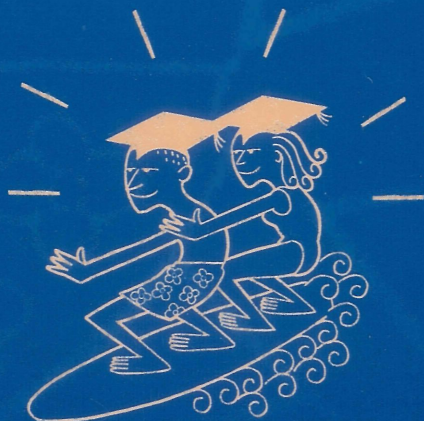


Catch the next wave



The Sydney Summer School

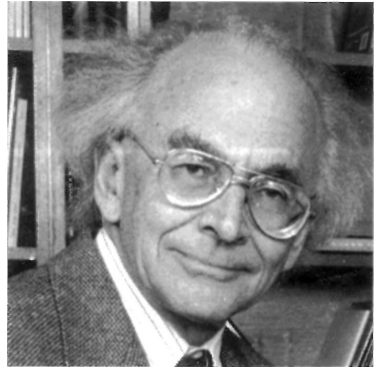
4 January to 19 February, 1999
Information Brochure



The University of Sydney

**I am pleased to present the Information
Brochure for The Sydney Summer School
4 January to 19 February 1999.**

The 1999 program is the second part of a two-year pilot program and builds on the successful program of 1998. For the 1999 Summer School, there are 90 Units of Study offered by departments from seven of the University's faculties. This is a considerable increase in both breadth and depth over our first pilot program, and the response to the early notice given for the 1999 school indicates that it will be well attended.



In addition to Units of Study offered for credit at the Summer School you will also find in this brochure some information about other programs held during the summer period at the University of Sydney.

We encourage students from the University of Sydney and other universities, and school leavers with an HSC, to consider studying at The Sydney Summer School and become part of a growing and enthusiastic summer school community. Studying at Summer School is hard work but we know that the intensive teaching/learning mode of study proved very popular with both staff and students involved in the 1998 program.

In this brochure you will find both the general rules under which the Summer School operates and also how to obtain an Enrolment Application Form. Before enrolling please read the detailed information on units being offered, in conjunction with the General Information at the front of the Brochure.

Enrolment opens on 12 October 1998. If you are interested in any Unit with a low limit on numbers, please consider enrolling early. Summer School staff will be available to assist you with enrolment enquiries.

Along with the staff responsible for organising and presenting the Summer School program I look forward to welcoming you next January. If in the meantime you need further information or have queries about the Summer School, please contact the Summer School Office using the contact details below.

telephone: +61 2 9351 5542/5543
facsimile: +61 2 9351 5888
email: sschool@mail.usyd.edu.au

Dr John Mack
Academic Director

TABLE OF CONTENTS

1.	<i>General Information</i>	page	2
2.	<i>Faculty of Arts, Undergraduate Units of Study</i>		10
3.	<i>Faculty of Arts, Postgraduate Units of Study</i>		23
4.	<i>Faculty of Economics</i>		26
5.	<i>Faculty of Health Sciences</i>		40
6.	<i>Faculty of Law</i>		44
7.	<i>Faculty of Medicine</i>		48
8.	<i>Orange Agricultural College</i>		52
9.	<i>Faculty of Science</i>		54
10.	<i>What else is on?</i>		66
11.	<i>Map of the Campus</i>	<i>inside back cover</i>	

GENERAL INFORMATION

The Sydney Summer School is a program of intensive study running from 4 January to 19 February 1999. Many faculties across the University will offer units of study at undergraduate level, with some postgraduate units from the Faculty of Arts also available. Summer School provides an opportunity for students at Sydney and other universities to catch up on needed units of study, to accelerate completion of a course or to undertake a unit that may not fit into their usual program of study. A selection of units is also available on an audit basis; that is, students attend lectures and tutorials but undertake no assessment and pay a reduced fee.

Note: The University reserves the right to withdraw units of study from the Summer School program

DURATION

The great majority of units in the Summer School will run for the duration of the program, that is, six weeks of teaching, with the seventh week (15-19 February) set aside for assessment purposes. Please note, however, that some units of study will run for a shorter period and are very intensive in nature - their differing schedules are detailed in the information about individual units of study. Summer School Results Notices will be available to students on Friday 26 February.

ELIGIBILITY TO ENROL

Summer School is primarily directed towards currently or recently enrolled students at Sydney or other universities in Australia and overseas who are seeking a unit of study to count towards a tertiary award. Others with an appropriate educational background may also apply to enrol - for more information, see the section on 'Admission requirements'. Please note that most units have a limit on enrolment numbers so it is important to enrol early.

STUDY LOAD

A normal full-time semester of study comprises 24 credit points, usually made up of 3, 4, 6, 8 or 12 credit point units of study. The intensive mode in which Summer School units will be presented and studied will require a substantial commitment of time and effort both inside and outside of the classroom. For this reason, students may undertake no more than 16 credit points in the Summer School. There is no set minimum number of credit points.

How TO ENROL

If, after reading this brochure, you wish to receive an Enrolment Application Form, please provide your name and postal address details to the Summer School Office by phone, fax or email (our details are listed below), and a copy will be sent out to you. Copies of the Enrolment Application Form will also be available for collection from the Student Centre Enquiry Counter in Carslaw Building (F07) on Eastern Avenue at the University of Sydney. If you have already completed and returned a provisional

enrolment form, then you will have been sent a copy of this Information Brochure and will also be sent, by the end of September, a copy of the Enrolment Application Form. Refer to the 'Admission Requirements' and 'Completing Course Requirements' sections before deciding which units to enrol in.

Formal enrolment opens at **11 am on 12 October at the Student Centre Enquiry Counter, Level 1, Carslaw Building (F07)** at the University of Sydney.

To enrol in the Summer School, please submit a completed Enrolment Application Form and appropriate payment for fees (and any other charges - see below under 'Fees and other charges') by **Friday 4 December** either in person or by mail (please see our location and contact details below). If places remain available it will be possible to enrol up to 23 December. Faculties do, however, reserve the right to withdraw Units of Study which are under-subscribed.

Please note that if you wish to study Summer School Units with an overseas component (ARCL2001 / ITLN2101), you must enrol and pay by 30 October 1998.

VERY LATE ENROLMENTS

The University will be closed between 24 December and 3 January 1999. If you find you need to make a late enrolment between these dates you should telephone and leave full contact details. You may also fax an application, but will need to telephone to let us know that you have done so. The Summer School Staff will contact you to arrange a late enrolment if the unit of study you have chosen is still available. Please note that the University cannot guarantee that you will be enrolled through the late enrolment process. Final confirmation one way or another will only be available on Monday 4 January 1999 and at the discretion of the Summer School Director. If successful, you will need to formally enrol in person on 4 January 1999. Again we must emphasise that application for Summer School places must be made as early as possible and preferably before 4 December 1998. In cases of very high demand, departments need to be able to appoint additional staff in order to accommodate as many students as possible.

In-person applications to enrol may be made on the first three days of the Summer School (4, 5 and 6 January) at the Summer School Enquiry Counter. Their acceptance will be at the discretion of the Summer School Director and subject to availability.

CONTACT DETAILS AND ENROLMENT LOCATIONS

<i>PHONE:</i>	9351 5542, 9351 5543
<i>FACSIMILE:</i>	9351 5888
<i>EMAIL:</i>	sschool@mail.usyd.edu.au
<i>POSTAL ADDRESS:</i>	P0 Box 837, BROADWAY NSW 2007
<i>WEBSITE:</i>	http://www.usyd.edu.au/su/summerschool/

AFTER 12 OCTOBER 1998

IN-PERSON ENQUIRIES & ENROLMENTS MAY BE MADE AT:

Student Centre, Carslaw Building, Eastern Avenue

Monday to Friday, 11am to 4pm

OR, ring us to make an appointment if you cannot make those times

21/22/23 DECEMBER 1998 & 4/5/6 JANUARY 1999

IN-PERSON ENQUIRIES & ENROLMENTS MAY BE MADE AT:

Student Centre, Carslaw Building, Eastern Avenue

Monday to Wednesday, 9am to 5pm

Note: Each Faculty offering Summer School units will be asked to decide in early December whether or not to proceed with each of its units of study. This decision will be based to a large extent on the number of enrolments received by 4 December.

FEES AND OTHER CHARGES

FOR SUMMER SCHOOL ENROLMENT

All Summer School units of study are offered on a full-fee paying basis. The cost of each unit has been determined according to its credit point value and subject area and is based on the fees for a full-fee paying local student. Those not currently enrolled in an Australian University will also be charged the appropriate student organisation membership fees (approx \$143 for undergraduates and \$95 for postgraduates). Enrolling students who completed the Higher School Certificate in 1998 will not be charged these student organisation membership fees. Some units may also involve additional charges related to travel and other expenses.

All fees and charges are detailed in the course entries listed in this brochure. Enrolment is subject to full payment of fees and may be suspended in the event of invalid cheque or credit card payments.

FEE-WAIVER SCHOLARSHIPS

Some fee-waiver scholarships will be available in the Summer School. The eligibility criteria will be similar to those of the University's Broadway Admission Scheme. Generally you will need to provide evidence of long-term educational disadvantage based on two criteria, one of which should be financial hardship, to be eligible for consideration for a partial or full fee-waiver. Applications should be made in writing to Dr John Mack, Academic Director, The Sydney Summer School, c/o Carslaw Building, F07, The University of Sydney, NSW 2006, and should include any relevant documentation.

REFUND POLICY

1. In the event that a Summer School unit of study is cancelled, students will receive a 100% refund of tuition fees and compulsory subscriptions. The relevant Faculty will make a decision about cancellation of a particular unit as early as possible.
2. Students who withdraw from a Summer School unit of study prior to noon on 23 December will receive a full refund of fees paid.
3. Students who withdraw prior to noon on 4 January will receive a 90% refund of tuition fees and a 100% refund of compulsory subscriptions.
4. Students who withdraw from a unit of study prior to noon on 8 January will receive a 50% refund of tuition fees and a 100% refund of compulsory subscriptions.
5. There will be no penalty if a student changes between units of study in the Summer School before noon on 8 January, providing the credit point values of the respective units are the same. After this date, no change of enrolment will be permitted.
6. Students who change from a unit of study with a greater credit point value to one with a lesser credit point value between the start of Summer School classes and before noon on 8 January will receive a 50% refund of the tuition fee difference between the two units of study.
7. Students who withdraw from a Summer School course after noon on 8 January will receive no refund, except at the discretion of the Summer School Director.

CREDITING A SUMMER SCHOOL

UNIT OF STUDY TOWARDS AN AWARD COURSE

1. *Crediting a Summer School Unit of Study towards an Award Course at the University of Sydney*

If you successfully complete a unit of study in the Summer School, you will receive an official result notice indicating the Unit of Study code, the name of the unit and the mark and grade received. If you are a University of Sydney student, you will be asked at the time of enrolment whether or not you wish to credit this unit towards your academic record (if you successfully complete it). The Summer School Office will administer the transfer of this credit if you answer 'yes'. If you answer 'no' to this question and subsequently decide that you do want to credit the unit, you may do so independently by application to the appropriate Faculty.

2. *Crediting a Summer School Unit of Study towards an Award Course at another institution*

If you wish to credit a Summer School unit towards an award course at another institution, it is your responsibility to obtain advice from your home institution, in writing, that they will credit the unit (and at what value). You are strongly advised to obtain this information **prior** to enrolling for the unit.

3. *School Leavers crediting a Summer School Unit of Study towards an Award Course at the University of Sydney*

Applicants accepted into a Summer School Unit of Study on the basis of having completed the HSC but not yet enrolled here or in any other university, and who are offered a place at the University of Sydney into any course for which credit for a particular Summer School unit may normally be granted, will be able to apply for credit for that unit towards their course completion requirements, upon the successful completion of the unit. Time constraints for the award of this credit may apply. In general students in this category will be restricted to one unit of study at Summer School. Please also bear in mind that if by taking a Summer School unit of study your study load at university is reduced, this may have an effect on your eligibility for Austudy. Note that the successful completion of a unit of study in the Summer School is not an offer of admission to the University. Students must proceed through the normal avenues to gain admission.

4. *Auditing a Summer School Unit of Study*

If you audit a Unit of Study at the Summer School, you will receive a certificate of participation from The University of Sydney. Audit units may not be credited to degree programs at the University of Sydney.

ADMISSION REQUIREMENTS

FOR ENROLMENT INTO A UNIT OF STUDY

First-year level undergraduate units are normally available to any currently or recently enrolled tertiary student, or to others whose educational qualifications would qualify them for admission into a generalist degree program. Some junior level units are also open to School Leavers with an HSC. For details see the faculty-specific information below. Where an 'assumed knowledge' condition is given, it means that this level of background knowledge is known to facilitate understanding of the study material, which may be difficult to assimilate without that knowledge. If you do not have this assumed level of background knowledge, it is highly recommended that you consult the nominated contact person for that unit or department **BEFORE** enrolling.

Most **higher-year** level undergraduate units require completion of some previous units of study in the field, and/or some specific pre-requisites. (For example, ECON 2001 and 2002 require prior completion of certain first-year level units in Economics, or their equivalent from an acceptable tertiary institution.) In general, there is more flexibility with regard to prerequisites in the Summer School, and in some cases students without the prerequisite may apply to the Head of Department for permission to enrol. However, please note that course completion rules may require successful completion of specific Units of Study to fulfill degree requirements. **If such a Unit has been waived as a prerequisite for enrolment in a particular**

Summer School unit by the department concerned, such a waiver may not apply at the faculty course rules level. You may have to complete any such Unit in order to qualify for your degree. Please consult the faculty concerned if you are unsure about course completion rules.

The **postgraduate units** of study offered by Arts generally require applicants to be eligible to enrol in a postgraduate award offered by the Faculty, for example by having completed a bachelor's degree.

References to specific pre-requisites are best checked by contacting the nominated departmental contact person.

COMPLETING COURSE REQUIREMENTS THROUGH SUMMER SCHOOL STUDY

Your Enrolment Application Form will ask you to indicate whether you expect to complete all your course (i.e. degree) requirements if you pass the units you are enrolling in at the Summer School. If you do, then you will be eligible to graduate in 1999 and you will be given an indication of the likely date of your graduation ceremony. *No arrangements should be made regarding your graduation until your results are known and the date for your ceremony has been confirmed.*

ACCOMMODATION DURING THE SUMMER SCHOOL PERIOD

For general information about accommodation, contact the University Accommodation Service, Level 7, Education Building A35, Tel: 9351 3312, Fax: 9351 8262. On-campus accommodation will be available during the summer period through the residential colleges whose contact details are listed below. For more information, please contact the colleges directly or consult their websites.

St Andrew's College

19 Carillon Ave

NEWTOWN 2042

Telephone 9565 7300

Facsimile 9565 7310

email: wporges@mail.usyd.edu.au

Homepage: <http://www.usyd.edu.au/su/colleges/andrews/>

St John's College

8A Missenden Road

CAMPERDOWN NSW 2050

Telephone (02) 9394 5200

Facsimile (02) 9550 6303

email: mmcmahon@mail.usyd.edu.au

Homepage: <http://hector.stjohns.usyd.edu.au/stjohns/>

International House

96 City Road, Chippendale NSW

Telephone: +61 2 9950 9800

Facsimile: +61 2 9950 9804

email: ihoffice@mail.usyd.edu.au

Homepage: <http://www.usyd.edu.au/su/int-house/>

Mandelbaum House

385 Abercrombie St

DARLINGTON NSW 2008

Telephone 9692 5200

Facsimile 9692 5280

email gduery@extro.ucc.su.oz.au

Mandelbaum House is the newest residential college at the University of Sydney, located near the Wentworth Building and the Noel Martin Recreation Sporting Complex. The college offers accommodation to both female and male students attending the University of Sydney Summer School. Bed & Breakfast from 6/12/98-17/1/99: \$160 per week. Full board resumes 18/1/99: \$240 per week.

Sancta Sophia College

8 Missenden Road

CAMPERDOWN NSW 2050

Telephone: 9577 2100/2333

Fax: 9577 2388

email: sancta@mail.usyd.edu.au

homepage: <http://www.usyd.edu.au/su/colleges/sancta/>

Sancta Sophia College provides accommodation for female students attending the University of Sydney Summer School. Full board costs \$250 per week in single rooms with telephones. The College is only a short walk from the Main Campus and is close to transport to the city. Student visitors have access to the College's library, computer room, tennis court and garden.

Wesley College

Telephone: 9565 3333

Facsimile: 9516 3829

email: admin@wesley.usyd.edu.au

Homepage: <http://www.wesley.usyd.edu.au>

Wesley College offers casual and extended accommodation for both male and female students attending the University of Sydney Summer School. The full board option for a student attending the whole of the Summer School is at \$250 per week. Wesley College is located right in the heart of the main campus and offers a full range of computing, telephone and library facilities.

Women's College (for women and men)

15 Carillon Avenue, Newtown

Telephone 9351 4548, 9517 5000

Facsimile 9517 5006

email: office@womensco.usyd.edu.au

Homepage - www.usyd.edu.au/su/womens/

The Women's College is able to offer accommodation for both male and female students attending the University of Sydney Summer School. Discounted rates are available where the length of stay is longer than 2 weeks. Women's College is a unique accommodation experience in the bustling city of Sydney. * Quiet location * Extensive gardens * Close to all amenities * 15 minutes from CBD, well serviced by public transport * Use of resource centres, sporting facilities etc. * All meals available * Coin-op laundry * Shared bathroom facilities *

INTERNATIONAL STUDENTS - VISA REQUIREMENTS

We have received advice from the Department of Immigration that international students taking part in the Sydney Summer School may do so on a Visitor Visa provided that the combined length of any studies they undertake in Australia is not more than three months and the conditions of their visa do not prohibit them from engaging in any studies or training.

PARKING ON CAMPUS

Casual parking will be available on campus during the summer school period on a first come, first served basis. Last year's rate was \$7.00 per day, the rate for 1999 is currently under review.

STUDENT SERVICES

AND THE UNIVERSITY OF SYDNEY UNION

Student services such as the library, sporting facilities and childcare will be available over the summer period. The University of Sydney Union will operate during the Summer School period and will provide a range of catering and retail services along with other facilities including copying services. More detailed information about these will be available closer to the commencement of the Summer School.

RALPH'S CAFE AT THE WOMEN'S SPORTS CENTRE

Western Avenue, Mon-Fri 7am to 8pm, Sat 8am to 4pm

Specialising in espresso coffee, delicious foccaccias and sandwiches, huge variety of homemade fillings, freshly squeezed juices, continental biscuits, pide bread, lebanese rolls. Catering available.

*Receive a free coffee if you present this coupon at Ralph's Cafe
between January 4 and February 19, 1999 (one coffee per customer)*

FACULTY OF ARTS

Both undergraduate and postgraduate level units of study are on offer from the Faculty of Arts, the levels of particular units are indicated below.

Auditing a Unit of Study

All units on offer may be audited for 75% of the tuition fee, with the exception of Introductory French 1 and 2.

Applying to enrol as a School Leaver with an HSC

Students who have completed the HSC but have not yet received a tertiary offer of admission may be permitted to enrol in junior Arts units for credit, but need to check with the Faculty Office in the first instance. Some units may not be acceptable; for example, a student completing *ECMT1013 Econometrics 1A* would not gain credit toward the BA. These students must confirm with the Faculty Office that credit will be given *before* undertaking a Summer School unit of study, and obtain this advice in writing so that if they enrol in the following academic year they can submit this with their application for credit. Note that the successful completion of a unit of study in the Summer School is not an offer of admission to the University. Students must proceed through the normal avenues to gain admission.

Prerequisites and Assumed Knowledge

Any prerequisites or assumed knowledge for a given unit of study are listed below. If no specific prerequisites are mentioned, then none apply for that particular course. For further details about admission requirements in the Summer School, please see the general information at the front of this brochure.

Important Note

Please ensure that you read the 'General Information' section at the front of this booklet in conjunction with this information and that about individual units of study. Refer to the 'Admission Requirements' and 'Completing Course Requirements' sections below before deciding which units to enrol in, particularly if you are undertaking Summer School units with the intention of completing all course requirements and thus being eligible to graduate in 1999.

UNDERGRADUATE UNITS OF STUDY

DEPARTMENT OF ANTHROPOLOGY

ANTH1002 Introduction to Anthropology

6 credit points, Undergraduate, **Fee:** \$1320

Food, Self and Society: Food is not merely what we eat, but also something we use to think about ourselves: who we are and our relationship with others. If we are indeed what we eat, then it is not surprising that people have strong attachments to their cuisine and conversely, an aversion to the foodways of others, including their table manners. This simple-minded discrimination of self through food is, however, becoming increasingly more complex these days. In any city, food has become internationalised. Fast food like McDonalds now competes with ethnic foods brought by diaspora communities from all over the world. With this rich offering, how do people use food as a principal metaphor to think about themselves? This is one theme which will occupy us in the lectures and tutorials. A second theme builds on this beginning to investigate how food is used through its exchange to create society. Throughout the Pacific, much of what we classify as food, is not eaten but exchanged for political purposes, to create social bonds of all sorts, and for a myriad of symbolic purposes. Sociality created through the exchange of food may override other social structures. Thus, food is a way to explore self and society.

Assessment: 2 x 1,500 word essays and exam

Contact hours: 3 hrs lectures, 1 hr tutorials per week

Proposed Lecturer/s: S Yao and D Feil

Departmental Contact: Daryl Feil, 9351 6682

Daryl.Feil@anthropology.usyd.edu.au, Room S153, Main Quad, A14

SCHOOL OF ARCHAEOLOGY, CLASSICS AND ANCIENT HISTORY

ARCL2001 The World of Classical Athens

8 credit points, Undergraduate, **Fee:** \$1760 tuition plus travel and other costs. Estimated costs (including tuition) are \$4,970 or \$4,600 for audit students. This includes all transfer, travel and accommodation twin share but not meals which will be negotiated as appropriate. For more details about costs please contact the department on 9351 6394.

Note: Enrolments and payments for this Unit will close on **30 October 1998**. There will be a cancellation fee of \$150 per person imposed by the airline for cancellations that take place after 16 October 1998.

This course will be taught intensively over a three-week period in Athens (**runs from 10-31 January 1999, with a briefing meeting at the University of Sydney on 12 December**), using the facilities of the Australian Archaeological Institute. The course is an in-depth examination of Athens and its surrounding countryside in the

sixth and fifth centuries BC, arguably the period of the city's highest achievement, and certainly one which revolutionised the development and direction of western culture in general. It will be based on the material remains of the period, principally the architecture, sculpture and pottery, in conjunction with a detailed study of the topography which will give participants a clear grasp of the size and physical shape of the city.

The key elements of the course will be informed visits to the principal sites of Athens and Attica, including, in Athens, the Acropolis, the Agora, the Theatre of Dionysos and the Kerameikos, and then sites such as Eleusis, Sounion, Thorikos, Rhamnous and Brauron as well as the major museums both in Athens and in Attica. It is anticipated that local experts will also introduce their own work at these sites. Inasmuch as Athens had increasing external influence during this period, there will also be excursions to important sites such as Delphi, Olympia and Delos (with the Mykonos Museum) to examine Athenian material in those contexts.

Prerequisite: ARCL1001 plus 6 junior credit points in Archaeology, Classical Civilisation or Ancient History or, for auditors, a demonstrated interest in the subject

Assessment: Oral presentation, written version of oral presentation and 3000 word essay

Contact hours: Full-time 5 days per week

Proposed Lecturer/s: Professor Richard Green

Departmental Contact: Professor Richard Green, 9351 2759

Richard.Green@antiquity.usyd.edu.au, Room S454, Main Quad, A14

ARPH1001 Introduction to Archaeology

6 credit points, Undergraduate, **Fee:** \$1320

Archaeology is the only study of the human past which is primarily about what people did rather than what they said. This Unit of Study is about the art and science of archaeology, its great discoveries, its methods and theory, and about humanity's four million years of existence. The Unit offers a world-wide perspective on archaeology and the opportunity to study specific regional topics of your choice.

Textbooks: C. Renfrew and P. Bahn. *Archaeology: Theory and Method*

Assessment: 3 exercises; 2 (1000-1500 word) essays; 2hr exam

Contact hours: 3.5 hrs lectures, 1.6 hrs tutorials per week, field trip 1.3 hrs

Proposed Lecturer/s: Ian Johnson, Alison Betts, Judy Field, Richard Fullager, Roland Fletcher, Andrew Wilson, Helen Nicholson

Departmental Contact: Helen Nicholson, Andrew Wilson, 9351 3142

Wilson@acl.archaeology.usyd.edu.au, Archaeology Department, Main Quad, A14

DEPARTMENT OF ART HISTORY AND THEORY

ARHT2020 Themes in European Art

8 credit points, Undergraduate, **Fee:** \$1760

Runs from 4 Jan - 3 Feb (19 Jan, all day conference)

This course takes advantage of the major Paul Cezanne show at the AGNSW in January and February 1999. Lectures and tutorials will be conducted at the Gallery by University staff and international experts on Cezanne. The course will examine Cezanne's work in relation to the artistic, literary, political and philosophical milieu of 19th century France. Students will be expected to attend a one-day conference at the Gallery. This course represents a unique opportunity to study this influential artist in the presence of his work guided by world experts in the field.

Prerequisite: ARHT1001 and ARHT1002

Assessment: One tutorial paper of 1000 words, one 1000 word conference report and one 3000 word essay

Contact hours: 4 hrs of lectures and 2 hrs of tutorials per week, 1 x 6hr conference

Proposed Lecturer/s: Professor Virginia Spate (coordinator); Dr Bruce Adams and guest lecturers at the AGNSW

Departmental Contact: Julian Pefanis/Virginia Spate, 9351 3566
julian@arthist.usyd.edu.au, Room 307, Mills Building, A26

ARHT2021 Modernism

8 credit points, Undergraduate, **Fee:** \$1760

Examines the origins of modernism and its evolution between the world wars. The course focuses on Dada and Surrealism and their relation to Socialist realism, culture critique and contemporary theoretical debates.

Prerequisite: ARHT1001/ARHT1002

Assessment: One tutorial presentation, one 1000 word essay and one 4000 word essay

Contact hours: 2 hrs of lectures, 2 hrs of tutorials, 2 hrs of seminars per week

Proposed Lecturer/s: Dr Julian Pefanis (coordinator), Ms Carmen Zurl, Mr Nicholas Strobbe

Departmental Contact: Julian Pefanis, 9351 3566
julian@arthist.usyd.edu.au, Room 307, Mills Building, A26

SCHOOL OF ASIAN STUDIES

ASNS1101 Introduction to Chinese Civilisation

6 credit points, Undergraduate, **Fee:** \$1320

A broad-ranging, chronologically-arranged introduction to Chinese civilisation from prehistory to recent times. Readings will include representative philosophical, literary and religious works in English translation. Social science perspectives will be introduced through lectures/tutorial readings in such areas as social history, kinship structure, modern change, etc. This Unit of Study will provide a foundation for more advanced work in Chinese studies.

Textbooks: Conrad Schirokauer, *A Brief History of Chinese Civilization*. New York: Harcourt Brace Jovanovich, 1991; Cyril Birch, comp., *Anthology of Chinese Literature*. Vol 1 New York: Grove Press, 1965; W. T. de Bary et al., comps., *Sources of Chinese*

Tradition. Vols. 1 and 2. New York: Columbia University Press, 1960. Supplementary anthology of readings for class discussion: Jacques Gernet, *A History of Chinese Civilization*. Cambridge: Cambridge University Press, 1982 (recommended alternative to Schirokauer).

Assessment: Two 2000 word essays; tutorial attendance and participation

Contact hours: 3 hrs lectures, 3 hrs seminars per week

Proposed Lecturer/s: TBA

Departmental Contact: Katrina Donnellon, 9351 3038
Room CB590, Brennan, A18

CENTRE FOR MEDIEVAL STUDIES

HSTY2018 Mediterranean World in the Middle Ages

8 credit points, Undergraduate, **Fee:** \$1760

Note: This Unit of Study is available for credit towards both History and Medieval Studies majors.

Beginning with the traditional Mediterranean powers of Islam and Byzantium in apparent decline in the eleventh century, the course examines the processes of that decline and the rise of the Latin West to the end of the thirteenth century. In doing so, it challenges common assumptions about the degree to which the West achieved domination in the Mediterranean and the extent to which Byzantine and Muslim powers and peoples were marginalised. The course is structured around appreciation of the physical geography, oceanography, and meteorology of the Mediterranean basin and their influences on the course of human history. Foci of attention include the mechanisms of Crusading; the response of the Muslim world and its internal evolution; the eclipse of Byzantium as a world power; the rise of the mercantile empires of Pisa, Genoa, and Venice and their internecine wars; the Norman and Hohenstaufens in Sicily, the War of the Sicilian Vespers and the rise of the Aragonese Empire; maritime trade and naval warfare; the technology of communications, warfare, and industry; and the place of the Mediterranean in the history of the known world in the period. Essays provide an opportunity to specialise in cultural and intellectual interchanges and mutual influences, and in other issues such as the importance of the Western Balkan, Maghrebin, Andalusian, and Provençal peoples. This course is offered both in the traditional format of face-to-face lectures and tutorials and also over the Internet. All lectures and tutorials may be accessed via the Home Pages of either the Department of History or the Centre for Medieval Studies. Students may choose to use both modes of delivery.

Assessment: One 3000 word essay and one 3 hr exam

Contact hours: 4 hrs of lectures and 2 hrs of tutorials per week

Proposed Lecturer/s: Associate Professor John Pryor

Departmental Contact: Associate Professor John Pryor, 9351 2840
John.Pryor@history.usyd.edu.au, Room 774, Brennan Building, A17

DEPARTMENT OF ENGLISH

ENGL2023 Twentieth Century English Literature

8 credit points, Undergraduate, **Fee:** \$1760

This Unit of Study explores the work of some significant 20th century writers during the period 1900 to 1945 by grouping them under a number of headings: science, culture and the machine age; Italy and other places; wars and their aftermath; two women writers; God, gods and godlessness. These groupings are designed to highlight both common preoccupations and the common historical developments and events which shaped and were shaped by these writers including, notably, the First and Second World Wars.

D.H. Lawrence *Aaron's Rod* (Penguin) *St Mawr and The Captain's Doll* (Penguin)

E.M. Forster *Room with a View* (Penguin)

James Joyce *Dubliners* (Penguin)

T.S. Eliot *Collected Poems 1909-1962* (Faber)

T.S. Eliot *Selected Prose* ed. Kermode (Faber)

Virginia Woolf *7b the Lighthouse* (World's Classics)

Katherine Mansfield *Bliss and Other Stories* (Penguin)

Joseph Conrad *Victory* (World's Classics)

The Norton Anthology of Poetry (4th edn.)

Prerequisite: 12 junior credit points of English including ENGL1001 and excluding ENGL1005 or with permission from Head of Department

Assessment: 3000 word essay, 3hr exam

Contact hours: 4 hrs lectures, 2 hrs tutorials per week

Proposed Lecturer/s: Drs Spurr and Jackson

Departmental Contact: Dr Jackson, 9351 6853

Robert.Jackson@english.usyd.edu.au, Room S362, Woolley, A20

DEPARTMENT OF FRENCH STUDIES

Departmental Contact: Christiane Marvillet, 9351 3172

Christiane.Marvillet@french.usyd.edu.au, Brennan Building, A18,

OR, after mid-October 1998, Angus Martin, 9351 3714

Angus.Martin@french.usyd.edu.au, Room 684, Brennan Building, A18

FRNC1101 Introductory French 1

6 credit points, Undergraduate, **Fee:** \$1320

Runs in the period 4 January to 22 January

This Unit of Study is an intensive second language learning program for beginners, which requires students' active participation and a minimum of six hours home study per week. The course is based both on communicative methodology and a functional approach to language. Through using the French language in a range of contexts, students will develop spoken communication (speaking, listening) and to a lesser extent written communication (reading, writing) skills in order to exchange

information and services, ideas and opinions and express feelings and emotions. Through the use of Language in various communicative activities, such as role playing, the student will begin to build up a knowledge of vocabulary, idioms and structures, to develop an understanding of the function of language and of the relationship between language, society and culture.

The syllabus involves the use of a text book, audio and video tapes, as well as computer assisted language learning programs designed to develop grammatical and comprehension skills (oral and written).

Exclusion: FRNC1201/1202

Assessment: Continuous in tutorials

Contact hours: 4 hrs lectures, 16 hrs tutorials per week

Proposed Lecturer/s: Christiane Marvillet and tutors to be determined

FRNC1102 Introductory French 2

6 credit points, Undergraduate, **Fee:** \$1320

Runs in the period 25 January to 16 February

FRNC1102 Introductory French 2 is the continuation of FRNC1101 Introductory French 1. It aims at strengthening students' oral communication skills and at developing further their written skills (reading and writing). Having completed FRNC1102 Introductory French 2, students in their second year will enter FRNC2103 French Language 3.

Prerequisite: FRNC1101 **Exclusion:** FRNC1201/1202

Assessment: Continuous in tutorials

Contact hours: 4 hrs lectures, 16 hrs tutorials per week

Proposed Lecturer/s: Christiane Marvillet and tutors to be determined

DEPARTMENT OF GERMANIC STUDIES

GRMN1131 Junior Additional Introductory German 1

3 credit points, Undergraduate, **Fee:** \$660

The course will consist of lectures on background studies and the reading of graded German texts to develop the students' reading and aural comprehension skills in German.

Exclusion: GRMN1501/1311/1322

Assessment: 2 hr exam

Contact hours: 2 hrs lectures, 2 hrs tutorials per week

Proposed Lecturer/s: TBA

Departmental Contact: Brian Taylor, 9351 6762

Brian.Taylor@german.usyd.edu.au, Room 874, Brennan Building, A18

GRMN1501 Reading German for Special Purposes

6 credit points, Undergraduate, **Fee:** \$1320

This course presupposes no knowledge of German and aims to impart a level of skill that will enable participants to read German without excessive recourse to the dictionary.

Exclusion: GRMN1131/1311/1322

Assessment: 2000 word assignment and 2 hr exam

Contact hours: 2 hrs lectures, 6 hrs tutorials per week

Proposed Lecturer/s: TBA

Departmental Contact: Brian Taylor, 9351 6762

Brian.Taylor@german.usyd.edu.au, Room 874, Brennan Building, A18

DEPARTMENT OF HISTORY

HSTY2001 Religion and Society

8 credit points, Undergraduate, **Fee:** \$1760

This course explores the nature and implications of Christian conversion movements in three different contexts of time and place - medieval Europe, and India and Australia in the nineteenth and twentieth centuries. It raises fundamental questions about how people in different societies perceived and understood each other, and about the origin and nature of the conversion process, by adopting a comparative approach. The Unit also looks at specific issues such as the nature and rise of missionary enterprise, the character of "pagan" and pre-Christian religions, the relationship between Christian conversion movements, the growth of Empire, social and other factors and the results of conversion including questions of continuity and change.

Prerequisite: 12 junior credit points in History

Assessment: 2000 word essay and 2hr exam (or equivalent to 2000 words)

Contact hours: 4hrs of lectures and 2 hrs of tutorials per week

Proposed Lecturer/s: Geoffrey Oddie, Lyn Olson and Jan Kociumbas

Departmental Contact: Geoffrey Oddie, 9351 2166

Geoffrey.Oddie@history.usyd.edu.au, Room 841, MacCallum, A17

HSTY2015 Heresy and Inquisition: The Inquisition in Europe 1000-1325 AD

8 credit points, Undergraduate, **Fee:** \$1760

Reincarnation? Transmigration of the soul? Gnosticism and Catharsism? The Turin Shroud? The Holy Grail and the legend of blood descendants of Christ? The Manichees? Courtly Love? Montaillou? The doctrine of apostolic poverty? Witchcraft? Sorcery and Magic? All this and more in this course which examines the social, religious and economic factors behind the wave of heresy, dissent, fear of the supernatural and the use of magic and sorcery that broke over western Europe in the years following the millennium (1000 AD) and asks what kind of threat this posed to the established classes of the day, and how they sought to control it.

Prerequisite: 12 junior credit points in History

Assessment: Essay 2000 words and 2 hour exam (or equivalent to 2000 words)

Contact hours: 4hrs of lectures and 2 hrs of tutorials per week

Proposed Lecturer/s: John Ward

Departmental Contact: John Ward, 9351 2472

John.Ward@history.usyd.edu.au, Room 772, Brennan Building, A17

DEPARTMENT OF ITALIAN

ITLN2101 Intermediate Italian Language in Ferrara, Italy

4 credit points, Undergraduate, **Fee:** \$880 plus \$400 in-country supplementary fee. Additional travel and accommodation costs also apply - please contact the department for further information.

Note: Enrolments and payments for this Unit will close on 30 October 1998. If, on this date, the minimum enrolment target has been met and there are still places available, late enrolments will be accepted until 1 December 1998 or until the quota has been met.

In formal classroom lessons and related out-of-classroom activities and workshops, this Unit revises and consolidates the principal structures of the language, with a focus on the development of active and interactive skills. Formal tuition is over 15 days, to a total of 45 hours.

Runs from Monday 11 January to Friday 29 January inclusive.

Prerequisite: ITLN1102 Exclusion: ITLN1202 and ITLN1302

Assessment: Continuous assessment and one final written paper

Contact hours: 15 hrs per week over 3 weeks

Proposed Lecturer/s: Dott.ssa Paola Marmini

Departmental Contact: Dott.ssa Paola Marmini, 9351 6893

Paola.Marmini@italian.usyd.edu.au, Room N312, Mills Building, A26

DEPARTMENT OF LINGUISTICS

LNGS1001 Structure of Language

6 credit points, Undergraduate, **Fee:** \$1320

General aspects of language: the scope of linguistics, areas of research. The nature of human language, the process of communication. The evolution of language; do animals have language? The sounds of speech: how sounds are made, speech organs and their function. Description of vowels and consonants, phonetic notation. Sound contrasts and their linguistic function. Properties of phonological systems. Morphology: types of morphemes, various syntactic functions. Derivational and inflectional morphology. Word formation. Syntax: sentence types and sentence components. Word classes. Constituency analysis. Syntactic derivations. Semantics: the segmentation of reality; the meanings of meaning. Reference and sense. Speech acts and pragmatics.

Assessment: Essay, exam and written assignments

Contact hours: 6 hrs of lectures and 2 hrs of tutorials per week

Proposed Lecturer/s: Dr Jason Johnston

Departmental Contact: Michael Walsh, 9351 4228

mjw@mail.usyd.edu.au, Room, F12

LNGS3904 Structure and Use of a Language Other than English: the Linguistics of Signed Languages

4 credit points, Undergraduate, **Fee:** \$880

This Unit introduces the student to the linguistic study of signed languages in general and Auslan (Australian Sign Language) in particular. It will cover a number of different topics in signed language grammar: signed language phonology, morphology, syntax, and semantics. This course will also cover issues related to the acquisition of signed languages as first and second languages, the psychological study of signers, as well as signed language variation and change. Research on American Sign Language and British Sign Language, as well as on other signed languages, will be discussed and compared with current work on Auslan.

Prerequisite: Credit average in 24 senior credit points of Linguistics, including 2 of the following units of study: LNGS2001, LNGS2002, LNGS2003 and LNGS2004, or with permission of the Head of Department

Assessment: One short assignment (20%), one essay (40%), one take-home exam (30%)

Contact hours: 4 hrs of seminars per week

Proposed Lecturer/s: Adam Schembri

Departmental Contact: Michael Walsh, 9351 4228

mjw@mail.usyd.edu.au, Room, F12

SCHOOL OF PHILOSOPHY

PHIL1201 Elementary Logic

3 credit points, Undergraduate, **Fee:** \$660

Criteria of valid reasoning: extensive practice applying rules of deduction to draw correct conclusions from given premises couched in a special symbolic language. Both sentence connectives and quantifiers will be covered.

Text: J. Bacon, *Elementary Logic*

Assessment: Exercises and one 2 hr exam

Contact hours: 4-6 hrs per week

Proposed Lecturer/s: John Bacon

Departmental Contact: John Bacon, 9351 3522

John.Bacon@philosophy.usyd.edu.au, Room S505, Main Quad, A14

PHIL2001/3001 Plato and Aristotle

4 credit points, Undergraduate, **Fee:** \$880

An examination of the major philosophical themes to be found in the works of Plato and Aristotle, with close attention to a few central works. Emphasises understanding

the ways these philosophers think rather than learning a body of doctrine. Main readings for Plato will be *Meno*, *Symposium*, *Parmenides*. For Aristotle: *Categories*, *Metaphysics*, *On the Soul*.

Text: R.E. Allen *Greek Philosophy: Thales to Aristotle* 3rd ed. (Macmillan)

Prerequisite: 12 junior credit points in Philosophy or with the permission of Head of Department. PHIL2001 may not be taken with PHIL3001.

Assessment: 2000 word essay (2000 level), 3000 word essay (3000 level) and 2 hr exam

Contact hours: 2 hrs of lectures and 2 hrs of tutorials per week

Proposed Lecturer/s: Soon Kian Ng and E Benitez

Departmental Contact: E Benitez, 9351 6658

Rick.Benitez@philosophy.usyd.edu.au, Room S502, Main Quad, A14

PHIL2003/3003 Locke and Empiricism

4 credit points, Undergraduate, **Fee:** \$880

John Locke is the central figure in the development of a philosophical outlook which stresses the origins of knowledge in experience, and the limits of our rational powers. This Unit will examine main themes in his epistemology and metaphysics, and assess how these relate to the views of the Cartesians, the Royal Society, and to his "official" successors, Berkeley and Hume. Attention will also be given to the significance of Locke's epistemology for the moral and religious views of the Enlightenment.

Text: J. Locke *An Essay Concerning Human Understanding* ed. Nidditch (Oxford paperback)

Prerequisite: 12 junior credit points in Philosophy or with the permission of Head of Department. PHIL2003 may not be taken with PHIL3003.

Assessment: 2000 word essay (2000 level) or 3000 word essay (3000 level) and 2 hr exam

Contact hours: 2 hrs of lectures and 2 hrs of tutorials per week

Proposed Lecturer/s: Peter Anstey

Departmental Contact: Peter Anstey, 9351 3856

Peter.Anstey@philosophy.usyd.edu.au, History and Philosophy of Science Unit, Carslaw, F07

PHIL2205/3305 Philosophy of Mind

4 credit points, Undergraduate, **Fee:** \$880

An introduction to modern theories of the nature of mind, and some important contemporary issues in the philosophy of mind. Topics will include the problem of mental representation (how can minds think about the world?), the relationship of minds to brains, and the problem of consciousness.

Text: Crane, L, *The Mechanical Mind* (Penguin, 1995).

Additional readings available from department of Traditional and Modern Philosophy.

Prerequisite: 12 junior credit points in Philosophy or with the permission of Head of Department. PHIL2205 may not be taken with PHIL3205.

Assessment: 2000 word essay (2000 level) or 3000 word essay (3000 level) and 2 hr exam

Contact hours: 2 hrs of lectures, 2 hrs of tutorials per week

Proposed Lecturer/s: Luke Russell and Huw Price

Departmental Contact: Huw Price, 9351 4057
huw@mail.usyd.edu.au, Room S602, Main Quad, A14

PHIL2405/3405 Heidegger's Phenomenology

4 credit points, Undergraduate, **Fee:** \$880

An investigation of Martin Heidegger's Being and Time. The course introduces and critically considers the major themes of Heidegger's earlier thinking, such as the meaning of the phenomenological method and the question of Being, the interpretation of Dasein in terms of anxiety, care and temporality, and the meaning of time as the horizon for Being. The course concludes by discussing the ways in which Heidegger's analyses have been taken up by psychotherapists such as Binswanger and Boss.

Prerequisite: 12 junior credit points in Philosophy or with the permission of Head of Department. PHIL2405 may not be taken with PHIL3405.

Assessment: 2000 word essay (2000 level) or 3000 word essay (3000 level) and 2 hr take-home exam

Contact hours: 2 hrs of lectures and 2 hrs of tutorials per week

Proposed Lecturer/s: Damian Byers

Departmental Contact: Damian Byers, 9351 3108
Damian.Byers@philosophy.usyd.edu.au, Room S407, Main Quad, A14

PHIL2406/3406 Power and Subjectivity

4 credit points, Undergraduate, **Fee:** \$880

Post-structuralism rejects the phenomenological concept of a person as a consciousness or subjectivity in favour of a concept of a person as a focus of power relations. We trace the development of this account of personhood.

Prerequisite: 12 junior credit points in Philosophy or with the permission of Head of Department. PHIL2406 may not be taken with PHIL3406.

Assessment: 2000 word essay (2000 level) or 3000 word essay (3000 level) and 2 hr take-home exam

Contact hours: 2 hrs of lectures and 2 hrs of tutorials per week

Proposed Lecturer/s: Peter Cook

Departmental Contact: Paul Patton, 9351 3821
Paul.Patton@philosophy.usyd.edu.au, Room S405, Main Quad, A14

DEPARTMENT OF SOCIAL WORK,
SOCIAL POLICY AND SOCIOLOGY

SCLG1001 Sociology 101

6 credit points, Undergraduate, **Fee:** \$1320

This Unit of Study is designed to introduce students to the study of sociology by critically analysing contemporary Australian society. A range of sociological concepts will be presented which challenge the way in which society is organised and understood. Students will be encouraged to critique existing social phenomena based on sociological concepts and perspectives including social structure, commodification, rationalisation, power and class.

Assessment: 1 exam

Contact hours: 3 hrs of lectures, 3 hrs of tutorials per week

Proposed Lecturer/s: Alec Pemberton and Lisa Bourke

Departmental Contact: Alec Pemberton, 9351 6902

Alec.Pemberton@social.usyd.edu.au, Mills Building, A26

SCLG2004 Sociology of Deviance

4 credit points, Undergraduate, **Fee:** \$880

Students will begin by looking at the problematic nature of the term 'deviance' in sociology, at the contested nature of a concept used both as a lay evaluation of conduct, persons or social settings, as well as a term used by sociologists adopting the perspective of those involved in policing and correction to characterise those transgressing moral and legal boundaries. The confusion that this has engendered in the analysis of rule breaking conduct has led to a commonsense content for the sociology of deviance and a correctional focus that leaves rules largely unexamined. Instead, this Unit of Study has a wider interest than traditional criminology or corrections, and takes as its subject matter a diverse range of social settings and personal conduct in order to encourage students to identify the historical origins of the rules that govern them, the way in which some settings become officially designated as deviant along with the persons and conduct that are found in them, and at the origin and types of social control that are exerted to maintain conformity with rules. The consequences of these attempts at control are also analysed. Theories of deviance will be examined, and particular forms of deviance will be analysed, e.g. alcohol abuse, hygiene, food disorders, sexual conduct.

Prerequisite: 12 junior credit points in Sociology

Assessment: 3500 word essay/project

Contact hours: 3 hrs of lectures, 3 hrs of tutorials per week

Proposed Lecturer/s: Alec Pemberton and Robert van Krieken

Departmental Contact: Alec Pemberton, 9351 6902

Alec.Pemberton@social.usyd.edu.au, Mills Building, A26

POSTGRADUATE UNITS OF STUDY

DEPARTMENT OF ENGLISH

ENGL6027 Contemporary Australian Writers

Postgraduate, **Fee:** \$1000

A study of the work of four contemporary Australian writers, representing practitioners in different genres: fiction, non-fiction, poetry and drama. Writers may be (subject to confirmation): Kate Grenville, Drusilla Modjeska, Louis Nowra, John Tranter.

Entry Requirement: A Bachelor's Degree from a recognised university, preferably with some study of English or equivalent subjects, or for auditors, a demonstrated interest in the subject.

Assessment: One 4500 word essay

Contact hours: 1 hr lecture, 3 hr seminar each week, introductory and concluding seminar x 2 hrs and 1 hr interview with writer once a week

Proposed Lecturer/s: Professor E Webby

Departmental Contact: Professor E Webby, 9351 6835

Elizabeth.Webby@english.usyd.edu.au, Room N404, Woolley Building, A20

DEPARTMENT OF HISTORY

HSTY6040 National Identity in Australia since 1945

Postgraduate, **Fee:** \$1000

The whole question of national identity has become an issue for many countries in the late twentieth century world. There has been a perceived need to reshape identity in the light of changed circumstances. This is particularly the case with post-imperial powers such as Britain and with post-colonial powers like Australia. This course focuses on Australia and begins with a discussion of what constitutes national identity and how it has been viewed in the past. It goes on to discuss the social and political changes that have occurred in Australia, principally after 1945, showing how these have affected the way in which Australians define themselves as a nation. Teaching takes the form of seminar type discussions to which members of the group are asked to contribute through class papers.

Entry Requirement: For certificate or diploma students: BA. For MA students: BA with a History major

Assessment: 2000 word class essay and 3000 word research essay

Contact hours: 4hrs of seminars per week

Proposed Lecturer/s: Professor Brian Fletcher

Departmental Contact: Professor Brian Fletcher, 9351 2762

Brian.Fletcher@history.usyd.edu.au, Room S488, West Quad, A17

LANGUAGE CENTRE

DMLT6003 Computer Assisted Language Learning

Postgraduate, **Fee:** \$500

Runs from 4-22 January 1999. This Unit explores contemporary issues surrounding the use of computers in teaching second languages and introduces participants to a wide variety of computer-assisted language learning (CALL) software programs for the Macintosh computer. It includes hands-on work with a computer in a Macintosh laboratory.

Entry Requirement: BA with a major in languages/TESOL; 1 year of teaching experience

Assessment: Theoretical and practical work consisting of a small essay and a developmental project on the computer.

Contact hours: 10 hrs total (Workshop)

Proposed Lecturer/s: Marie-Therese Barbaux-Couper

Departmental Contact: Marie-Therese Barbaux-Couper, 9351 7511

Marie.Barbaux-Couper@artsit.usyd.edu.au, Arts Information Technology Unit, Room 150, Transient Building, F12,

DMLT6009 Language Material Development

Postgraduate, **Fee:** \$500

Runs from 4-22 January 1999. This Unit aims to equip language teachers with the skills necessary to select the most appropriate materials to use in the language classroom. Throughout the seminar, participants will review current theories of language acquisition and language production and take a practical look at language teaching materials. Participants will be expected to assess a variety of materials and to explore ways of adapting and expanding their use in the language classroom.

Entry Requirement: BA with a major in languages/TESOL; 1 year of teaching experience

Assessment: 1500 word essay describing the materials development process and the development and trial of classroom materials.

Contact hours: 10 hrs total (seminars)

Proposed Lecturer/s: Renata Natoli and Richard Baldauf

Departmental Contact: Renata Natoli, 9351 4532, 9838 9572

Renata.Natoli@language.usyd.edu.au, Brennan Building, A18,

DMLT6015 Methodology and Practice of Research

Postgraduate, **Fee:** \$500

Runs from 4-22 January 1999. This Unit has as its focus assisting teachers as knowledgeable language professionals to contribute to the literature in their profession. The research methodology and practice necessary to write for teacher-oriented newsletters and journals is examined and students produce an intensively

written 1000-1500 word article suitable for submission to a teacher-oriented language newsletter or journal.

Entry Requirement: BA with a major in languages/TESOL; 1 year of teaching experience

Assessment: An intensively written 1000-1500 word 'article' suitable for submission to a teacher-oriented newsletter/journal.

Contact hours: 10 hrs total (seminars)

Proposed Lecturer/s: Richard Baldauf and Geraint Evans

Departmental Contact: Richard Baldauf, 9351 6764

Richard.Baldauf@language.usyd.edu.au, Language Centre, A18,

FACULTY OF ECONOMICS

Auditing a Unit of Study

All Economics units of study may be audited for 75% of the tuition fee, with the exception of those offered by the Department of Accounting and *ECOF1001/2 Communication & Critical Analysis 1A/B*.

Applying to enrol as a School Leaver with an HSC

Students who have completed the HSC but have not yet received a tertiary offer of admission may be permitted to enrol in junior, introductory units of study in the Summer School **provided that:**

- (a) they have completed the requisite HSC units to meet any assumed knowledge requirements.
- (b) they achieve the UAI necessary to gain entry to the Faculty of Economics. If they subsequently find that they have not met this requirement and inform the Summer School Office by 6 January 1999, they will be entitled to a refund of tuition fees.

These students must confirm with the Faculty Office that future credit will be given *before* undertaking a Summer School unit of study, and obtain this advice in writing so that if they enrol in the following academic year they can submit this with their application for credit. Note that the successful completion of a unit of study in the Summer School is not an offer of admission to the University. Students must proceed through the normal avenues to gain admission.

Prerequisites and Assumed Knowledge

Any prerequisites or assumed knowledge for a given unit are listed below. If no specific prerequisites are mentioned, then none apply for that particular course. For further details about admission requirements in the Summer School, please see the general information at the front of this brochure.

Important Note

Please ensure that you read the 'General Information' section at the front of this booklet in conjunction with this information and that about individual units of study. Refer to the 'Admission Requirements' and 'Completing Course Requirements' sections below before deciding which units to enrol in, particularly if you are undertaking Summer School units with the intention of completing all course requirements and thus being eligible to graduate in 1999.

DEPARTMENT OF ACCOUNTING

ACCT1002 Accounting IB

6 credit points, Undergraduate, **Fee:** \$1350

Builds on Accounting IA. Covers more complex technical financial accounting issues including accounting for assets and liabilities, the preparation of cash flow statements and financial statement analysis. More detailed consideration is given to factors which influence the preparation of financial reports, including institutional arrangements, accounting standards and statements of accounting concepts, and the duty of preparers and auditors of financial statements. Systematic analysis of a recent Annual Report of one of Australia's largest public companies is undertaken. Further, the course develops written and oral communication skills through case studies, oral presentations and group and individual written assignments. It consolidates students' acquisition of computer spreadsheet skills.

Prerequisite: ACCT1001 Accounting IA

Assessment: 50% final exam, 50% class tests plus tutorial presentation

Contact hours: 4 hrs of lectures, 4 hrs of tutorials per week

Proposed Lecturer/s: Isabel Gordon

Departmental Contact: Isabel Gordon, 9351 7013

isabel@abacus.econ.usyd.edu.au, Room 471, Merewether, H04

ACCT2001 Financial Accounting A

8 credit points, Undergraduate, **Fee:** \$1575

Accounting and reporting practices of companies, particularly listed public companies. Emphasis is placed on developing an understanding of, and the ability to evaluate critically, the various regulatory requirements (professional and statutory) governing financial reporting. The economic significance of management's ability to choose between alternative techniques for recording/reporting a given transaction or event is also considered from within a 'costly contracting' framework. Issues covered include accounting for taxes, leases, intangibles, extractive industries. Consideration of off-balance sheet liabilities and owner's equity. Introduction to intercorporate investments.

Prerequisite: ACCT1001 and ACCT1002

Assessment: Mid-semester exam 30%, class participation 10%, case study 15%, final exam 45%

Contact hours: 6 hrs per week (no separate tutorial groups)

Proposed Lecturer/s: TBA

Departmental Contact: Dr Neal Arthur, 9351 6624

neal@abacus.econ.irsyd.edu.au, Room 451, Merewether, H04

ACCT2002 Management Accounting A

8 credit points, Undergraduate, **Fee:** \$1575

This course provides students with an introduction to the basics of management/cost accounting. Areas specifically covered include: cost terms and purposes, cost behaviour, cost-volume-profit analysis, cost estimation via regression analysis and other means, basic and alternative product costing methods, detailed study of the budgeting process (master budgets, flexible budgets, standard costing and variance analysis) and cost allocation. It canvasses whether recent developments are 'fads' or really solutions to today's problems.

Prerequisite: ACCT1001 and ACCT1002

Assessment: Class Mark 20%, assignments 20%, mid-test 20%, final 40%

Contact hours: 2 hrs of lectures, 4 hrs of tutorials per week

Proposed Lecturer/s: Paul Blayney

Departmental Contact: Paul Blayney, 9351 4355

paul@abacus.econ.usyd.edu.au, Room 453, Merewether, H04

CLAW2001 Corporations Law

8 credit points, Undergraduate, **Fee:** \$1575

This course begins with a brief comparison of business entities, especially partnership. The concept and process of incorporation are examined. Company finance, both equity and debt finance, and the maintenance of the company's share capital will be studied as well as the topics of accounts, auditors, and companies in financial difficulty. The management of companies and directors' duties will be explored as well as the rights and remedies of company shareholders. Company takeovers, prospectus provisions and securities regulation will be discussed but studied in more depth in the elective Stock Markets and Derivatives Law.

Prerequisite: CLAW1001

Assessment: 10% tutorial participation, 15% mid semester test, 15% assignment, 60% exam

Contact hours: 6 hrs per week

Proposed Lecturer/s: Mary Wyburn/Pam Devery

Departmental Contact: Pam Devery, 9351 3171

Room 465, Merewether, H04

DEPARTMENT OF ECONOMETRICS

Departmental Contact: Associate Professor Denzil Fiebig, 9351 3944

denzilf@bullwinkle.econ.usyd.edu.au, Room 486, Merewether, H04

ECMT1013 Econometrics IA Stream 3

6 credit points, Undergraduate, **Fee:** \$1350

The first of a sequence of two units that together provide an introduction to quantitative methods used in economics and related disciplines. Topics in basic statistics include: methods available for handling, analysing and interpreting data, discussion of probability distributions, an introduction to sampling theory and

simple estimation problems. Mathematics of finance is also covered. A key component is the provision of instruction and experience in the use of computers and statistical software as an aid in the analysis of data.

Assumed Knowledge: HSC 2 Unit Mathematics. ECMT1A and ECMT1B may not be taken together in the Summer School without departmental permission.

Assessment: Quizzes, mid-course test, computer assignment 2 hr final exam

Contact hours: 4 hrs of lectures, 2 hrs of tutorials per week

Proposed Lecturer/s: TBA

ECMT1023 Econometrics IB Stream 3

6 credit points, Undergraduate, **Fee:** \$1350

Builds on the work in Econometrics IA. Introduces hypothesis testing, simple and multiple regression analysis, time series analysis and decision theory. This statistical material is complemented by mathematical topics including matrices and partial differentiation. Again there is an important computing component that is integrated into this course. Applications to economics and related disciplines in the social sciences are provided.

Assumed Knowledge: HSC 2 Unit Mathematics and prerequisite of ECMT1013. ECMT1A and ECMT1B may not be taken together in the Summer School without departmental permission.

Assessment: Quizzes, mid-course test, computer assignment, 2 hr final exam

Contact hours: 4 hrs of lectures, 2 hrs of tutorials per week

Proposed Lecturer/s: TBA

DEPARTMENT OF ECONOMIC HISTORY

ECHS2301 Making the Modern Australian Economy

8 credit points, Undergraduate, **Fee:** \$1575

This Unit looks at the changing socio-economic fabric of Australian capitalism in the period from the late 1880s. It considers structural changes in the economy and workforce; the pattern of urban development; economic fluctuations, especially the major depressions of the 1890s, 1930s, and now; economic policy and its failures; the impact of war on economy and society; twentieth century urbanisation and suburbanisation; and the post-war economy.

Prerequisite: Any four first year Units of Study

Assessment: 1 essay; 1 tutorial presentation; tutorial participation; 1 exam

Contact hours: 4 lectures, 2 tutorials per week

Proposed Lecturer/s: Dr Helen Fountain

Departmental Contact: Dr Diane Hutchinson, 9351 4088

D.Hutchinson@econ.usyd.edu.au, Room 396, Merewether, H04

ECHS3001 Managing International Business in Asia

8 credit points, Undergraduate, **Fee:** \$1575

Asian markets started to become shining stars for international business in the 1970s. Has the Asian currency crisis dimmed their glow? What are the critical issues facing managers who want to take their firms into these markets? This Unit addresses these questions.

The Unit begins with a brief overview of the East and Southeast Asian economies. It then establishes a framework for analysing the management of international business. In this module, the focus is on the role of firm competencies, the strategic planning process and the choice and management of entry modes including exports, one-off technology transfer and strategic alliances, joint ventures and wholly owned subsidiaries. The course then applies this framework, analysing the economic, political, legal, social and cultural environment facing international business in Asian economies. This section of the course will be taught in three modules, each of which will focus on a different Asian economy. These normally will be China, Malaysia and Singapore although other economies may be included depending on staff availability. Throughout the course there will be a strong emphasis on case-studies, using Australian firms where possible.

Textbooks: there is no set text although D.J. Mahoney, et. aL, *International Business: A Managerial Perspective* (Addison-Wesley Longman, 1998), is recommended as a reference for the first module. A tutorial reading brick will be available.

Prerequisite: [ECHS2305 and either ECHS2306 or ECHS2324] or [ECHS2302 and ECHS2324] or IREL2001

Assessment: 1 report; 1 group project; tutorial participation; 1 exam

Contact hours: 4 lectures, 2 tutorials per week

Proposed Lecturer/s: Dr Diane Hutchinson, A/Prof Ben Tipton, Dr Lily Rahim

Departmental Contact: Dr Diane Hutchinson, 9351 4088

D.Hutchinson@econ.usyd.edu.au, Room 396, Merewether, H04

DEPARTMENT OF ECONOMICS

Departmental Contact: Dr Surinder Joson, 9351 3064

surinder@bullwinkle.econ.usyd.edu.au, Room 437, Merewether, H04

EC0N1001 Introductory Microeconomics

6 credit points, Undergraduate, **Fee:** \$1350

Introductory Microeconomics addresses the economic decisions of individual firms and households and how these interact in markets. It is a compulsory core course for the Bachelor of Economics degree and is an alternative core course for the Bachelor of Commerce degrees and for the Bachelor of Economics (Social Sciences). Economic issues are pervasive in contemporary Australian society. Introductory Microeconomics introduces students to the language and analytical framework adopted in Economics for the examination of social phenomena and public policy issues. Whatever one's

career intentions, coming to grips with economic ideas is essential for understanding society, business and government. Students are given a comprehensive introduction to these ideas and are prepared for the advanced study of microeconomics in subsequent years. The course begins with the introduction of a model that focuses on the question of how individuals, firms and institutions make choices concerning the allocation of scarce resources among competing uses. This is then followed by examination of a range of market structures, the concept of market power, the range of factors which determine the level of competitive pressure which individual firms experience within different market structures, and the influence of this competitive pressure on pricing and output decisions of firms.

Assumed Knowledge: HSC 2 Unit Mathematics

Assessment: Continuous assessment, details to be announced

Contact hours: 6 hrs lectures, 2 hrs tutorials per week

Proposed Lecturer/s: TBA

ECON1002 Introductory Macroeconomics

6 credit points, Undergraduate, **Fee:** \$1350

Introductory Macroeconomics addresses the analysis of the level of employment and economic activity in the economy as a whole. It is a compulsory core course for the Bachelor of Economics degree and is an alternative core course for the Bachelor of Commerce degrees and for the Bachelor of Economics (Social Sciences). Introductory Macroeconomics begins with an examination of the main factors that determine the overall levels of production and employment in the economy, including the influence of government policy and international trade. The analysis is then extended to explore the implications of money, interest rates and financial markets. This enables a deeper examination of inflation, unemployment and economic policy. Finally, the course examines fundamental controversies in economic policy and theory, such as the respective roles of markets and governments, causes of and cures for inflation, and the explanation of income distribution.

Assumed Knowledge: HSC 2 Unit Mathematics

Assessment: Continuous assessment, details to be announced

Contact hours: 6 hrs lectures, 2 hrs tutorials per week

Proposed Lecturer/s: TBA

ECON2001 Intermediate Microeconomics

8 credit points, Undergraduate, **Fee:** \$1575

The aim of Intermediate Microeconomics is the development of theoretical and applied skills in economics. It covers applications and extensions of the theory of consumer choice, firm behaviour and market structure. Emphasis is given to the economics of information and choice under uncertainty; industry structures other than monopoly and perfect competition; markets for factors of production; general equilibrium and economic efficiency; market failure and the role of government. Applications of the theory are developed during the course to allow students to gain

an appreciation of the way in which microeconomic theory provides insights into economic behaviour and market phenomena. This Unit provides a basis for the more specialised options that comprise third year economics.

Prerequisite: ECON1001 Pre/Corequisite: ECMT1010 or MATH1101 or MATH1001

Assessment: Continuous assessment details to be announced

Contact hours: 6 hrs lectures, 2 hrs tutorials per week

Proposed Lecturer/s: TBA

ECON2002 Intermediate Macroeconomics

8 credit points, Undergraduate, **Fee:** \$1575

This Unit of Study develops models of the goods, money and labour markets, and in this context, examines issues in macroeconomic policy. Macroeconomic relationships, covering consumption, investment, money and employment, are explored in detail. Macro-dynamic relationships, especially those linking inflation and unemployment, are also considered. Exchange rates and open economy macroeconomics are addressed, so introducing questions of both theory and policy. The lectures include an examination of Australian economic policy in relation to balance of payments performance and foreign debt. In the last part of the course, topics include the determinants and theories of economic growth, productivity and technology, the dynamics of the business cycle, counter-cyclical policy and the relationship between micro and macro policy in the context of recent Australian experience.

Prerequisite: ECON1002 Pre/Corequisite: ECMT1020 or MATH1102 or MATH1002

Assessment: Continuous assessment, details to be announced

Contact hours: 6 hrs lectures, 2 hrs tutorials per week

Proposed Lecturer/s: TBA

ECON3005 Industrial Organisation

8 credit points, Undergraduate, **Fee:** \$1575

This Unit of Study examines the nature of inter-firm rivalry in industries with market power. It explores the various ways in which firms can increase their market power by: extracting more surplus from consumers, by colluding with rivals or by excluding entrants. The Unit also analyses the international competitiveness of industries in the context of industry assistance and the prevalence of foreign multinationals. Competition policy is discussed in conjunction with policies aimed at the local development of high technology industries.

Prerequisite: ECON2001 or ECON2901

Assessment: Continuous assessment, details to be announced

Contact hours: 6 hrs lectures per week

Proposed Lecturer/s: TBA

ECON3007 International Macroeconomics

8 credit points, Undergraduate, **Fee:** \$1575

This course studies macroeconomic theory and policy in a global trading world. The microfoundations of the various sectors are examined in the context of an open economy. The evolution of international money and capital markets is described and the operation of the foreign exchange market is examined, showing how its microstructure affects its macro performance. Theories and tests of the efficiency of international capital markets are surveyed, as well as core theories and tests of exchange rate and asset price determination. The Unit develops the macroeconomic implications of monetary and fiscal policies for small and large open economies for different regimes.

Prerequisite: ECON2002 or ECON2902

Assessment: Continuous assessment, details to be announced

Contact hours: 6 hrs lectures per week

Proposed Lecturer/s: TBA

POLITICAL ECONOMY

ECOP3002 Global Political Economy

8 credit points, Undergraduate, **Fee:** \$1575

This Unit deals with the major forces presently restructuring the world economy, with particular reference to the institutions involved. Attention is paid to the internationalisation of finance and production and to the overall phenomenon of globalisation. This latter involves not only a global perspective in corporate strategies of production and finance but a global perspective in advertising and marketing. Thus it immediately draws in social and cultural developments. The Unit is a study of the integration of national economies, especially smaller economies such as Australia's, into a global whole. It must needs consider the evolution of the nation-state and of state policies, and the point of the national accounting and of a national objective of balance in international accounts. It examines possible alternatives to nation-states and different mechanisms of global political regulation of economic activity. The Unit acknowledges the impact of globalisation on the incomes, opportunities and quality of life of different classes of people, of different races and of women as distinct from men.

Prerequisite: ECOP2001 and 2002 or ECON2001 and 2002

Assessment: Essay, coursework and one 3 hr exam

Contact hours: 3 hrs of lectures, 2 hrs of tutorials per week

Proposed Lecturer/s: TBA

Departmental Contact: Evan Jones, 9351 6617

evanj@sue.econ.usyd.edu.au, Room 448, Merewether, H04

DEPARTMENT OF FINANCE

Departmental Contact: Julianne Wright-Bartels, 9351 6454
julianne@finance.econ.usyd.edu.au, Room S305, Institute Building, H03

FINC2001 Corporate Finance I

8 credit points, Undergraduate, **Fee:** \$1575

This course provides an introduction to corporate finance, including investment decision-making. The first part of the course deals with the analytical techniques necessary to make investment decisions, both when cash flows are known and when they are uncertain. The second part of the course deals with the corporation and the Australian capital market, the raising of capital, including equity versus debt, and allocating capital, including dividends, internal investments and takeovers. As far as possible, the course will attempt to link theory to practical applications via examples, exercises and assignments.

Prerequisite: ECON1001 and 1002 and ECMT1010 and 1020 and (ACCT1001 or ACCT1003)

Assessment: One assignment, one mid-semester exam and one 3 hr final exam

Contact hours: 2 hrs of lectures, 1 hr of tutorials per week

Proposed Lecturer/s: Alex Frino/Julianne Wright-Bartels

FINC2002 Corporate Finance II

8 credit points, Undergraduate, **Fee:** \$1575

This course builds on FINC2001 Corporate Finance I, but is more applied in that it is concerned with the actual workings of financial markets. It examines the operation of financial markets from both a theoretical and practical perspective, concentrating mainly but not exclusively on Australian financial markets. The course deals with the economic role of capital markets and theories of capital market behaviour. The operations of equity and derivative markets in Australia, including options and futures, are examined along with foreign exchange and debt markets. A new and important area of study known as 'market microstructure' is introduced and a number of issues in corporate governance and takeovers are examined.

Prerequisite: FINC2001 Corporate Finance I

Assessment: One assignment, one mid semester exam and one 3 hr final exam

Contact hours: 2 hrs of lectures, 1 hr of tutorials per week

Proposed Lecturer/s: Tro Kortian

FINC3002 Derivative Securities

8 credit points, Undergraduate, **Fee:** \$1575

Options, futures and swaps are derivatives of underlying securities such as equities and bonds. These relatively new and rapidly growing types of securities are increasingly used to manage risk exposure and as a relatively low-cost-way of taking a position in a security or portfolio. They are also being used as part of senior

management compensation as a way of attempting to align the interests of shareholders with that of management.

The course is designed to provide an introduction to this important area of finance without requiring on the part of students a high level of mathematical sophistication. Students will gain exposure to the operations of the Sydney Futures Exchange (SFE) and the Options Exchange and some may even choose to enhance their learning experience by investing small sums on these exchanges.

Prerequisite: FINC2001 and FINC2002

Assessment: Assignments, one mid-semester exam and one final exam

Contact hours: 2 hrs of lectures, 1 hr of tutorials per week

Proposed Lecturer/s: Elvis Jarnecic

Departmental Contact: Elvis Jarnecic or Angela Murphy, 9351 6455/3521
elvis@finance.econ.usyd.edu.au, Room N454, Institute Building, H03

DEPARTMENT OF GOVERNMENT AND PUBLIC ADMINISTRATION

G0VT1104 Power in Society

6 credit points, Undergraduate, **Fee:** \$1575

This Unit aims to provide an introduction to the study of politics, through a focus on the key organising principle of political science: power. Different ways in which power is theorised and structured are considered. In particular this Unit considers the way power operates in a liberal democratic state (such as Australia) and examines some contemporary critiques of power and the state (for example feminism and the New Right). An explicit effort is made throughout to combine the study of key political ideas and concepts with practical examples which draw primarily on Australian political institutions and processes.

Assessment: Exam; Essay; Participation

Contact hours: 4 hrs of lectures, 2 hrs of tutorials per week

Proposed Lecturer/s: Associate Professor Michael Hogan

Departmental Contact: Associate Professor Michael Hogan, 9351 7400
michaelh@bullwinkle.econ.usyd.edu.au, Room 1, 86 Darlington Road

G0VT2206 International Relations in the 20th Century

8 credit points, Undergraduate, **Fee:** \$1575

This Unit aims to introduce students to the politics of international relations in the twentieth century and is designed for students with at least a rudimentary background knowledge of world politics and International Relations theory. The Unit will make particular reference to the United States, its development and rise to superpower status as well as address the rise of the 'Pacific Century' and structural change in the global political-economy. The Unit is thus broadly conceived, and attempts to explore the systemic forces responsible for structural transformations in global politics and the rise and decline of 'great powers'.

Prerequisite: Normally one junior unit of study in Government. Those without this should apply in writing directly to the Head of Department for permission to enrol, including a current academic transcript. In some cases an interview may be required.

Assessment: Exam; Essay; Participation

Contact hours: 4 hrs of lectures, 2 hrs of tutorials per week

Proposed Lecturer/s: TBA

Departmental Contact: Associate Professor Martin Painter, 9351 2054
martinp@econ.usyd.edu.au, Room 267, Merewether, H04

G0VT2401 Japanese Politics

8 credit points, Undergraduate, Fee: \$1575

A study of the politics and government of postwar Japan. Main topics will include: the governmental structure, the bureaucracy and policy making, the political party system, the relations between business and government, and recent issues in domestic and foreign policy. Emphasis will be given to examining various interpretations of the character of contemporary Japanese politics: a society structured in a hierarchy of patron-client relations; the causative role of traditional attitudes and cultural values; the manipulation of those values in the interest of the capitalist state; modernisation theory; 'Japan Incorporated'¹.

Prerequisite: Normally one junior unit of study in Government. Those without this should apply in writing directly to the Head of Department for permission to enrol, including a current academic transcript. In some cases an interview may be required.

Assessment: Examination 50%; Essay 30%; Tutorial 20%

Contact hours: 4 hrs of lectures, 2 hrs of tutorials per week

Proposed Lecturer/s: A/Professor Trevor Matthews

Departmental Contact: A/Professor Martin Painter, 9351 2054
martinp@econ.usyd.edu.au, Room 267, Merewether, H04

DEPARTMENT OF INDUSTRIAL RELATIONS

IREL1001 Macro Industrial Relations

6 credit points, Undergraduate, **Fee:** \$1350

A broad introduction to the institutions and processes of Australian industrial relations beyond the level of the individual organisation. Topics will include:

- introduction to industrial relations theory;
- historical and legal background to Australian industrial relations;
- trade unions;
- employer associations;
- the role of the state;
- industrial relations processes, such as conciliation, arbitration and collective bargaining;
- industrial relations issues and outcomes: including industrial conflict, wage determination;

- recent trends in Australian industrial relations.

Assessment: 1 x 2000 word essay; tutorial participation, final exam

Contact hours: T8A

Proposed Lecturer/s: Diane van den Broek

Departmental Contact: Diane van den Broek, 9351 3106

d.vandenbroek@econ.usyd.edu.au, Room 282, Institute Building, H03

IREL2001 Foundations of Management

8 credit points, Undergraduate, **Fee:** \$1575

This Unit is designed to provide an overview of the function, role and responsibilities of management in modern organisations. It will address management activities and processes and examine the main trends in management taking account of factors internal and external to organisations. Topics include planning, leadership, organising and control. Consideration will be given to private, public and non-profit enterprises.

Prerequisite: IREL1002 Micro Industrial Relations

Assessment: 1 x 1500 word essay; 1 x 1000 word case; final exam

Contact hours: TBA

Proposed Lecturer/s: Grant Michelson

Departmental Contact: Grant Michelson, 9351 7391

G.Michelson@econ.usyd.edu.au, Room 275, Institute Building, H03

DEPARTMENT OF MARKETING

MKTG2001 Marketing Principles

8 credit points, Undergraduate, **Fee:** \$1575

Introduction to the terminology and functions of marketing in modern business practice. Market forces and opportunities, with reference to the role of social, economic, political and global influences and trends. Macro (societal) and micro (individual and firm) implications of the market process and marketing decision-making.

Prerequisite: 1st year Economics and Econometrics

Assessment: Final exam (50%), tutorial participation and workbook (20%), group assignment (30%)

Contact hours: Two 2 hr lectures per week

Proposed Lecturer/s: Mr John Rose

Departmental Contact: Mr John Rose, 9351 6442

johnr@bullwinkle.econ.usyd.edu.au, 127 Darlington Road, H03

MKTG2002 Consumer Behaviour

8 credit points, Undergraduate, **Fee:** \$1575

Introduction to and overview of economic, psychological and sociological bases of consumer behaviour as they relate to the purchase and consumption of goods and

services. Marketing implications of consumer behaviour and the interaction of consumers and the marketing process of organisations.

Prerequisite: 1st year Economics or Econometrics and MKTG2001 Marketing Principles

Assessment: Mid-term exam; final exam; term project

Contact hours: Two 2 hr lectures and one 1 hr tutorial per week

Proposed Lecturer/s: Mr John Rose

Departmental Contact: Mr John Rose, 9351 6442

johnr@bullwinkle.econ.usyd.edu.au, 127 Darlington Road, H03

MKTG2003 Market Research 1

8 credit points, Undergraduate, **Fee:** \$1575

Introduction to marketing research and the marketing research industry. Basics of problem recognition, formulation, research design and reporting. Qualitative research methods. Survey design and data collection. Data entry and coding. Introduction to basic quantitative analysis. Research practicum.

Prerequisite: 1st year Econometrics

Assessment: Group projects and written exams

Contact hours: 4 hrs per week in 2 blocks

Proposed Lecturer/s: Associate Prof Terry Beed

Departmental Contact: Associate Prof Terry Beed, 9351 3637

terryb@bullwinkle.econ.usyd.edu.au, Room N152, Institute Building, H03

INTERDEPARTMENTAL

EC0F1001/1002 Communication & Critical Analysis 1A/1B

6 credit points, Undergraduate, **Fee:** \$1350

This course aims to enhance oral and written communication skills and in the process provide a greater understanding of the philosophy underlying academic discourse. Weekly units are oriented around a progressive series of tasks which consider academic texts in context and require learners to understand, analyse and produce spoken and written texts appropriate to the context of academic English. The contextualisation of these tasks is the philosophical aspects of critical analysis. Themes, such as the difference between convention, fact, opinion and preference; deductive and inductive proof; validity and truth; evidence; and the ethics of persuasion, are the basis on which the skills are taught.

Assessment: 1 short summary; 1 x 1500 word essay; 1 x 2500 word essay; 1 seminar paper; 1 journal; class participation

Contact hours: 4 hrs of workshops, 2 hrs of tutorials per week

Proposed Lecturer/s: Dr Michael Paton

Departmental Contact: Dr Michael Paton, 9351 5569

michaelpa@bullwinkle.econ.usyd.edu.au, Room M388, Merewether, H04

FACULTY OF HEALTH SCIENCES

All Health Sciences units of study will take place on the Cumberland Campus.

Auditing a Unit of Study

All units of study offered by the Faculty of Health Sciences may be audited for 75% of the tuition fee.

Applying to enrol as a School Leaver with an HSC

Students who have completed the HSC but have not yet received a tertiary offer of admission may be permitted to enrol in the units offered by the School of Exercise and Sports Science and the Department of Biomedical Sciences, but need to check with the Student Administration, Cumberland Campus in the first instance. These students must confirm with the School/Department that credit will be given *before* undertaking a Summer School unit of study, and obtain this advice in writing so that if they enrol in the following academic year they can submit this with their application. Note that the successful completion of a unit of study in the Summer School is not an offer of admission to the University. Students must proceed through the normal avenues to gain admission.

Prerequisites and Assumed Knowledge

There are no prerequisites for these units of study.

Important Note

Please ensure that you read the 'General Information' section at the front of this booklet in conjunction with this information and that about individual units of study. Refer to the 'Admission Requirements' and 'Completing Course Requirements' sections below before deciding which units to enrol in, particularly if you are undertaking Summer School units with the intention of completing all course requirements and thus being eligible to graduate in 1999.

DEPARTMENT OF BEHAVIOURAL SCIENCES

BEHS1087 Introduction to Psychology

3 credit points, Undergraduate, **Fee:** \$660

This Unit provides an introduction to areas of psychology relevant to health professionals. Major topic areas include consciousness and perception, intelligence, principles of learning, motivation and emotion, personality, developmental psychology, social psychology, and health psychology.

Assessment: Essay/Report 25%, Exam MCQ 75%

Contact hours: 3 hrs per week

Proposed Lecturer/s: Dr Chris Lennings

Departmental Contact: Dr Chris Lennings, 9351 9587

C.Lennings@cchs.usyd.edu.au, Room G125, Cumberland Campus, C42

BEHS1108 Research Methods I: Design

3 credit points, Undergraduate, **Fee:** \$660

This Unit introduces students to the research process and focusses on developing informed consumers of research. It begins with a brief consideration of the philosophy of sciences, then covers research ethics, qualitative and quantitative research, the development of research questions and the specification of hypotheses and variables, conceptualisation and operationalisation, sampling issues, validity and reliability. A broad range of research methods will be introduced, including experimental research, single case designs, surveys, interview and observational studies, secondary data analysis and content analysis. Data quantification techniques will be discussed and students will be introduced to research applications in the health sciences including needs assessment, evaluation research, action research and epidemiology.

Assessment: Assignment 1 (15%), Assignment 2 (20%), MC Exam 2 hrs (65%)

Contact hours: 5 hrs per week

Proposed Lecturer/s: Zakia Hossain; Michael Hough

Departmental Contact: Rob Heard, 9351 9498

R.Heard@cchs.usyd.edu.au, Room G213, Cumberland Campus, C42

DEPARTMENT OF BIOMEDICAL SCIENCES

Departmental Contact: Peter Knight, 9351 9339

P.Knight@cchs.usyd.edu.au, Room L223, East Street, Lidcombe 2141, C42

B10S1054/1068/1084 Introductory Human Biology

4 credit points, Undergraduate, **Fee:** \$880

Runs from 27/1/99-13/2/99.

This Unit presents aspects of the basic chemistry, biochemistry and physiology which underlie the normal function of the human body. The topics considered include

general cellular structure and function, cell metabolism, protein synthesis, cell division, the principles of homeostasis, genetics and blood.

Assessment: 2 hr exam (MCQ), 1 hr exam (MCQ)

Contact hours: 16 hrs per week

Proposed Lecturer/s: P. Knight, L. Batmanian, F. Huq, G. Lee

BIOS1070/1082 Introductory Neurobiology

3 credit points, Undergraduate, **Fee:** \$660

Runs from 1/2/99-12/2/99.

This Unit introduces the student to the basic structure and function of the nervous system, and the physiology of nerve receptors, synapses and neuromuscular transmission. The structure, contractile process, muscle mechanics and biochemistry of skeletal and smooth muscle are covered. The Unit includes laboratory classes in which human cadavers are studied; attendance at such classes is required.

Assessment: 100% multiple choice 2 hr exam

Contact hours: 12 hrs per week

Proposed Lecturer/s: J. Burne, I. Cathers

SCHOOL OF EXERCISE AND SPORTS SCIENCE

EXSS1004 Fitness Appraisal

3 credit points, Undergraduate, **Fee:** \$930

Runs from 11/1/99-19/2/99,

This Unit is designed to provide students with the ability to administer exercise tests with an attention to safety and the variability of the individual with respect to age, gender and differing levels of fitness. On completion of the Unit, students will be able to administer graded exercise tests, prescribe individualised exercise routines and demonstrate competent supervision of exercise.

Assessment: 2 written exams including written practical component

Contact hours: 4 hrs per week

Proposed Lecturer/s: TBA

Departmental Contact: A/Professor M. Thompson, 9351 9460

M.Thompson@cchs.usyd.edu.au, Room S139, Cumberland Campus, C42

EXSS1005 Sports First Aid Trainer

3 credit points, Undergraduate, **Fee:** \$930

This Unit aims to provide students with appropriate skills and training for the effective initial management of sport injury situations. On completion of the Unit students will be able to execute immediate first aid care with particular attention to extreme environments, soft tissue injuries and demonstrate a sound understanding of communicable diseases and their precautions. Principles and practices for the role of the Sports Trainer in relation to specific injury management will be explored.

Assessment: 2 hr written exam and practical competency exam

Contact hours: 5 hrs per week

Proposed Lecturer/s: TBA

Departmental Contact: Dr Margaret Torode, 9351 9138

M.Torode@cchs.usyd.edu.au, Room S140A, Cumberland Campus, C42

EXSS1009 Resistance Training

3 credit points, Undergraduate, Fee: \$930

This Unit provides students with understanding of the principles and application of strength training. On completion of this Unit students will understand the physiological basis of resistance training, structure an effective resistance training program, and provide strategies to facilitate compliance.

Assessment: 20% participation in practicals, 80% exam (90 min MCQ and short answers)

Contact hours: 4 hrs per week

Proposed Lecturer/s: TBA

Departmental Contact: A/Professor M. Thompson, 9351 9460

M.Thompson@cchs.usyd.edu.au, Room S139, Cumberland Campus, C42

FACULTY OF LAW

Auditing a Unit of Study

All units from the Faculty of Law may be audited for 75% of the tuition fee.

Applying to enrol as a School Leaver with an HSC

Students who have completed the HSC but are yet to receive a tertiary offer of admission may be permitted to enrol in *LAWS 1006/1000 Legal Institutions*. However, they must consult Student Services in the Faculty prior to enrolment and obtain advice in writing, particularly if they wish to receive credit for the unit in the following academic year. Note that the successful completion of a unit of study in the Summer School is not an offer of admission to the University. Students must proceed through the normal avenues to gain admission.

Prerequisites and Assumed Knowledge

Any prerequisites or assumed knowledge for a given unit are listed below. If no specific prerequisites are mentioned, then none apply for that particular course. For further details about admission requirements in the Summer School, please see the general information at the front of this brochure.

Important Note

Please ensure that you read the 'General Information' section at the front of this booklet in conjunction with this information and that about individual units of study. Refer to the 'Admission Requirements' and 'Completing Course Requirements' sections below before deciding which units to enrol in, particularly if you are undertaking Summer School units with the intention of completing all course requirements and thus being eligible to graduate in 1999.

Faculty of Law Contact

Dr Craig Arnott, 9351 0210
carnott@law.usyd.edu.au, Room 1324, Law School, C13

LAWS1000 (Graduate Law)/LAWS1006 (Combined Law)

Legal Institutions

8/6 credit points, Undergraduate, **Fee:** \$2664/\$1998

Runs from 11/1/99-19/2/99 (inclusive of assessment).

This Unit of Study aims to provide part of the foundation core for the study of Law. It consists of four components. The first, Sources of Law, involves an examination of the origins and development of common law (and equity); statute law; custom and other major sources of law; the basic nature and role of international law; and concepts of fundamental rights. The second component, Sovereignty and

Representative Democracy, examines constitutionalism and constitutional history; legislative process; the relationship between law, government and politics; and the law reform process. The third component, Judicial and Executive Functions, provides an introduction to courts, tribunals and judicial method; other forms of dispute resolution; and regulatory and enforcement agencies. The fourth component, the Relationship between the Legislature and the Judiciary, provides an introduction to statutory interpretation and judicial review.

Assessment: Case assignment; Essay; Seminar work

Contact hours: 8 hrs per week (12 hrs in final week)

Proposed Lecturer/s: Lyndal Taylor

LAWS2003 Corporate Law

8 credit points, Undergraduate, **Fee:** \$2664

Runs from 11/1/99-11/2/99 (exam in the week following).

This Unit of Study considers the legal structure of the corporation as an organisational form for both public and proprietary companies. It is designed as an introduction to both the law of corporations and the Australian context in which that operates. The focus of this Unit is on the nature of the corporation and its governance structure. The Unit covers issues such as the implications of the company as a separate legal entity, power to bind the company, duties of directors, and shareholders' rights and remedies. Students will be required to evaluate critically existing corporate law and reform proposals, with particular reference to legislative policy and underpinning theory.

Prerequisite: Knowledge of contract law is essential. Administrative and criminal law is advisable.

Assessment: Class exercises 30%, essay 30% (3000 words), Open book exam (2 hour) 40%

Contact hours: 12 hrs (6 x 2 hr seminars) per week

Proposed Lecturer/s: Joellen Riley (possibly some guests)

LAWS3005 Aboriginal Peoples & Australian Legal Systems

8 credit points, Undergraduate, **Fee:** \$2664

This Unit of Study analyses the relationship between the indigenous people of Australia and the Anglo-Australian legal system. It considers the historical development of that relationship as well as its contemporary forms. The Unit will consider a number of recent government enquiries, including the Australian Law Reform Commission's 'Report on the Recognition of Aboriginal Customary Laws', the Human Rights and Equal Opportunity Commission's 'Inquiry into Racist Violence', the Royal Commission into Aboriginal Deaths in Custody, and the National Inquiry into the Separation of Aboriginal and Torres Strait Islander Children from their Families. This Unit will conclude by discussing the impact of the High Court decision on Mabo, the introduction of native title legislation, and new political structures such as the Torres Strait Regional Authority and other regional agreements. A theme running

through the program will be the importance of self-determination and the implication self-determination has for Australian law.

Assessment: Essay style exam and short research paper.

Contact hours: 8 hrs/wk for 5 weeks, 12 hrs/wk for 1 week

Proposed Lecturer/s: Desmond Sweeney

LAWS3020 Criminology

8 credit points, Undergraduate, **Fee:** \$2664

Runs from 5/1/99-2/2/99 (assessment due by 16/2/99).

This Unit of Study aims to introduce students to the theoretical issues associated with the definition and explanation of crime and criminality. Rationales for punishment are examined along with sentencing practice, and other possible responses to criminal behaviour are explored. The Unit considers the impact of criminal justice policy and practice on particular groups such as juveniles, women, indigenous people, ethnic minorities and victims of crime. The regulation of particular types of offences such as public order offences or corporate crime are considered. Other topical issues are covered as they arise.

Assessment: Take-home exam and essay (due by 16 Feb)

Contact hours: Seminars: 4 hrs x 3 days x 3 weeks, 4 hrs x 4 days x 1 week

Proposed Lecturer/s: Garry Coventry

LAWS3024 Environmental Law

8 credit points, Undergraduate, **Fee:** \$2664

This Unit of Study introduces students to the legal and institutional implications of adopting the precept of ecologically sustainable development, particularly for governments and corporations. The course begins with a discussion of environmental ethics, followed by an exploration of its ramifications for policy and decision making, legal structures and processes, accountability, and federal and international relations. Various fields of regulation (including land-use; pollution and natural resources), and decision-making processes (including environmental impact assessment and environmental dispute resolution) provide the context in which to develop the issues. An important focus of the course is the Environmental Planning and Assessment Act 1979 (NSW) and cognate legislation.

Assessment: Seminar presentation 20%, essay 80%

Contact hours: 1st week: 4 hrs seminars Wks 2-7: 8 hrs seminars

Proposed Lecturer/s: Robyn Gilbert

LAWS3034 International Human Rights Law

8 credit points, Undergraduate, **Fee:** \$2664

Runs from 5/1/99 -29/1/99 (assessment complete by 1/2/99).

This Unit of Study will explore various issues in the area of international human rights, including civil and political rights, social and economic rights, rights of

peoples and refugees. We will also be looking in relation to the treatment of people in armed conflicts. Students must have completed International Law.

Prerequisite: International Law

Assessment: Essay and take-home exam

Contact hours: 8 hrs of seminars per week (12 hrs in first week)

Proposed Lecturer/s: David Kinley

LAWS3059 Media Law

8 credit points, Undergraduate, **Fee:** \$2664

This Unit of Study is intended to allow students to examine and analyse a number of important legal issues affecting the freedom of the media and others to collect, produce, reproduce and disseminate material, both factual and fictional and whether in print, film or by broadcast. The Unit will concentrate on common law, equitable and statutory privileges and restrictions on the conduct of the media and other parties engaged in the arts, publications or performance. Both civil and criminal sanctions will be examined as will the role of the courts, parliament and other organisations in the regulation of the media. The Unit will also include an introduction of the licensing and regulation of ownership and control of media organisations. Students will be expected to be able to identify and apply the current legal rules and to evaluate their efficacy in protecting and balancing various interests in society: freedom of expression, protection of reputation, privacy, freedom from harassment, protection of confidential information, copyright interests, the right to a fair trial, public interest in the due administration of government and justice. Topics to be covered: 1. Freedom of expression and the role of the media in society 2. Defamation and the protection of reputation 3. Privacy 4. The media and court proceedings 5. Offensive and prohibited communications 6. Copyright and the media.

Prerequisite: Reasonable knowledge of Australian legal system, relationship between common law and statute law. Introductory reading will be recommended for non-lawyers.

Assessment: Essay 40% and exam (open book) 60%. Possible class participation mark depending on enrolments.

Contact hours: 8 hrs seminars per week

Proposed Lecturer/s: Ms Barbara McDonald, Dr Patricia Loughlan, Dr Roger Magnusson.

Departmental Contact: Ms Barbara McDonald, 9351 0307
barbaram@law.usyd.edu.au, Room 1120, Law School, C13

FACULTY OF MEDICINE

Auditing a Unit of Study

ANAT2001 Principles of Histology and *SSSU0003 Introductory Anatomy* may be audited for 75% of the tuition fee, the other units on offer may not be audited.

Prerequisites and Assumed Knowledge

Any prerequisites or assumed knowledge for a given unit are listed below. If no specific prerequisites are mentioned, then none apply for that particular course. For further details about admission requirements in the Summer School, please see the general information at the front of this brochure.

Important Note

Please ensure that you read the 'General Information' section at the front of this booklet in conjunction with this information and that about individual units of study. Refer to the 'Admission Requirements' and 'Completing Course Requirements' sections below before deciding which units to enrol in, particularly if you are undertaking Summer School units with the intention of completing all course requirements and thus being eligible to graduate in 1999.

DEPARTMENT OF ANATOMY AND HISTOLOGY

ANAT2001 Principles of Histology

4 credit points, Undergraduate, **Fee:** \$880

This Unit of Study covers the principles of cell biology and study of the structure of cells, tissues and organ systems at the light and electron microscopic levels. Instruction will also focus on practical applications of histological techniques and analysis for research.

Textbooks: Ross, M.H., Romrell, L.J. & Kaye, G.L. *Histology: A Text and Atlas* (3rd edn), Williams & Wilkins, 1995; Histology Practical Book (consult Departmental noticeboards)

Reference Books: Gilbert, Scott F. *Developmental Biology* (4th edn), Sinauer, 1994; Alberts, B et al. *Molecular Biology of the Cells*, Garland N.Y., 1994

The histology text and practical book are to be purchased before the first practical class.

Prerequisite: 12 credit points of junior Biology or Psychology or with permission of Head of Department

Assessment: 1 hr theory and 1 hr practical exam

Contact hours: 24 hrs in week 1, 6 hrs per week for weeks 2-7

Proposed Lecturer/s: Anatomy staff and casuals

Departmental Contact: Robin Arnold, 9351 3955
ra@anatomy.usyd.edu.au, Room S224 or Main Office, Room S254, Anderson Stuart, F13

SSSU0001 Histology Skills

Bridging Course - no credit point value. **Fee:** \$550

Basic microscopy of cells, tissues and selected organ systems. **Runs from 8 January to 19 February 1999.**

Preference may be given to Graduate Medical Program candidates in the event that this unit is over-enrolled. Students will receive a certificate of participation provided that their attendance and participation has been satisfactory.

Assessment: Satisfactory attendance and participation at lectures and practical classes.

Contact hours: 5 hrs per week for 7 weeks

Proposed Lecturer/s: Anatomy staff and casuals

Departmental Contact: CD. Shorey or Tim Shaw, 9351 2508 (TS)
tims@anatomy.usyd.edu.au, Room 366 or Main Office, Room S254, Anderson Stuart, F13

SSSU0002 Introduction to Topographical Anatomy

Bridging Course - no credit point value. **Fee:** \$1760

An introduction to topographical anatomy. **Runs from 11 January to 19 February.**

Preference may be given to Graduate Medical Program candidates in the event that this unit is over-enrolled. Students will receive a certificate of participation provided that their attendance and participation has been satisfactory.

Assessment: Satisfactory attendance and participation at lectures and practical classes.

Contact hours: 18 hrs per week

Proposed Lecturer/s: Anatomy staff and casuals

Departmental Contact: CD. Shorey or Robin Arnold, 9351 3955
ra@anatomy.usyd.edu.au, Room S224 or Main Office, Room S254, Anderson Stuart, F13

SSSU0003 Introductory Anatomy

4 credit points, Undergraduate, **Fee:** \$1240

Runs from 11 January to 19 February.

The course covers brain, spinal cord and peripheral nervous system, musculoskeletal, and vertebral anatomy with particular reference to thoracic and abdominal walls and vertebral column, cardiovascular anatomy and pelvis and perineum. The urinary, reproductive, endocrine, respiratory and digestive systems are also studied. The course consists of 7-10 lectures and 8-11 hours practical per week using prosected specimens, X rays, museum specimens and models of human tissues and organs.

Recommended texts: A gross anatomy atlas; *Essential Anatomy*, Lumley, Craven & Aitken

Note: This course is an alternative to ANAT2002 (BSc 2nd year intermediate). It will be accepted as an equivalent to ANAT2002 as a prerequisite for PHSI3001 Neuroscience & Anatomy and ANAT3004 Cranial & Cervical Anatomy, but not for ANAT3006 Forensic Osteology (except with permission of Head of Department).

Prerequisite: 12 credit points of junior Biology or Psychology or with permission of Head of Department.

Assessment: 2 hr theory and 1 hr practical exam

Contact hours: 18 hrs per week for 2 weeks, 10 hrs in week 3, 6 hrs plus revision in week 4

Proposed Lecturer/s: Anatomy staff and casuals

Departmental Contact: Robin Arnold, 9351 3955
ra@anatomy.usyd.edu.au, Room S224 or Main Office, Room S254, Anderson Stuart, F13

ORANGE AGRICULTURAL COLLEGE

Auditing a Unit of Study

The unit being offered by Orange Agricultural College may not be audited.

Applying to enrol as a School Leaver with an HSC

Students who have completed their HSC but have not yet received a tertiary offer of admission may be permitted to enrol in *RMBU 1634 An Introduction to Law*. "Accelerated" HSC students may be considered for this subject - please apply directly to the College in the first instance. Note that the successful completion of a unit of study in the Summer School is not an offer of admission to the University. Students must proceed through the normal avenues to gain admission.

Prerequisites and Assumed Knowledge

There are no prerequisites for this unit of study.

Important Note

Please ensure that you read the 'General Information' section at the front of this booklet in conjunction with this information and that about individual units of study. Refer to the 'Admission Requirements' and 'Completing Course Requirements' sections below before deciding which units to enrol in, particularly if you are undertaking Summer School units with the intention of completing all course requirements and thus being eligible to graduate in 1999.

RMBU1634 Introduction to Law

6 credit points, Undergraduate, **Fee:** \$1320

The foundations of legal perspectives are established with an introduction to the Australian legal system, the law of tort and contract, business structures, employment law, property law, agricultural law and debt collection. A rural management case study is used.

This Unit runs for the formal Summer School period (4 Jan to 19 Feb) with pre-session extra time for early enrollees. This results from the agreement that the Learning Materials Package will be posted (from the beginning of December) to students who have formally enrolled.

Assessment: 4 assignments and no final examination

Contact hours: Students will undertake this Unit primarily by directed independent study. A detailed Learning Materials package is dispatched to students upon enrolment. Two four hour lecture/tutorial sessions are planned, to be held on the Camperdown Campus. Other contact with academic staff will be by telephone, fax and/or electronic mail.

Proposed Lecturer/s: Mr A.N.G. Smith (Unit Coordinator, Lecturer, principal tutor/marker)

Ms Jan Toner (additional tutor/marker if enrolments are high)

Departmental Contact: Mr Tony Smith, Dr Mary Jane Mahony, 6360 5654 (Smith), 6360 5520 (Mahony)

Tony.Smith@oac.usyd.edu.au, PO Box 883, Orange NSW, 2800

FACULTY OF SCIENCE

Auditing a Unit of Study

Faculty of Science units may not be audited.

Applying to enrol as a School Leaver with an HSC

Students who have completed the HSC but have not yet received a tertiary offer of admission may be permitted to enrol in junior science units of study **providing** that they have completed the requisite HSC subjects to meet assumed knowledge requirements. Credit for these units will be available if the student subsequently enrolls in an award course in the Faculty of Science at the University of Sydney, as long as the unit is acceptable to that award course and enrolment occurs within the time required. However, the student must confirm with the Faculty Office that credit will be given *before* undertaking a Summer School unit of study, and obtain this advice in writing so that if they enrol in the following academic year they can submit this with their application for credit. Note that the successful completion of a unit of study in the Summer School is not an offer of admission to the University. Students must proceed through the normal avenues to gain admission.

Prerequisites and Assumed Knowledge

Any prerequisites or assumed knowledge for a given unit are listed below. If no specific prerequisites are mentioned, then none apply for that particular course. For further details about admission requirements in the Summer School, please see the general information at the front of this brochure.

Important Note

Please ensure that you read the 'General Information' section at the front of this booklet in conjunction with this information and that about individual units of study. Refer to the 'Admission Requirements' and 'Completing Course Requirements' sections below before deciding in which units to enrol, particularly if you are undertaking Summer School units with the intention of completing all course requirements and thus being eligible to graduate in 1999.

DEPARTMENT OF BIOCHEMISTRY

Departmental Contact: Dr Michael Thomas, 9351 2475
m.thomas@biochem.usyd.edu.au, Room 605, Biochemistry, G08

BCHM2001 Genes and Proteins

8 credit points, Undergraduate, **Fee** (for 4 credit point equivalent theory component only): \$880

The lectures in this Unit of Study introduce the main principles of biochemistry i.e. the molecular basis of life. In the beginning, the Unit of Study concentrates on proteins and, in particular, the mechanism of action of enzymes in the light of what we know of their structures. The second half of the Unit of Study concentrates on nucleic acids (DNA and RNA) as the molecules of heredity and gene expression, and includes a section on DNA replication, transcription and translation. The processes of replication and transcription are highly controlled in multicellular organisms and these control mechanisms are discussed. The last section of the Unit of Study will describe how these processes are put together in a whole organism in order to maintain life. Particular emphasis will be put on the anabolism and catabolism of fuels under normal conditions and under conditions of feeding, starvation or exercise.

Prerequisite: Qual 6 credit points of Junior Chemistry which must include one of Chemistry 1101, 1102, 1901, 1902, 1903, 1904 or, with the permission of the Head of Department, exceptional performance in Chemistry 1001 or 1002.

NOTE: OFFERED ONLY TO STUDENTS WHO ARE ELIGIBLE FOR AN EXEMPTION IN THE PRACTICAL COMPONENT.

Assessment: One 3 hr exam

Contact hours: 7 hrs per week

Proposed Lecturer/s: TBA

BCHM2002 Molecules, Metabolism and Cells

8 credit points, Undergraduate, **Fee** (for 4 credit point equivalent theory component only): \$880

This Unit of Study aims to describe how cells work at the molecular level. The chemical reactions which occur inside cells are described in the first series of lectures, Cellular Metabolism. Aspects of the molecular architecture of cells which enable them to function and communicate are described in the second half of the Unit of Study, Molecular Aspects of Cell Biology. At every stage the Unit of Study relates how the function of each individual cell is coordinated and integrated with other cells, especially in humans.

Cellular Metabolism

How cells extract energy from fuel molecules like fatty acids and carbohydrates. The regulation of energy extraction. How the body selects which fuels to use under different circumstances such as starvation and exercise. The metabolic inter-

relationships of the muscle, brain, adipose tissue and liver. The role of hormones in coordinating the regulation of fuel utilisation and the mobilisation of fuel stores. How cells lay down stores of fuels. The synthesis and storage of fat and carbohydrate. The digestion of fats, starches and sugars and the use of ingested materials to make new cellular components. Synthesis and use of biochemical building blocks. The chemistry of life: the strategies and mechanisms involved in biochemical reactions and the involvement of coenzymes and vitamins in biological inter-conversions.

Molecular Aspects of Cell Biology

Sub-cellular engineering; cytoskeleton and molecular motors. Intracellular motion and the mechanism of muscle contraction. Cell membranes and cell walls. Transport across cell membranes. Communication between cells via cell surface receptors. The molecular mechanism of hormone action and the transduction of cellular signals.

Prerequisite: Qual Biochemistry 2001, 2101 or 2901 or with permission of Head of Department. NOTE: OFFERED ONLY TO STUDENTS WHO ARE ELIGIBLE FOR AN EXEMPTION IN THE PRACTICAL COMPONENT.

Assessment: One 3 hr exam

Contact hours: 7 hrs per week

Proposed Lecturer/s: TBA

BCHM2101 Genes and Proteins Theory

4 credit points, Undergraduate, **Fee:** \$880

Descriptor details as for BCHM2001.

Prerequisite: Qual 6 credit points of Junior Chemistry which must include one of Chemistry 1101, 1102, 1901, 1902, 1903, 1904 or, with the permission of the Head of Department, exceptional performance in Chemistry 1001 or 1002

Assessment: One 3 hr exam

Contact hours: 7 hrs per week

Proposed Lecturer/s: TBA

BCHM2102 Molecules, Metabolism and Cells Theory

4 credit points, Undergraduate, **Fee:** \$880

Descriptor details as for BCHM2002.

Prerequisite: Qual Biochemistry 2001, 2101 or 2901 or with permission of Head of Department

Assessment: One 3 hr exam

Contact hours: 7 hrs per week

Proposed Lecturer/s: TBA

SCHOOL OF BIOLOGICAL SCIENCES

BIOL1001 Concepts in Biology

6 credit points, Undergraduate, **Fee:** \$1860 or \$1320 if you have an exemption from the practical component of the course

'Concepts in Biology' is an introduction to the major themes of modern biology. Starting with interactions between organisms in biological communities, we move on to the diversity of microorganisms, plants and animals. This is followed by introductory cell biology, which particularly emphasises how cells obtain and use energy, and leads into an introduction to molecular biology through the role of DNA in protein synthesis and development. The genetics of organisms is then discussed, leading to consideration of theories of evolution and the origins of the diversity of modern organisms. It is recommended that this Unit of Study be taken before all other junior units of study in Biology.

Assumed Knowledge: Biology section of HSC 3/4 Unit Science.

Assessment: By coursework and examination

Contact hours: 14 hrs per week

Proposed Lecturer/s: TBA

Departmental Contact: Professor A W Larkum, 9351 2069/2384
alark@bio.usyd.edu.au, Room 250, Macleay Building, A12

SCHOOL OF CHEMISTRY

Departmental Contact: Dr Adrian George/Professor Les Field, 9351 6055
george@chem.usyd.edu.au, School of Chemistry, F11

CHEM1101 Chemistry 1A

6 credit points, Undergraduate, **Fee:** \$1860 or \$1320 if you have an exemption from the practical component

Chemistry 1A is built on a satisfactory prior knowledge of the chemistry component of the HSC 3/4 Unit Science course or 2 Unit Chemistry. A brief revision of basic concepts of the high school course is given. Chemistry 1A covers chemical theory and physical chemistry.

Assumed Knowledge: HSC 2 Unit Mathematics, Chemistry component of 3/4 Unit Science or 2 Unit Chemistry

Assessment: 3 hr exam (55%), continuous assessment (30%), lab work (15%)

Contact hours: 13 hrs (6 hrs of lectures, 1 hr of tutorial, 6 hrs of lab) per week

Proposed Lecturer/s: Dr Adrian George

CHEM1102 Chemistry 1B

6 credit points, Undergraduate, **Fee:** \$1860 or \$1320 if you have an exemption from the practical component

Chemistry 1B is built on a satisfactory prior knowledge of Chemistry 1A and covers inorganic and organic chemistry. Chemistry 1B is an acceptable prerequisite for entry into Intermediate Chemistry units of study.

Prerequisite: Chemistry 1101 or a distinction in Chemistry 1001

Assessment: 3 hr exam (55%), continuous assessment (30%), lab work (15%)

Contact hours: 13 hrs (6 hrs of lectures, 1 hr of tutorial, 6 hrs of lab) per week

Proposed Lecturer/s: Dr Adrian George

DEPARTMENT OF COMPUTER SCIENCE

Departmental Contact: Associate Prof Bob Kummerfeld, 9351 4777
bob@cs.usyd.edu.au, Room G70b, Madsen, F09

COMP1000 Information Technology Tools

6 credit points, Undergraduate, **Fee:** \$1320

A critical study of common computer applications (including word processors, spreadsheets, databases, image processing packages and web browsers). Emphasis will be given to acquiring a sophisticated level of skills in the usage of these tools. This will include: examining common concepts within and between classes of applications, the ability to transfer skills between releases and alternative packages, customisation and automation of environments, and the ability to design solutions to problems and use a tool to implement that solution. A central focus of this Unit of Study will be the application of critical thinking to the problems of tool use, including the evaluation of tools and the selection of a suitable tool, and the evaluation of information produced by tools (including knowledge of common sources of error or misunderstanding, and ways to avoid them).

Assessment: Assignment, written exam, prac exam

Contact hours: 2 lectures, 2 tutorials and 8 pracs per week

Proposed Lecturer/s: TBA

COMP2004 Programming Practice 4

4 credit points, Undergraduate, **Fee:** \$880

In this Unit of Study we attack the task of the programmer from an engineering viewpoint. This means that a major focus is on using existing tools as building blocks to complete a task. This Unit of Study will teach C++ programming, its idiom and its considerable array of powerful programming tools. In addition, students will study the implementation of some of the library tools so that they gain an appreciation of how much better these are than a typical programmer would be able to create. In addition, it will introduce students to some of the very elegant ideas from computer science that have been applied in the construction of the tools.

Prerequisite: Qual: COMP1002 or 1902, Prereq: COMP2002 or 2902 or with permission of Head of Department

Assessment: Assignments, written exam

Contact hours: 4 lectures, 2 tutorials per week

Proposed Lecturer/s: TBA

COMP3102 User Interface Design and Programming 4

4 credit points, Undergraduate, **Fee:** \$880

This Unit of Study introduces several of the critical elements programmers need to create effective user interfaces. These include the essentially technical skills used in creating several of the major types of interface as well as human and design issues. Critical to designing an effective interface is familiarity with the substantial body of knowledge about cognitive and perceptual constraints. The technical skills of User Interface programming include learning current tools for building interfaces. The Unit of Study will introduce students to 'web-technology', programming of interfaces in the World-Wide-Web environment, a visual programming environment and the Python scripting language and TK toolkit for building graphical interfaces.

Prerequisite: Qual: COMP2004 or 2904, Prereq: COMP2002 or 2902 and 2003 or 2903 or with permission of Head of Department

Assessment: Assignments, written exam

Contact hours: 4 lectures, 2 tutorials per week

Proposed Lecturer/s: TBA

SCHOOL OF MATHEMATICS AND STATISTICS

Departmental Contact: Dr Roger Eyland, 9351 3050

R.Eyland@maths.usyd.edu.au, Room 522, Carslaw Building, F07

MATH1001 Differential Calculus

3 credit points, Undergraduate, **Fee:** \$660

Functions: domain, range, graphs. Composite functions. Hyperbolic functions. Surjective and injective functions. Bijections, inverses. More inverses; derivatives of inverses. Limits. Continuity; intermediate value theorem. Differentiable functions; extreme value theorem. Rolle's theorem and the mean value theorem. L'Hopital's rule. Functions and Geometry. Parametrised curves and vector functions. Functions of two variables, surfaces, level curves.

Two variable calculus. Limits and continuity for functions of two variables. Partial derivatives. Tangent planes. Second order partial derivatives; differentials. Chain rule. Implicit differentiation. Directional derivatives. Gradient, grad. Integration. Indefinite integrals, substitution. Trigonometric and hyperbolic substitution; using a table. Integration by parts. Reduction formulae. Partial fractions.

Textbook: James Stewart. *Calculus*. Brooks/Cole Publishing Company, Pacific Grove, CA93950, USW, third edition, 1995, ISBN 0534217982.

Reference Books: Deborah Hughes-Hallet et al. *Calculus*. John Wiley and Sons Inc, New York, NY, USA, international edition, 1994. ISBN 047159363X

Stanley I. Grossman. *Calculus*. Harcourt Brace College Publishers, USA, fifth edition, 1992. ISBN 0030969719.

P. B. Kirkpatrick. *Differential Calculus*. School of Mathematics and Statistics. University of Sydney, Sydney, NSW, Australia. 1996.

N. R. O'Brian. *Integral Calculus*. School of Mathematics and Statistics. University of Sydney, Sydney, NSW, Australia, 199

G. B. Thomas and R. L. Finney. *Calculus and Analytic Geometry*. Addison Wesley, Reading, MA, USA, ninth edition, 1996. ISBN 00201531747.

R. F. C. Walters and K. Wehrhahn. *Calculus 1*. Carslaw, second edition, 1989.

Assumed Knowledge: HSC 3 Unit Mathematics

Assessment: 85% examination, 15% coursework

Contact hours: 6 hrs per week

Proposed Lecturer/s: TBA

MATH1002 Linear Algebra

3 credit points, Undergraduate, **Fee:** \$660

Vectors: Scalars and geometric vectors as objects having magnitude and direction. Addition: parallelogram rule and/or triangle rule. Examples: position vectors of points in space, velocities, forces, displacements. Geometry using vectors. Vectors in two and three dimensions. Cartesian representation. Polar forms. Scalar or dot product. Projection. Vector or cross product. Application to trigonometry. Applications of vectors to equations of lines and planes. Lines normal to planes; planes normal to lines; lines normal to lines.

Complex Numbers: Definitions, basic addition and multiplication operations. Geometric/vector representation, Argand diagram, modulus and conjugate. Solving quadratics. Polar form, de Moivre's theorem, exponential function, Euler's theorem.

Linear Algebra: Solving systems of linear equations by row reducing augmented matrix. Completely reduced matrices. Addition and multiplication of matrices. Multiplication by a scalar. Matrix algebra, identity matrix, inverse matrices. Solving systems of linear equations by using inverses. Elementary matrices, finding inverses by row reduction. Expressing a matrix and its inverse as products of elementary matrices. Determinants, by row expansions. Rules for evaluating determinants. Effect of elementary row operations. Determinants of products and of inverses of square matrices. Linear transformations. Eigenvectors, eigen values of linear transformation.

Textbooks: C. J. Durrant. *Vectors*. School of Mathematics and Statistics. University of Sydney, Sydney, NSW, Australia. 1997.

S. Glasby and J. Henderson. *Algebra*. School of Mathematics and Statistics. University of Sydney, Sydney, NSW, Australia. 1997.

James Stewart. *Calculus*. Brooks/Cole Publishing Company, Pacific Grove, CA93950, USA, third edition, 1995, ISBN 0534217982.

Reference Books: H. Anton and C. Rorres. *Elementary Linear Algebra with Applications*. Wiley, 1987.

Assumed Knowledge: HSC 3 Unit Mathematics

Assessment: 85% examination, 15% coursework

Contact hours: 6 hrs per week

Proposed Lecturer/s: TBA

MATH1003 Integral Calculus and Modelling

3 credit points, Undergraduate, **Fee:** \$660

Integration. Riemann sums. Fundamental theorem of integral calculus, part 1. Logarithm and exponential functions. Fundamental theorem of integral calculus, part 2. Slicing. Average value. Arc length, line integrals and work. Geometric and infinite series. Taylor polynomials. Taylor series and remainder term. Binomial series.

Differential equations and modelling. An introduction to the use of first and second order differential equations to model a variety of scientific phenomena. Mathematical modelling is a process in which mathematical relationships are proposed between quantities obtained from empirical data. In turn these mathematical relationships are used to forecast likely outcomes and the forecasts are tested against known outcomes. Types of differential equations include: First order: separable (including logistic); linear: systems of two first order linear. Second order: homogeneous and non-homogeneous linear differential equations. The treatment includes geometric (direction fields) and symbolic interpretation of differential equations.

Textbooks: James Stewart. *Calculus*. Brooks / Cole Publishing Company, Pacific Grove, CA93950, USA, third edition, 1995, ISBN 0534717982.

Reference Books: C. J. Durrant and C. J. Galloway. *Mathematical Modelling*. School of Mathematics and Statistics, University of Sydney, Sydney, NSW, Australia, 1995.

Deborah Hughes-Hallet et al. *Calculus*. John Wiley and Sons Inc, New York, NY, USA, international edition, 1994. ISBN 047159363X

S. V. Fagg, *Differential Equations*. English Universities Press, London, UK, 1973, ISBN 034018668.

Stanley I. Grossman. *Calculus*. Harcourt Brace College Publishers, USA, fifth edition, 1992. ISBN 0030969719.

N. R. O'Brian. *Integral Calculus*. School of Mathematics and Statistics. University of Sydney, Sydney, NSW, Australia, 199

G. B. Thomas and R. L. Finney. *Calculus and Analytic Geometry*. Addison Wesley, Reading, MA, USA, ninth edition, 1996. ISBN 00201531747.

R. F. C. Walters and K. Wehrhahn. *Calculus 1*. Carlaw, second edition, 1989.

Assumed Knowledge: HSC 4 Unit Mathematics or MATH1001

Assessment: 85% examination, 15% coursework

Contact hours: 6 hrs per week

Proposed Lecturer/s: TBA

MATH1004 Discrete Mathematics

3 credit points, Undergraduate, **Fee:** \$660

This module is an introduction to fundamental aspects of discrete mathematics, an area of mathematics which deals with "things that come in chunks that can be counted". It focusses on the enumeration of a set of numbers, viz Catalan numbers. Sets and functions. Counting principles. Ordered selections. Unordered selections. The inclusion-exclusion principle. Multinomial coefficients. Boolean expressions. Karnaugh maps. Logic. Digital Logic. Mathematical induction. Generating functions. Linear recurrence relations. Graphs and trees.

Textbook: KG Choo and DE Taylor. *Introduction to Discrete Mathematics*.

Longman Cheshire, Melbourne, Vic, Australia, 1995. ISBN 0582800552.

Reference: PF Dierker and WL Voxman. *Discrete Mathematics for Computer Scientists*.

Harcourt-Brace-Jovanovic, San Diego, CA, USA, 1986. ISBN 0155176919.

Assumed Knowledge: HSC 3 Unit Mathematics

Assessment: 85% examination, 15% coursework

Contact hours: 6 hrs per week

Proposed Lecturer/s: TBA

MATH1005 Statistics

3 credit points, Undergraduate, **Fee:** \$660

Data Analysis. Histograms, stem-leaf displays. Introduction to SPIDA. Quartiles, box-plots. Transformations for symmetry. Summary statistics. Bivariate data: correlation; regression.

Probability. Introduction. Probability rules. Integer random variables, binomial. Expectation. Variance. Introduction to continuous random variables. Normal model, use of tables. General normal. Sampling. Sampling and the Central Limit Theorem. Normal approximation to the binomial.

Inference. One and two-sided tests for p . Sign test (anon-parametric test) Normal test for mean, t-test for mean/paired t-test. Confidence intervals (mean). Confidence intervals. Chi-squared tests: goodness of fit.

Textbooks: M C Phipps & M P Quine. *A Primer of Statistics*. Prentice Hall, Sydney, NSW, Australia, 2nd ed., 1996. ISBN 0724809465

Reference: J E Freund & G A Simon, *Modern Elementary Statistics*. Prentice Hall, Upper Saddle River, NJ, USA, ninth ed., 1996. ISBN 0132070103

Assumed Knowledge: HSC 2 Unit Mathematics

Assessment: 85% examination, 15% coursework

Contact hours: 6 hrs per week

Proposed Lecturer/s: TBA

MATH2001 Vector Calculus and Complex Variables

4 credit points, Undergraduate, **Fee:** \$880

This Unit of Study has two major components: firstly, a study of functions of several real variables from a vector point of view, and secondly an introduction to functions

of a complex variable. Vector calculus topics include critical points of functions of two variables, line integrals and multiple integrals, surface integrals, change of variables, theorems of Green, Gauss and Stokes with their physical significance. Complex variables topics include definitions and properties of complex functions, differentiability, Cauchy Riemann conditions and analyticity, contour integration and residues.

Textbook: Stewart, J. *Calculus*. Brooks/Cole Publishing Co, 1995

Prerequisite: MATH1702 or MATH1703 or MATH1792 or MATH1793 or with permission of Head of Department.

Assessment: 90% examination, 10% classwork

Contact hours: 8 hrs of lectures/tutorials per week

Proposed Lecturer/s: TBA

MATH2005 Fourier Series and Differential Equations

4 credit points, Undergraduate, **Fee:** \$880

In the Fourier Series segment, periodic phenomena such as wave motion are given a systematic treatment. The basic problem is to represent a periodic function of one variable as the sum of an infinite series of sines and cosines. The theory has extensive applications in engineering, acoustics, internal and surface waves in fluids, etc., as well as in pure mathematics. Then a review of first order equations is followed by a systematic treatment of second order equations using the methods of variation of parameters, undetermined coefficients and the theory of Laplace Transforms. Linear systems of differential equations are treated using matrices and vectors. The final part of the Unit of Study deals with partial differential equations with the emphasis on the application of the method of separation of variables to first and second order linear equations and on Laplace transforms for initial value problems.

Text: Kreyszig, E. *Advanced Engineering Mathematics*. 7th edition. Wiley, 1993.

Note: This text contains useful material for MATH 2002 and MATH 2008.

Prerequisite: MATH2001 or MATH2901 or with permission of Head of Department.

Assessment: 90% examination, 10% classwork

Contact hours: 8 hrs of lectures/tutorials per week

Proposed Lecturer/s: TBA

MATH2009 Graph Theory

4 credit points, Undergraduate, **Fee:** \$880

Broadly, discrete mathematics is about combinations of objects; simple objects like the natural numbers, 1,2,3...; or subsets of a set; or, in this option, points and edges (graphs). It has applications in almost every branch of science, particularly in computer science and engineering. This Unit of Study looks mainly at graphs and their applications, for example to network flows and matching theory (where we prove the celebrated 'Marriage Theorem' of Philip Hall and look at its many applications). We discuss some of the elements of counting theory, building on first-

year work, as they apply to enumeration problems in graph theory. For example, we discuss the elementary theory of trees and their enumeration; the colouring of graphs and maps, and chromatic polynomials.

References: Wilson, R. J. *Introduction to Graph Theory*. 3rd Edition. Oliver & Boyd, 1985. (Copies of this book will be available from the Co-op Bookshop. It is the best book to buy if you want a text.)

Berge, C. *The Theory of Graphs*. Methuen.

Bollobis, B. *Graph Theory - An Introductory Course*. Springer-Verlag.

Bondy, J. A. and U.S.R. Murty. *Graph Theory with Applications*. MacMillan.

Bussacker, R. G. and T. L. Saaty. *Finite Graphs and Networks*. McGraw-Hill.

Liu, C. L. *Introduction to Combinatorial Mathematics*. McGraw-Hill.

Prerequisite: 6 junior credit points of Mathematics (at the distinction level in Life Sciences units) or with permission of Head of Department.

Assessment: 90% examination, 10% classwork

Contact hours: 8hrs of lectures/tutorials per week

Proposed Lecturer/s: TBA

SCHOOL OF PHYSICS

PHYS1500 Astronomy

6 credit points, Undergraduate, **Fee:** \$1860

Runs from 11/1/99-19/2/99

This Unit of Study provides a broad understanding of the structure, scale and diversity of the universe and an appreciation of the scientific methods used to achieve this understanding. Current areas of investigation, new ideas and concepts which often receive wide media attention will be used to demonstrate how science attempts to understand new and remote phenomena and how our ideas of our place in the universe are changing. The range of topics includes the planets, the solar system and its origin, spacecraft discoveries, stars, supernovas, black holes, galaxies, quasars, cosmology and the Big Bang. It also includes an observing session.

Text: Seeds, M.A. *Horizons, Exploring the Universe*, Wadsworth Publishing Company, Belmont CA, USA 5th edition 1998

Assessment: 2 hr exam, 1 essay, lab experiments. Also: 1 tutorial presentation, 1 sky viewing project.

Contact hours: 13 hrs per week

Proposed Lecturer/s: TBA

Departmental Contact: Dr J. W. O'Byrne, 9351 3184

J.Obyrne@physics.usyd.edu.au, Room 311, Physics, A28

DEPARTMENT OF PSYCHOLOGY

PSYC1001 Psychology 1001

6 credit points, Undergraduate, **Fee:** \$1320

Psychology 1001 is a general introduction to the main topics and methods of psychology, and is the basis for advanced work as well as being of use and interest to those not proceeding with the subject. Psychology 1001 covers the following areas: subject matter and methods of psychology; basic statistics and measurement-behavioural neuroscience; sensory processes; social psychology; personality theory.

Assessment: 1 x 1000 word essay, tutorial quiz (30 min), 3 hr exam, optional experimental involvement

Contact hours: 10 hrs per week

Proposed Lecturer/s: James Dalziel + to be advised

Departmental Contact: James Dalziel, 9351 2864

jamesd@psych.usyd.edu.au, Room GT511, Department of Psychology, A19

UNIT FOR HISTORY AND PHILOSOPHY OF SCIENCE

HPSC2002 Introductory History of Science (The Scientific Revolution)

4 credit points, U/G, **Fee:** \$880

This course provides an overview of the central issues and figures in the early modern period when modern science emerged. Topics studied include: the revolution in astronomy, focusing on Galileo, Kepler and Copernicus; the development of scientific instruments such as the microscope and air-pump; the relations between science and religion and the contributions of thinkers such as Newton, Descartes and Harvey.

Assessment: Tutorial workbook and take-home exam

Contact hours: 6 hrs per week

Proposed Lecturer/s: Dr Peter Anstey

Departmental Contact: Dr Peter Anstey, 9351 3856

Peter.Anstey@philosophy.usyd.edu.au, Room 434, Carslaw Building, F07

WHAT ELSE CAN YOU DO AT THE UNIVERSITY OF SYDNEY DURING SUMMER?

CAREERS CENTRE

The University's Careers Centre will be running two programs to coincide with the Sydney Summer School. For further information contact the Careers Centre on 9351 3481.

Career Management Skills

This series of half day modules includes *Career Skills Development* which examines resume writing, job search skills (and the use of the internet), job interview skills and *Career Planning* which includes vocational guidance and lifelong career learning. Participants are invited to select modules according to individual need. The flexible nature of the program is in response to the rapidly changing nature of the labour market and the growing complexity of career paths. Commencing February 1st, 1999.

Cost: \$75.00 for the first module with a \$10 reduction off all additional modules

Vocational Guidance Workshops for HSC Leavers

Many university students make career choices on the basis of inadequate knowledge of both the range of options available and their own interests and abilities. This workshop deals with issues including career interests and values, the types of degrees available at the University and suggested resources to further research your future career options. Workshop Content will include: vocational interests and work aspect preference assessments; self scoring work values; putting interests and values together; course options at the University of Sydney; methods of testing the workshop's findings; suggested resources to further the career search. Runs throughout December and January, workshops begin at 9.30am and conclude at 1.00pm. **Cost:** \$50.00

UUSCSS: UNISYS UNIVERSITY OF SYDNEY COMPUTER SCIENCE (SUMMER) SCHOOL

UUSCSS brings together a group of exceptionally able young people for a week of activities at the Basser Department of Computer Science, where they learn more about the role of computers in the future. UUSCSS is an invitation only event and applications are received from Year 11 students in both metropolitan and rural NSW. The school is generally held during the second last week of the high school summer vacation period. The 1999 program is expected to run Jan 10-Jan 15. For further information, consult the website at

http://www.cs.su.oz.au:80/~judy/Summer98/about_summer.html,
or contact Juhyun Pak on +61-2-9351-3423, email: pak@cs.usyd.edu.au

GRADUATE COMMERCE PROGRAM

This program is offered by the Faculty of Economics and includes the Master of Commerce, Graduate Diploma in Commerce and Graduate Certificate in Commerce. Many courses in this program are offered during the Summer School period. For further details please contact the Graduate Commerce Office on +61 2 9351 6588, by fax on +61 2 9351 7779 or by email on mcom@econ.usyd.edu.au, if you are an Australian resident. Otherwise contact the International Office on +61 2 9351 4161/4079, by fax on +61 2 9351 4013 or email on info@io.usyd.edu.au. The Graduate Commerce program can be viewed on the Internet at <http://www.econ.usyd.edu.au/gradcom/index.html>.

GRADUATE STUDIES IN THE FACULTY OF ECONOMICS

The Faculty of Economics offers a broad range of postgraduate units of study both in the Summer and at other non-traditional times during the year. These units normally form part of the various Postgraduate Degree Programs in Economics, Commerce, Government and Public Policy, International Studies, Industrial Relations and Human Resource Management and Transport Management. They may be taken as part of those programs or as stand-alone units. Further details on proposed units for the 1999 Summer Session, costs and admission criteria may be obtained directly from the Faculty. Phone 9351 6628 or visit their web site at <http://www.econ.su.oz.au/>

LATIN SUMMER SCHOOL

January 18 - 22, 1999 (9am - 4.30pm daily)

The Summer School caters for rank beginners as well as advanced students; all levels of experience (or lack of it) are equally welcome. Intensive study of the Latin language ~ with plenty of reading, light and serious from different periods and genres - will be accompanied by talks from experts on topics of general interest. This very popular School, now in its fifth successful year, is designed to encourage rapid learning at all stages in a friendly, helpful environment. Registration coupons (closing date Dec 4th 98) and further information are available from: The Secretary, Classics Department, University of Sydney, NSW 2006.

PHONE (02) 9351 2368 FAX (02) 9351 6976

MATHS LEARNING CENTRE

Bridging Course for Statistics

This course, which commences in February 1999, is a preparatory course for students planning to undertake programs which require the study of statistics, such as Psychology 2001/2002, General Statistical Methods or degrees/diplomas in Public Health. The course is designed for people who lack confidence when faced with mathematical tasks or as a refresher for people who want to brush up on **basic** mathematical skills. The course includes: review of basic numerical and algebraic

skills, including the solution of simple linear equations; use of a scientific calculator, introduction to concepts in probability and simple descriptive statistics, such as mean, standard deviation and correlation.

BRIDGING COURSES IN MATHEMATICS

These courses, commencing in February 1999, are designed for people lacking the required mathematical background assumed for a course they wish to enrol in. There are two different courses:

- The 3 Unit Course is for people who have done 2-Unit Mathematics in the HSC and wish to enrol in a course that has an assumed knowledge of 3-Unit Mathematics.
- The 2 Unit Course is for people who have not done 2-Unit Mathematics and want to study a subject for which 2-Unit Mathematics is assumed knowledge. The main content of this course will be an introduction to the differential calculus. Knowledge of basic Year 10 mathematics will be assumed.

There are fees for these courses. For further information contact the Mathematics Learning Centre on 9351 4061 or by email on MLC@mail.usyd.edu.au, or the School of Mathematics and Statistics on 9351 5787.

MODERN GREEK SUMMER PROGRAM

The Department of Modern Greek has recently signed an agreement with the University of Athens which allows students in their senior years or those proceeding into senior years to attend courses of Greek Language, Literature, Art and History at the University of Athens. The course will run for six weeks during January and February 1999 and will involve four hours of lectures per day. As part of the program students will be taken on guided visits to archaeological sites, museums and other cultural places of interest. Assessment will be based on attendance and participation, language tests, class presentations, and a major essay. For further details, including cost of program, contact Maria Katsifis at the Department of Modern Greek on 9351 3658.

THE NATIONAL VOICE CENTRE

The (Magic) Voice Box: Two weeks of intensive voice training for singers aged 17-21
Monday 4 January to Friday 15 January 1999, Cost: \$1400.00

Are you aged 17 - 21, with a voice that you want to take you places? Do you feel excited by the prospect of working with the best voice teachers in Australia? The first National Voice Centre Summer School is specially designed for talented young singers who want to understand their voice and learn how to sing with safety. In week 1, participants will be given a practical grounding in singing technique that will allow them to approach any genre with confidence and skill. In week 2, singers will work with one of the three teachers in a small group of twelve, on elements of

their chosen style, as well as reinforcing the technique lessons of the week before. Over the 2 weeks, extra sessions by guest tutors on jazz, choral singing and other genres will be included, depending on the interests of participants. If you want to sing professionally, this course will be a brilliant investment in your career. It will give you a great head start for tertiary study, auditions and a lifetime of developing your craft. Participants will receive a Certificate of Attendance.

Full-time Presenters: *Helen Tiller - contemporary and music theatre*. Helen has had an extensive performance and teaching career and until recently was a Lecturer at Flinders University, teaching voice and singing. Helen is one of only two licensed Jo Estill practitioners in Australia. *Maree Ryan - classical voice*. Maree is a Lecturer in voice at Sydney Conservatorium of Music, where she specialises in recital and opera repertoire. During her performance career, she appeared as a soloist with leading orchestras and conductors and was a regular broadcaster for the ABC. *Mara Kiek - world music*. Mara is acclaimed world wide for her work with ensembles including *Maral*, *Sinfonye*, *Martenitsa Choir* as well as her collaborations with companies such as Meryl Tankard Australian Dance Theatre. Her discography includes 23 titles.

The National Voice Centre is dedicated to excellence in the art, science and care of voice. It was established in 1995 as a Research Centre of The University of Sydney and is a world class centre for multi-disciplinary voice care, training, research and post-graduate education in conjunction with the Faculty of Health Sciences. Clinical, artistic and scientific knowledge is translated through regular workshops for voice and singing teachers, health workers as well as singers, actors, business people and the community.

Please contact the National Voice Centre on 9557 0301 or by email on c.hastings@cchs.usyd.edu.au if you would like to receive a more detailed course brochure or to book. Bookings will close when all places have been filled.

CONSERVATORIUM OF MUSIC

Summer Festival at the Con

Each year in January, the Sydney Conservatorium Access Centre ushers in the New Year with a summer celebration of intensive music making and performance workshops. Taking place in the third week of January, the annual "Summer Festival at the Con" offers courses for teachers, students and interested observers to learn more about performance, technique, repertoire and the latest developments in music pedagogy. The Summer Festival is held at the Sydney Conservatorium of Music at the new Australian Technology Park, Eveleigh.

Performing Music Theatre

The Conservatorium Access Centre and NIDA (National Institute of Dramatic Art) get together again for a third successful summer workshop in music theatre and performance training. Students work with leading directors and choreographers from the Conservatorium and NIDA and focus on audition technique, vocal production,

song interpretation, characterisation, chorus movement and choreography. For students with some singing experience. Fee: \$350

Summer Piano Festival for Piano Teachers - Monday 18 and Tuesday 19 January

Back by popular demand, the Conservatorium Access Centre and the Australian Music Examinations Board (AMEB NSW) join together again to present an intensive course exploring the latest in performance practice and teaching methods for the piano teacher. Sessions include technique, style, repertoire, interpretation and AMEB exam preparation. For piano teachers and students. Fee: \$125

Summer Clarinet Festival

Tuesday 19 and Wednesday 20 January

Directed by Mr Mark Walton, Head of the Woodwind Unit of the Sydney Conservatorium of Music, this workshop is for clarinetists wishing to gain more experience in performance. This highly practical course includes master classes in solo repertoire and technique, quartet and ensemble tutorials and daily concert practice. For clarinetists of Grade 6 upwards, teachers and observers. Fee: \$120

Summer Saxophone Festival

Thursday 21 and Friday 22 January

Joined by the leading saxophone lecturers at the Sydney Conservatorium, Mark Walton directs this intensive 2 day workshop in classical saxophone performance. Sessions include master classes in solo performance, repertoire, instrumental technique and ensemble performance. A highlight of the workshop is the hugely successful saxophone orchestra tutorials and concerts. For saxophonists of Grade 4 upwards, teachers and observers. Fee: \$120

For information contact the Conservatorium Access Centre, phone 9351 1207, fax 9351 1210, email sgoodman@greenway.usyd.edu.au

SALATIGA PROGRAM IN INDONESIA

A four or six week intensive Indonesian language and culture program run in Indonesia. It comes as a package and includes tuition, accommodation and meals. The four week program costs \$1900 and the six week one costs \$2500. The Salatiga Program attracts a wide range of people including university students, HSC students, journalists, teachers, public servants and business people. For more information contact the School on 9351 3173 or by email on Salatiga@asia.usyd.edu.au or online at <http://www.arts.usyd.edu.au/Arts/departs/asia/salatiga.html>

Four-week program: 28 December 1998 - 23 January 1999

Six-week program: 28 December 1998 - 6 February 1999

on the road

with the Centre for Continuing Education



Lifelong learning puts you on an exciting path. Enjoy the pleasure and rewards you find along the way. Equip yourself with skills to make the journey easier.

Computer Skills

Courses range from presentation, word processing, spreadsheet and database applications to HTML, Java and networks. Present your work more effectively and with desktop publishing you can make it more exciting.

Study Skills

Achieve better results with Study Skills, Essay Writing for Exams, and bridging courses in chemistry, physics and biology.

Accounting Extension

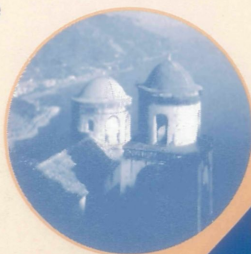
Upgrade your existing degree and improve your money earning prospects with accounting extension courses. Qualify with ASCPA or the ICAA. Summer courses include Australian Taxation Law and Corporations Law. These and other courses are offered throughout the year.

Examination free zone

You can enter an examination free zone with courses in archaeology, environment, film, writing, philosophy, psychology and lots more. No more essays, no more examinations, just the pleasure of learning something new.

The furthest roads

To get away from it all, you could join a Study Tour. In 1999 follow the road to Historic Britain, discover a Writing Retreat in Umbria and Tuscany, or savour Verdi and Puccini's Italy.



Join us on the road

Contact staff at Continuing Education to be placed on the mailing list and receive information about future courses:

☎ 9351 2907 or email info@cce.usyd.edu.au

or visit our web site at <http://www.usyd.edu.au/su/cce>