further skills in editing and laying sound tracks and other areas of post production; experimentation.

Pre-requisite: AAPA140
Duration: 6 weeks, beginning 3rd January, 1984
Times: Tuesdays, Thursdays, 6.30 - 9.30
Lecturer: Mr. G. Pickett
Credit Points: 4
Fees: (See * below)

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**CREDIT COURSE**

**second year level**

**HPS228 COMPUTERS IN SOCIETY**

This course examines the development, role and implications of computers in contemporary and future society. Issues to be examined include the history of computing, the development of computers through machining, 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.

Pre-requisites: Any 100 level subject
Duration: 6 weeks, beginning 3rd January, 1984
Times: Tuesdays, Thursdays 9.30 - 12.30
Lecturer: Mr. G. Price
Credit Points: 8
Fees: (See * below)

*Fees are not payable for these subjects if they are to be counted towards a degree or diploma at the University of Wollongong. For students not taking these subjects for credit, the fee will be $30.

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**CREDIT COURSES**

**postgraduate level**

The following are two subjects normally offered as part of the Diploma in Coal Geology course and the Master of Science in Coal Geology course.

**GEOL987 COAL UTILIZATION**

Preparation, grindability, washing, liberation, gasification, pyrolysis, solvent extraction, hydrogenation, carbonization, mesophase, coke structure, coke strength, combustion, ash properties.

This course covers aspects of the preparation of coal for use in industry e.g. blast furnaces, electricity generation, liquid hydrocarbons.

Duration: 2 weeks, beginning 9th January, 1984
Times: Monday to Saturday 9 - 5
Lecturers: Dr. Jones, Dr. Hutton, Professor Cook
Credit Points: 6
Fee: $175 for students not enrolled in the Diploma or Masters courses.

**GEOL988 ENVIRONMENTAL ASPECTS**

Pollution, dusts, gas emissions, reclamation, mine subsidence, waste products, environmental impacts, alienation of resources and conflicts of interest.

The relationship of mining operations to communities, downstream pollution problems, mineralogical composition and types of associated dusts, the composition of mine waters and stack emissions, the reclamation of minesites, the effects of mine subsidence, the composition, uses and disposal of waste residues, environmental impact studies. Alienation of resources and conflicts of interest will be studied within the overall framework of coal mining and utilization.

Duration: 2 weeks, beginning 9th January, 1984
Times: Monday to Saturday 9 - 5
Lecturers: Dr. Jones, Dr. Hutton, Professor Cook
Credit Points: 6
Fee: $175 for students not enrolled in the Diploma or Masters courses.
WILL THE COURSES BE RUN?

All of the courses will be conducted on the University campus using facilities and equipment that are normally available to students throughout the year.

WHAT WILL IT COST?

- All participants in the Summer Session will be required to pay a fee of $5.00 for Associate Membership of the University Union. This fee will allow participants complete access to the Union's facilities including cafeteria, bistro, bar, squash courts and other facilities. Students who were enrolled at the University of Wollongong in 1983 will be exempted from this fee.
- Fees are payable for non-credit courses. Details of the amounts payable for these courses are listed at the end of the descriptions for each course.
- No fees are payable for the credit courses if they are being undertaken as part of a degree programme.
- Refunds of fees paid can not be made after the beginning of the Summer Session (i.e. after January 3rd, 1984).

HOW TO ENROL

An enrolment form is included in this pamphlet. Please fill in the information required and forward it to:

The Summer Session Organiser,
The University of Wollongong,
P.O. Box 1144,
Wollongong, N.S.W. 2500.

no later than the 30th November, 1983. You are not required to send any money with this form; you will be advised later of the amount you will be required to pay for the courses you have selected.

Priority will be given to those who have applied by this date. Late applications will be considered if places are available.

WHERE TO STAY

Accommodation is available at International House, the University's Residential College. Please complete section 3 on the enrolment form if you will require accommodation.

Rates per person range from $20 per night for bed and breakfast and $54 per week. Half rates apply to children 14 and under.

Accommodation is also available at the many hotels, motels and camping areas in the Wollongong area.

PLEASE NOTE

At the time of preparation of this leaflet it is the intention of the University that all the courses listed will be available in the 1984 Summer Session. However, the University reserves the right to withdraw any of the courses if the number of applicants seeking to undertake particular courses is not sufficient or for any other reason.

1. List below, in order of preference, the course(s) that you would like to enrol in: (Note: for credit courses, a maximum total of 14 credit points applies for the Summer Session)
   (i) 
   (ii) 
   (iii) 
   (iv) 
   (v) 

2. If you have listed a credit course above and you wish to count this subject towards a degree or diploma, please provide the following information:
   * Are you currently enrolled or have you ever been enrolled at the University of Wollongong? Yes [ ] No [ ]
   * Course: [ ]
   * Student Number: [ ]
   * Are you currently enrolled at another tertiary institution? Yes [ ] No [ ]
   * Name of Institution: [ ]
   * Course: [ ]
   * Your educational qualifications (if not enrolled at the University of Wollongong): [ ]

3. Will you require accommodation at International House? Yes [ ] No [ ]

If yes, number of people: [ ] Adults [ ] Children [ ]
number of nights [ ]
expected dates [ ]

PLEASE RETURN THIS FORM TO:
The Summer Session Organiser,
The University of Wollongong,
P.O. Box 1144,
Wollongong, N.S.W. 2500.

by 30th November, 1983, if possible.