Heraldic Description of Arms

Argent on a Cross Gules a Lion passant guardant between four Mullets of eight points Or a Chief Sable charged with an open Book proper thereon the word SCIENTIA in letters also Sable.

The lion and the four stars of the Southern Cross on the Cross of St George have reference to the State of New South Wales which brought the University into being; the open book with SCIENTIA across its page reminds us of its original purpose. Beneath the shield is the motto ‘Manu et Mente’, which is the motto of the Sydney Technical College, from which the University has developed. The motto is not an integral part of the Grant of Arms and could be changed at will; but it was the opinion of the University Council that the relationship with the parent institution should in some way be recorded.
The address of the University of New South Wales is:

PO Box 1, Kensington,
New South Wales, Australia 2033

Telephone: (02) 663 0351
Telegraph: UNITECH, SYDNEY
Telex AA26054

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UNIVERSITY OF NEW SOUTH WALES
Faculty of Arts
Handbook.
Annual. Kensington.

University of New South Wales—Faculty of Arts—Periodicals
Information in this Handbook has been brought up to date as at 13 September 1976, but may be amended without notice by the University Council

Contents

General Information .................................................. 1
Some People Who Can Help You ................................... 1
Calendar of Dates .................................................... 2
1977 ............................................................................ 2
1978 ............................................................................ 4
The Academic Year ...................................................... 4
Organization of the University ....................................... 4
Council/Professorial Board/Faculties ............................... 4
Schools/Executive Officers/Administration/Student Representation/ Award of the University Medal/Subject Numbers/General Studies .................................................. 5
Student Services and Activities
The University Library .................................................. 6
Accommodation ................................................................ 6
Other Accommodation .................................................. 6
Student Employment and Scholarships ......................... 7
Student Health ............................................................ 7
Student Counselling and Scholarships ......................... 7
Student Amenities and Recreation ................................ 7
Physical Education and Recreation Centre ..................... 8
The Sports Association ................................................. 8
University Union ......................................................... 8
Students’ Union .......................................................... 8
Chaplaincy Centre ....................................................... 9
Other Services and Activities ....................................... 9
Financial Assistance to Students
Tertiary Education Assistance Scheme ......................... 9
Scholarships, Cadetships, Prizes .................................. 10
Other Financial Assistance ......................................... 10
Financial Assistance to Aboriginal Students .................. 10
Fund for Physically Handicapped and Disabled Students ................................. 10
Rules and Procedures
Admission ...................................................................... 11
Enrolment ..................................................................... 11
Fees ......................................................................... 15
Examinations ............................................................. 17
Essays ...................................................................... 19
Student Conduct on Campus ........................................ 19
Further Information .................................................. 20
Vice-Chancellor’s Official Welcome to New Students ........ 20
<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Preface</td>
<td>21</td>
</tr>
<tr>
<td>Staff</td>
<td>22</td>
</tr>
<tr>
<td>Faculty Information</td>
<td>26</td>
</tr>
<tr>
<td>Enrolment Procedures</td>
<td>26</td>
</tr>
<tr>
<td>Deferred Examinations in Arts and Commerce</td>
<td>27</td>
</tr>
<tr>
<td>Library Facilities</td>
<td>28</td>
</tr>
<tr>
<td>Student Clubs and Societies</td>
<td>28</td>
</tr>
<tr>
<td>Financial Assistance to Students</td>
<td>29</td>
</tr>
<tr>
<td>Scholarships</td>
<td>30</td>
</tr>
<tr>
<td>Undergraduate</td>
<td>31</td>
</tr>
<tr>
<td>Graduate</td>
<td>31</td>
</tr>
<tr>
<td>Prizes</td>
<td>34</td>
</tr>
<tr>
<td>Undergraduate</td>
<td>34</td>
</tr>
<tr>
<td>The Degree of Bachelor of Arts</td>
<td>36</td>
</tr>
<tr>
<td>Western European Studies</td>
<td>37</td>
</tr>
<tr>
<td>Rules Governing the Award of the Degree of Bachelor of Arts</td>
<td>40</td>
</tr>
<tr>
<td>Courses Available for the Degree of Bachelor of Arts</td>
<td>42</td>
</tr>
<tr>
<td>Schedule A</td>
<td>42</td>
</tr>
<tr>
<td>Schedule B</td>
<td>71</td>
</tr>
<tr>
<td>Graduate Study</td>
<td>73</td>
</tr>
<tr>
<td>Graduate Enrolment Procedures</td>
<td>74</td>
</tr>
<tr>
<td>Masters Degree Courses at Pass Level</td>
<td>74</td>
</tr>
<tr>
<td>English</td>
<td>74</td>
</tr>
<tr>
<td>German</td>
<td>74</td>
</tr>
<tr>
<td>History</td>
<td>74</td>
</tr>
<tr>
<td>Mathematics</td>
<td>75</td>
</tr>
<tr>
<td>Philosophy</td>
<td>75</td>
</tr>
<tr>
<td>Conditions for the Award of Higher Degrees</td>
<td>76</td>
</tr>
<tr>
<td>Doctor of Philosophy</td>
<td>78</td>
</tr>
<tr>
<td>Master of Arts</td>
<td>81</td>
</tr>
<tr>
<td>Subject Descriptions and Textbooks</td>
<td>83</td>
</tr>
<tr>
<td>Identification of Subjects by Numbers</td>
<td>83</td>
</tr>
<tr>
<td>Biology</td>
<td>85</td>
</tr>
<tr>
<td>Undergraduate Study</td>
<td>85</td>
</tr>
<tr>
<td>Chemistry</td>
<td>86</td>
</tr>
<tr>
<td>Undergraduate Study</td>
<td>86</td>
</tr>
<tr>
<td>Computer Science</td>
<td>87</td>
</tr>
<tr>
<td>Undergraduate Study</td>
<td>87</td>
</tr>
<tr>
<td>Drama</td>
<td>88</td>
</tr>
<tr>
<td>Undergraduate Study</td>
<td>88</td>
</tr>
<tr>
<td>Economic History</td>
<td>91</td>
</tr>
<tr>
<td>Undergraduate Study</td>
<td>91</td>
</tr>
<tr>
<td>Economics</td>
<td>97</td>
</tr>
<tr>
<td>Undergraduate Study</td>
<td>97</td>
</tr>
<tr>
<td>English</td>
<td>100</td>
</tr>
<tr>
<td>Undergraduate Study</td>
<td>100</td>
</tr>
<tr>
<td>Graduate Study</td>
<td>103</td>
</tr>
<tr>
<td>French</td>
<td>104</td>
</tr>
<tr>
<td>Undergraduate Study</td>
<td>104</td>
</tr>
<tr>
<td>Geography</td>
<td>109</td>
</tr>
<tr>
<td>Undergraduate Study</td>
<td>109</td>
</tr>
<tr>
<td>Applied Geology</td>
<td>113</td>
</tr>
<tr>
<td>Undergraduate Study</td>
<td>113</td>
</tr>
<tr>
<td>German</td>
<td>115</td>
</tr>
<tr>
<td>Undergraduate Study</td>
<td>115</td>
</tr>
<tr>
<td>Graduate Study</td>
<td>119</td>
</tr>
<tr>
<td>History</td>
<td>119</td>
</tr>
<tr>
<td>Undergraduate Study</td>
<td>119</td>
</tr>
</tbody>
</table>
Contents

History and Philosophy of Science
Undergraduate Study ............ ........ ........ ........ ........ ........ ........ ........ ........ ........ ........ ........ 123

Industrial Relations
Undergraduate Study ............ ........ ........ ........ ........ ........ ........ ........ ........ ........ ........ ........ 127

Mathematics
Undergraduate Study ............ ........ ........ ........ ........ ........ ........ ........ ........ ........ ........ ........ 132

Graduate Study ............ ........ ........ ........ ........ ........ ........ ........ ........ ........ ........ ........ 141

Philosophy
Undergraduate Study ............ ........ ........ ........ ........ ........ ........ ........ ........ ........ ........ ........ 143

Graduate Study ............ ........ ........ ........ ........ ........ ........ ........ ........ ........ ........ ........ 149

Physics
Undergraduate Study ............ ........ ........ ........ ........ ........ ........ ........ ........ ........ ........ ........ 150

Political Science
Undergraduate Study ............ ........ ........ ........ ........ ........ ........ ........ ........ ........ ........ ........ 151

Psychology
Undergraduate Study ............ ........ ........ ........ ........ ........ ........ ........ ........ ........ ........ ........ 156

Russian
Undergraduate Study ............ ........ ........ ........ ........ ........ ........ ........ ........ ........ ........ ........ 160

Sociology
Undergraduate Study ............ ........ ........ ........ ........ ........ ........ ........ ........ ........ ........ ........ 161

Spanish and Latin American Studies
Undergraduate Study ............ ........ ........ ........ ........ ........ ........ ........ ........ ........ ........ ........ 170

Timetable ............ ........ ........ ........ ........ ........ ........ ........ ........ ........ ........ ........ ........ 176

Biology ........ ......... ........ ........ ........ ........ ........ ........ ........ ........ ........ ........ ........ ........ ........ ........ ........ ........ ......... 176

Drama ........ ......... ........ ........ ........ ........ ........ ........ ........ ........ ........ ........ ........ ........ ........ ........ ........ ........ ......... 176

Economic History ........ ......... ........ ........ ........ ........ ........ ........ ........ ........ ........ ........ ........ ........ ........ ........ ........ ........ ......... 177

Economics ........ ......... ........ ........ ........ ........ ........ ........ ........ ........ ........ ........ ........ ........ ........ ........ ........ ........ ......... 177

English ........ ......... ........ ........ ........ ........ ........ ........ ........ ........ ........ ........ ........ ........ ........ ........ ........ ........ ......... 177

French ........ ......... ........ ........ ........ ........ ........ ........ ........ ........ ........ ........ ........ ........ ........ ........ ........ ........ ......... 178

Geography ........ ......... ........ ........ ........ ........ ........ ........ ........ ........ ........ ........ ........ ........ ........ ........ ........ ........ ......... 178

German ........ ......... ........ ........ ........ ........ ........ ........ ........ ........ ........ ........ ........ ........ ........ ........ ........ ........ ......... 180

History ........ ......... ........ ........ ........ ........ ........ ........ ........ ........ ........ ........ ........ ........ ........ ........ ........ ........ ......... 181

Industrial Relations ........ ......... ........ ........ ........ ........ ........ ........ ........ ........ ........ ........ ........ ........ ........ ........ ........ ........ ......... 181

Mathematics ........ ......... ........ ........ ........ ........ ........ ........ ........ ........ ........ ........ ........ ........ ........ ........ ........ ........ ......... 182

Philosophy ........ ......... ........ ........ ........ ........ ........ ........ ........ ........ ........ ........ ........ ........ ........ ........ ........ ........ ......... 182

Political Science ........ ......... ........ ........ ........ ........ ........ ........ ........ ........ ........ ........ ........ ........ ........ ........ ........ ........ ......... 182

Psychology ........ ......... ........ ........ ........ ........ ........ ........ ........ ........ ........ ........ ........ ........ ........ ........ ........ ........ ......... 183

Russian ........ ......... ........ ........ ........ ........ ........ ........ ........ ........ ........ ........ ........ ........ ........ ........ ........ ........ ......... 183

Sociology ........ ......... ........ ........ ........ ........ ........ ........ ........ ........ ........ ........ ........ ........ ........ ........ ........ ........ ......... 184

Spanish and Latin American Studies ........ ......... ........ ........ ........ ........ ........ ........ ........ ........ ........ ........ ........ ........ ........ ........ ........ ........ ......... 184
To obtain the maximum benefit from your studies you should make an effort to learn what facilities the University offers, to investigate the best methods of study and to discover as much as possible about the course for which you are enrolled.

This Handbook has been specially designed as a detailed source of reference for you in all matters related to your Faculty. The General Information Section is intended to help you put the Faculty into perspective with the University as a whole, to introduce you to some of the services available to students and to note some of the most important rules and procedures.

For fuller details about the University and its activities you should consult the University Calendar.

Now, see the following pages for other general information which may be of value to you.

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**Some people who can help you**

Note: All phone numbers below are University extension numbers. If you are outside the University, dial 663 0351 and ask for the extension or dial 662—and then the extension number.

If you are experiencing difficulties in adjusting to the requirements of the University, you will probably need advice. The best people to talk to on matters relating to progress in studies are your tutors and lecturers. If your problem lies outside this area, there are many other people with specialized knowledge and skills who may be able to help you.

The Deputy Registrar (Student Services), Mr Peter O’Brien, and his Administrative Assistant, Mr Stephen Briand, are located on the first floor of the Chancellery. They will see students who need advice and who have problems and are not sure whom they should see about them. Mr Briand looks after financial assistance matters. Enquire at room 148A, phone 2482 or 3164.

The Assistant Registrar (Examinations and Student Records), Mr John Warr, is located on the ground floor of the Chancellery. For particular enquiries regarding Student Records (including matters related to illness affecting study) contact Mr Jack Morrison (phone 2141), and regarding Examinations, Mr John Grigg (phone 2143). This section can also advise on matters relating to discontinuation of subjects and termination of courses. General enquiries should be directed to 3711.

The Assistant Registrar (Admissions and Higher Degrees), Mr Jack Hill, is located on the ground floor of the Chancellery. For particular enquiries regarding undergraduate courses phone Mr John Beauchamp on 3319. General enquiries should be directed to 3711.
Arts

The Adviser for Prospective Students, Mrs Fay Lindsay, is located on the ground floor of the Chancellery and is available for personal interview. For an appointment phone 3453.

The Assistant Registrar (Student Employment and Scholarships), Mr Jack Foley, is located on the ground floor of the Chancellery. Enquiries should be directed to 2086 (undergraduate scholarships), 2525 (graduate scholarships), and 3259 (employment).

The Housing Officer, Mrs Judy Hay, is located in the Student Amenities and Recreation Unit in Hut B at the foot of Basser Steps. For assistance in obtaining suitable lodgings phone 3260.

The Student Health Unit is located in Hut E on College Road. The Director is Dr Max Naphthali. For medical aid phone 2679 or 3275.

The Student Counselling and Research Unit is located at the foot of Basser Steps. The Head is Mr George Gray. For assistance with educational or vocational problems ring 3681, 3685 or 2696 for an appointment.

The University Librarian is Mr Allan Horton. Library enquiries should be directed to 2048.

The Chaplaincy Centre is located in Hut F at the foot of Basser Steps. For spiritual aid consult Rev Phillip Jensen (Anglican)—2684; Rev Father Michael Falton (Catholic)—2379; Dr Allen Elliott (Church of Christ)—2683; Rev Peter Holden (Methodist)—2683; Mr Glen Weare (Seventh Day Adventist)—2683; Mr Ze’ev Dar (Jewish)—3273; Rev Barry Waters (Baptist)—398 4065.

The Students’ Union is located on the second floor of Stage III of the University Union where the SU full-time President or Education Vice-President are available to discuss any problems you might have. In addition the SU offers a range of diverse services including legal advice (full-time solicitor available), clubs and societies services, second-hand bookshop (buy or sell), new records/tapes at discount, food shop (The Nuthouse), a professional nursery/Kindergarten House at Pooh Corner, a typesetting service, electronic calculators (bulk purchasing), health insurance and AUS insurance, an Information referral centre (the Infakt Bus), a bail fund and publications such as Tharunka, Orientation Magazine, Concessions Book and counter-course handbooks. For information about these phone 2929.

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### Calendar of Dates

1977

<table>
<thead>
<tr>
<th>Session</th>
<th>Dates</th>
</tr>
</thead>
<tbody>
<tr>
<td>Session 1</td>
<td>7 March to 14 May.</td>
</tr>
<tr>
<td>(14 weeks)</td>
<td>May Recess: 16 May to 21 May</td>
</tr>
<tr>
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<td>23 May to 18 June</td>
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<td>Midyear Recess: 20 June to 23 July</td>
</tr>
<tr>
<td>Session 2</td>
<td>25 July to 27 August</td>
</tr>
<tr>
<td>(14 weeks)</td>
<td>August Recess: 29 August to 3 September</td>
</tr>
<tr>
<td></td>
<td>5 September to 5 November</td>
</tr>
<tr>
<td></td>
<td>Study Recess: 7 November to 12 November</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Month</th>
<th>Events</th>
</tr>
</thead>
<tbody>
<tr>
<td>January</td>
<td>Monday 3—New Year’s Day—Public Holiday</td>
</tr>
<tr>
<td></td>
<td>Friday 7—Last day for application for review of results of annual examinations</td>
</tr>
<tr>
<td></td>
<td>Last day for application for permission to re-enrol by students who infringed re-enrolment rules at annual examinations</td>
</tr>
<tr>
<td></td>
<td>Monday 10—Timetables for deferred examinations available</td>
</tr>
<tr>
<td></td>
<td>Friday 14—Last day for acceptance of applications by Admissions Office for transfer to another course within the University</td>
</tr>
<tr>
<td></td>
<td>Monday 24—Deferred examinations begin</td>
</tr>
<tr>
<td></td>
<td>Monday 31—Australia Day—Public Holiday</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>February</th>
<th>Events</th>
</tr>
</thead>
<tbody>
<tr>
<td>Saturday 5—Deferred examinations end</td>
<td></td>
</tr>
<tr>
<td>Monday 14—Enrolment period begins for new students and students repeating first year</td>
<td></td>
</tr>
<tr>
<td>Tuesday 15—Last day for appeal against exclusion by students who infringed re-enrolment rules at annual examinations</td>
<td></td>
</tr>
<tr>
<td>Friday 18—Deferred examination results available</td>
<td></td>
</tr>
<tr>
<td>Monday 21—Enrolment period begins for second and later year students</td>
<td></td>
</tr>
<tr>
<td>Tuesday 22—Last day for application for review of deferred examination results</td>
<td></td>
</tr>
</tbody>
</table>
Friday 25
Last day for application for permission to re-enrol by students who infringed re-enrolment rules at deferred examinations

March
Monday 7
Session 1 commences
Friday 11
Last day for acceptance of enrolments by new students (late fee payable)
Thursday 17
Last day for appeal against exclusion by students who infringed re-enrolment rules at deferred examinations

April
Friday 1
Last day for acceptance of enrolments by students re-enrolling in second and later years (late fee payable)
Last day for students other than those attending the University for the first time to discontinue without failure subjects which extend over Session 1 only
Last day to enrol in additional subjects

Friday 8 to Monday 11
Easter
Saturday 23
Anzac Day—Public Holiday

Friday 29
Last day for students attending the University for the first time to discontinue without failure subjects which extend over Session 1 only

May
Tuesday 10
Publication of provisional timetable for June/July examinations
Thursday 12
Last day for acceptance of corrected enrolment details forms
Last day for applications from students completing requirements at end of Session 1 for admission to University degrees and diplomas

Monday 16
May Recess begins
Friday 20
Last day for students other than those attending the University for the first time to discontinue without failure subjects which extend over the whole academic year

Saturday 21
May Recess ends
Monday 23
Last day for students to advise of examination timetable clashes

June
Tuesday 7
Publication of timetable for June/July examinations
Monday 13
Queen's Birthday—Public Holiday
Sunday 19
Session 1 ends
Monday 20
Midyear Recess begins
Tuesday 21
Midyear examinations begin

July
Tuesday 5
Midyear examinations end
Saturday 23
Midyear Recess ends
Monday 25
Session 2 begins
Thursday 28
Foundation Day

August
Friday 5
Last day for students attending the University for the first time to discontinue without failure subjects which extend over the whole academic year

Friday 19
Last day for students other than those attending the University for the first time to discontinue without failure subjects which extend over Session 2 only

Monday 29
August Recess begins
Wednesday 31
Last day for acceptance of applications for re-admission in 1978 after exclusion under the re-enrolment rules

September
Saturday 3
August Recess ends
Monday 12
Last day for applications from students completing requirements at end of Session 2 for admission to University degrees and diplomas

Wednesday 14
Last day for return of corrected enrolment details forms

Friday 16
Last day for students attending the University for the first time to discontinue without failure subjects which extend over Session 2 only

Tuesday 27
Publication of provisional timetable for annual examinations

Friday 30
Last day to apply to MUAC for transfer to another university in Sydney metropolitan area and Wollongong

October
Monday 3
Eight Hour Day—Public Holiday
Friday 7
Last day for students to advise of examination timetable clashes

Tuesday 25
Publication of timetable for annual examinations

November
Saturday 5
Session 2 ends
Monday 7
Study Recess begins
Monday 14
Annual examinations begin

December
Wednesday 6
Annual examinations end
Sunday 25
Christmas Day
Monday 26
Boxing Day
Tuesday 27
Public Holiday
**1978**

**Session 1**

- 6 March to 14 May
  - *May Recess*: 15 May to 21 May
- 22 May to 18 June
  - *Midyear Recess*: 19 June to 23 July

**Session 2**

- 24 July to 27 August
  - *August Recess*: 28 August to 3 September
- 4 September to 5 November
  - *Study Recess*: 6 November to 12 November

**Monday 13 November**

- Annual examinations begin

**Tuesday 7 December**

- Annual examinations end

**January**

**Monday 2**

- Public Holiday

**Friday 6**

- Last date for application for review of results of *annual* examinations

**Monday 9**

- Publication of timetable for *deferred* examinations

**Friday 13**

- Last day for acceptance of applications by Admissions Office for transfer to another course within the University

**Tuesday 24**

- *Deferred* examinations begin

**Monday 30**

- *Australia Day—Public Holiday*

**February**

**Saturday 4**

- *Deferred* examinations end

**Monday 13**

- Enrolment period begins for new students and students repeating first year

**Friday 17**

- Results of *deferred* examinations available

**Monday 20**

- Enrolment period begins for second and later year students

**Tuesday 21**

- Last day for applications for review of *deferred* examination results

---

**The Academic Year**

The academic year is divided into two sessions, each containing 14 weeks for teaching. There is a recess of five weeks between the two sessions as well as short recesses of one week within each of the sessions.

Session 1 commences on the first Monday of March.

---

**Organization of the University**

Rapid development has been characteristic of the University of New South Wales since it was first incorporated by an Act of Parliament in 1949, under the name of the New South Wales University of Technology.

In 1976 the University had 18,378 students and 4000 staff who worked in more than eighty buildings. These figures include staff and students at Broken Hill (W. S. and L. B. Robinson University College), Duntroon (the Faculty of Military Studies) and Jervis Bay.

**The Council**

The chief governing body of the University is the Council which has the responsibility of making all major decisions regarding its policy, conduct and welfare.

The Council consists of 42 members representative of the professions, commerce and industry, the legislature, employee organizations, rural, pastoral and agricultural interests, and the academic staff of the University, its graduates and students.

The Council meets six times per year and its members also serve on special committees dealing with such matters as academic matters, finance, buildings and equipment, personnel matters, student affairs and public relations.

The Chairman of the Council is the Chancellor, the Hon. Mr. Justice Samuels, and the Deputy Chancellor is Dr. F. M. Mathews.

**The Professorial Board**

The Professorial Board is one of the two chief academic units within the University and includes all the professors from the various faculties. It deliberates on all questions such as matriculation requirements, the content of courses, the arrangement of syllabuses, the appointment of examiners and the conditions for graduate degrees. Its recommendations on these and similar matters are presented to Council for its consideration and adoption.

**The Faculties**

The Dean, who is also a professor, is the executive head of the Faculty. Members of each Faculty meet regularly to consider matters pertaining to their own areas of study and research, the result of their deliberations being then submitted to the Professorial Board.
The term "faculty" is used in two distinct senses in the University. Sometimes it is used to refer to the group of Schools comprising the Faculty, and at others to the deliberative body of academic members of the Schools within the Faculty.

The eleven Faculties are Applied Science, Architecture, Arts, Biological Sciences, Commerce, Engineering, Law, Medicine, Military Studies, Professional Studies, Science together with the Australian Graduate School of Management. In addition, the Board of Studies in General Education fulfils a function similar to that of the faculties. The Board of Studies in Science and Mathematics, which was established to facilitate the joint academic administration of the Science and Mathematics degree course by the Faculties of Biological Sciences and Science, considers and reports to the Professorial Board on all matters relating to studies, lectures and examinations in the science course.

The Schools

Once courses of study have been approved they come under the control of the individual Schools (e.g. the School of Chemistry, the School of Mathematics). The professorial Head of the School in which you are studying is the person in this academic structure with whom you will be most directly concerned.

Executive Officers

As chief executive officer of the University the Vice-Chancellor, Professor Rupert Myers, is charged with managing and supervising the administrative, financial and other activities of the University.

He is assisted in this task by three Pro-Vice-Chancellors, Professor John Thornton, Professor Rex Vowels and Professor Albert Willis; the Deans and the three heads of the administrative divisions.

General Administration

The administration of general matters within the University comes mainly within the province of the Registrar, Mr Keith Jennings, the Bursar, Mr Tom Daly, and the Business Manager (Property), Mr Bob Fletcher.

The Registrar's Division is concerned chiefly with academic matters such as the admission of students, and the administration of examinations as well as the various student services (health, employment, amenities, and counselling).

The Bursar's Division is concerned with the financial details of the day-to-day administration and matters to do with staff appointments, promotions, etc.

Student Representation on Council and Faculties

Three members of the University Council may be students elected by students. All students who are not full-time members of staff are eligible to stand for a two-year term of office. The students who are elected to the Council are eligible for election to the Committees of Council.

Students proceeding to a degree or a graduate diploma may elect one of their number to a Faculty for each 500 registered students, with a minimum of three students per Faculty. Elections are for a one-year term of office. New provisions for student membership of faculties and boards of studies have been approved by Council, providing for each faculty/board to recommend its own formula for determining the number of students eligible.

Open Faculty Meetings

If you wish you may attend a Faculty meeting. You should seek advice at the office of the Faculty whose meeting you wish to attend, as different faculties have their own rules for the conduct of open meetings.

Award of the University Medal

The University may award a bronze medal to the students who have most distinguished themselves in their final year.

Identification of Subjects by Numbers

For information concerning the identifying number of each subject taught in this faculty as well as the full list of identifying numbers and subjects taught in the University, turn to the first page of the section below Subject Descriptions and Textbooks. This is also published in the Calendar.

General Studies Program

Almost all undergraduates in Faculties other than Arts and Law are required to complete a General Studies program. The Department of General Studies within the Board of Studies in General Education publishes its own Handbook which is available free of charge. All enquiries about General Studies should be made to the General Studies Office, Room G54, Morven Brown Building (663 0351 Extn. 3478).


**Student Services and Activities**

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**The University Library**

The University Libraries are mostly situated on the upper campus. The library buildings house the Undergraduate Library on Level 3, the Social Sciences and Humanities Library on Level 4, the Physical Sciences Library on Level 7 and the Law Library on Level 8. The Biomedical Library is in the western end of the Sciences Building and is closely associated with libraries in the teaching hospitals of the University.

There are also library services at other centres:

- The Water Reference Library situated at Manly Vale (Phone 948 0261) which is closely associated with the Physical Sciences Library.
- The library at the Broken Hill Division in the W. S. and L. B. Robinson University College building. Phone 6022/3/4.
- The library at the Royal Military College, Duntroon, ACT, serving the Faculty of Military Studies.

Each library provides reference and lending services to staff and students and each of the libraries on the Kensington campus is open throughout the year during day and evening periods. The exact hours of opening vary during the course of the academic year.

Staff and students normally use a machine-readable identification card to borrow from the University libraries. For students, a current union card is acceptable. Staff must apply to the library for a library card.

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**Accommodation**

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**Residential Colleges**

There are seven residential colleges on campus. Each college offers accommodation in a distinctive environment which varies from college to college, as do facilities and fees. A brief description of each college is given below, and further information may be obtained directly from the individual colleges. In addition to basic residence fees, most colleges make minor additional charges for such items as registration fees, caution money or power charges. Intending students should lodge applications before the end of October in the year prior to the one in which they seek admission. Most colleges require a personal interview as part of the application procedure.

**The Kensington Colleges**

The Kensington Colleges comprise Basser College, Goldstein College, and Philip Baxter College. They house 450 men and women students, as well as staff members. Fees are payable on a session basis. Apply in writing to the Master, PO Box 24, Kensington, NSW 2033.

**International House**

International House accommodates 154 students from Australia and up to twenty other countries. Preference is given to more senior undergraduates and graduate students. Apply in writing to the Warden, International House, PO Box 88, Kensington, NSW 2033.

**New College**

This Church of England College is open to all students without regard to race or religion. It has accommodation for approximately 220 students and is co-educational. Enquiries should be addressed to the Master, New College, Anzac Parade, Kensington, NSW 2033.

**Shalom College**

Shalom College provides accommodation for 86 men and women students. Non-resident membership is available to students who wish to avail themselves of the Kosher dining room and tutorial facilities. Apply in writing to the Master, Shalom College, The University of New South Wales, PO Box 1, Kensington, NSW 2033.

**Warrane College**

Warrane College provides accommodation for 200 men and is open to students of all ages, backgrounds and beliefs. A comprehensive tutorial program is offered along with a wide variety of activities and opportunities to meet informally with members of the University staff. Non-resident membership is available to male students who wish to participate in College activities and make use of its facilities. Warrane is directed by the International Catholic lay association Opus Dei. Apply in writing to the Master, Warrane College, PO Box 123, Kensington, NSW 2033. Phone: 663 6199.

**Creston Residence**

Creston, associated with Warrane College, offers residence for 25 full-time undergraduate and graduate women students of all nationalities and denominations. It is directed by the Women's Section of Opus Dei, a Catholic lay association. Further Information: The Principal, 36 High Street, Randwick, NSW 2031.

**Other Accommodation**

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**Off-campus Accommodation**

Students requiring other than College accommodation may contact the Housing Officer in the Student Amen-
suitable lodging throughout the year and during vacations. Cooking facilities, always delay sive.

No appointment is necessary but there may be some appointment, free of charge, between 9 am and 5 pm Mondays to Fridays. For staff members, immunizations are available, and first aid service in the case of injury or illness on the campus.

The centre is located in Hut E on the northern side of the campus in College Road at the foot of the Basser Steps.

Appointments may be made by calling at the centre or by telephoning extension 2679 or 3275 during the above hours.

The Family Planning Association of NSW conducts clinics at the Student Health Unit and at the adjacent Prince of Wales Hospital. These clinics are open to staff and students and appointments may be made for the Student Health Unit clinic by telephoning 698 9499, or for The Prince of Wales Hospital clinics by telephoning 399 0111.

Student Employment and Scholarships

The Student Employment and Scholarships Unit offers assistance with career employment for final year students and graduates of the University. This service includes the mailing of regular job vacancy notices to registered students and a campus interview program for final year students.

Careers advice and assistance is also available to undergraduates. Assistance is offered in finding vacation employment which gives either course-related experience or industrial training experience, where this is a course requirement. Information and advice regarding cadetships, undergraduate and graduate scholarships is also available.

The service is located in the Chancellery on the ground floor.

Phone extension 3259 for employment and careers advice, or extension 2086 for cadetships and industrial training information.

Student Health

A student health clinic and first aid centre is situated within the University. It is staffed by three qualified medical practitioners, assisted by two nursing sisters. The medical service, although therapeutic, is not intended to entirely replace private or community health services. Thus, where chronic or continuing conditions are revealed or suspected, the student may be referred to a private practitioner or to an appropriate hospital for specialist opinion and/or treatment. The health service is not responsible for fees incurred in these instances. The service is confidential and students are encouraged to attend for advice on matters pertaining to health.

The service is available to all enrolled students by appointment, free of charge, between 9 am and 5 pm Mondays to Fridays. For staff members, immunizations are available, and first aid service in the case of injury or illness on the campus.

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planes; assists students with off-campus housing; and, in consultation with the Sports Association, assists various recognized clubs.

The Unit is located in Hut B at the foot of Basser Steps. The various services may be contacted by phone on the following extensions: Recreation Program 3271; Travel 2617; Accommodation 3260; Sports Association 2673.

Physical Education and Recreation Centre

The Student Amenities and Recreation Unit provides a recreational program for students and staff at the Physical Education and Recreation Centre. The Centre consists of eight squash courts and a main building, the latter containing a large gymnasium and practice rooms for fencing, table tennis, judo, weight-lifting, karate and jazz ballet, also a physical fitness testing room. The recreational program includes intramurals, teaching/coaching, camping, and fitness testing. The Centre is located on the lower campus adjacent to High Street. The Supervisor of PERC may be contacted on extension 3271.

The Sports Association

The Sports Association caters for a variety of competitive sports for both men and women. Membership is compulsory at $6 per year for all registered students and is open to all members of staff and graduates of the University.

The Sports Association office is situated in Hut G, near the bottom of Basser Steps, and the control of the Sports Association is vested in the General Committee. The Executive Officer of the Sports Association may be contacted on extension 2673.

The University Union

The University Union provides the facilities students, staff and graduates require in their daily University life and thus an opportunity for them to know and understand one another through associations outside the lecture room, the library and other places of work.

The Union is housed in three buildings near the entrance to the Kensington Campus from Anzac Parade. These are the Roundhouse, the Blockhouse and the Squarehouse. Membership of the Union is compulsory at $45 per year for all registered students and is open to all members of staff and graduates of the University. The full range of facilities provided by the Union includes a cafeteria service and other dining facilities, a large shopping centre, cloak room, banking and hair-dressing facilities, showers, a women's lounge, common, games, reading, meeting, music, practice, craft and dark rooms. Photocopying, sign printing, and stencil cutting services are also available. The Union also sponsors special concerts (including lunchtime concerts) and conducts courses in many facets of the arts including weaving, photography, creative dance and yoga. Exhibitions are held in the John Clark Gallery.

Full information concerning courses is contained in a booklet obtainable from the Union's Program Department. The University Union should not be confused with the Students' Union or Students' Representative Council as it is known in some other universities. This latter body has a representative function and is the instrument whereby student attitudes and opinions are crystallized and presented to the University and the community.

The Students' Union

The Students' Union is run by students and represents them on and off campus. Presidential elections are by popular vote and all students who have completed two years at the University are eligible for election.

A full-time President, elected each year by popular ballot, directs the entire administration of the Students' Union and its activities, through the permanent Administrative Officer.

Other full-time officers include the Education Vice-President who works towards the implementation of Student Union education policy and in assisting students with problems they may encounter in the University; Director of Overseas Students who deals with specific problems these students may encounter while in Australia.

Both are elected by students with the latter elected by overseas students.

Membership is compulsory at $10 per annum. A rise in Students' Union fees may occur in 1977.

The activities of the Students' Union include:
1. Infakt: a student-run information referral service. If you want someone to talk to or need help of any kind see the people at Infakt located in the bus at the foot of Basser Steps.
2. A casual employment service.
3. Organization of Orientation Week.
4. Organization of Foundation Day.
6. Publication of the student paper Tharunka.

* A rise in Students' Union fees may occur in 1977.
7. A free legal service run by a qualified lawyer employed by the Students' Union Council.
8. Students' Union Record Shop which gives an 16% discount.
9. The Nuthouse which deals in bulk and health foods.
10. Secondhand Bookshop for cheap texts.
11. Clubs and societies receive money from the Students' Union through CASOC (Clubs and Societies on Campus).

The Students' Union is affiliated with the Australian Union of Students (AUS) which represents students on the national level.

The Students' Union is located on the second floor, Stage III, the Union.

Chaplaincy Centre

This service is provided for the benefit of students and staff by various religious and spiritual beliefs. Chaplains are in attendance at the University at regular times. A Chapel is also available for use by all denominations. For further details, turn to page 2.

Other Services and Activities

CASOC All clubs and societies on campus (except sporting clubs) are loosely organized under the umbrella of CASOC, which is a committee of the Students' Union. Some of these clubs are: the Motor Cycle Club; Chess Club; Dramsoc; Opunka; Kite Club and the Jazz Society.

School and Faculty Associations Many schools and faculties have special clubs with interests in particular subject fields. Enquire at your Faculty Office for information.

University Co-operative Bookshop Limited Membership is open to all students, on initial payment of a fee of $10, refundable when membership is terminated. Members receive an annual rebate on purchases of books.

Cashier's Hours The University cashier's office is open from 9.30 am to 1.00 pm and from 2.00 pm to 4.30 pm, Monday to Friday. It is open for additional periods at the beginning of Session 1. Consult notice boards for details.

Australian Armed Forces Enquiries should be directed to:
Royal Australian Navy: Royal Australian Naval Liaison Officer, Professor J. S. Ratcliffe, Commander, RANR, at the School of Chemical Engineering. Phone extension 2406.
University of New South Wales Regiment: The Adjutant, Regimental Depot, Day Avenue (just west of Anzac Parade). Phone 663 1212.

Royal Australian Air Force: Undergraduates interested in the RAAF Undergraduate Scheme should contact The Recruiting Officer, Defence Forces Recruiting Centre, 320 Castlereagh Street, Sydney.

Financial Assistance to Students

Tertiary Education Assistance Scheme

Under this scheme, which is financed by the Australian Government, assistance is available for full-time study in approved courses, to students who are not bonded and who are permanent residents of Australia, subject to a means test on a non-competitive basis.

Students in the following types of university courses are eligible for assistance:
- Undergraduate and graduate degree courses
- Graduate diplomas
- Approved combined Bachelor degree courses
- Master's qualifying courses if the course is the equivalent of an honours year and the student has not attempted an honours year.

Benefits (as at 30 June 1976)

Means-tested Living Allowance The maximum rates of living allowances are $1,000 per annum for students living at home and $1,600 per annum for students living away from home. The maximum rates of living allowance will be paid where the adjusted family income is equal to or less than $7,600 per annum. The adjusted family income is assessed by subtracting from the gross income of both parents their business expenses and an amount of $450 for each dependent child other than the student.

When the adjusted family income exceeds $7,600 pa the amount of living allowance will be reduced by $2 for every $10 of income until the family income exceeds $15,200 per annum. After this level, the living allowance will be reduced by $3 for every $10 of income.

A concession may be made where there are other children in the family undertaking tertiary education with scholarship assistance from schemes other than the Tertiary Education Assistance Scheme of less than $600 pa.
Students qualifying for living allowance will also receive the following allowances where appropriate:

Incidentals Allowance The Incidentals Allowance of $100 is designed to help the student meet the cost of those fees which have not been abolished—the Students' Union, University Union and Sports Association fees, and other expenses associated with their studies.

Travel Allowance Students whose home is in the country may be reimbursed the cost of three return trips per year, during vacation time.

Dependants’ Allowance This is made up of allowances of $15 per week for a dependent spouse and $7 per week for each child.

How to Apply 1976 Higher School Certificate candidates and tertiary students receiving an allowance were sent forms last October. Other students may obtain forms from the Admissions Section or the Student Employment and Scholarships Unit, or from the Regional Director, Department of Education, 323 Castlereagh Street, Sydney, NSW 2000 (Phone 218 8800). The administrative closing date for 1977 applications was 31 October 1976.

Scholarships, Cadetships, Prizes

1. Undergraduate Scholarships In addition to finance provided under the Australian Government’s Tertiary Education Assistance Scheme there are a number of scholarships, cadetships, prizes and other forms of assistance available to undergraduate students. Details of procedures for application for these awards are contained in the Calendar.

There are also special scholarships not administered by the University, information about which may be obtained from the School office.

Further information and advice regarding scholarships is available from the Student Employment and Scholarships Unit in the Chancellery Building.

2. Graduate Awards An honours degree is generally an essential requirement for gaining one of the many graduate scholarships which are available at the University. Therefore gifted students should not neglect the opportunity to qualify for honours and thus become eligible for an award.

Details of graduate awards are contained in the University Calendar.

Other Financial Assistance

In addition to the Tertiary Education Assistance Scheme financed by the Australian Government the following forms of assistance are available:

1. Deferment of Payment of Fees Deferments may be granted for a short period, usually one month, without the imposition of a late fee penalty, provided the deferment is requested prior to the due date for fee payments.

2. Short Term Cash Loans Donations from the Students' Union, the University Union and other sources have made funds available for urgent cash loans not exceeding $100. These loans are normally repayable within one month.

3. Early in 1973 the Australian Government made funds available to the University to provide loans to students in financial difficulty. The loans are to provide for living allowances and other approved expenses associated with attendance at University. Repayment usually commences after graduation or upon withdrawal from the course. Students are required to enter into a formal agreement with the University to repay the loan.

From the same source students who are in extremely difficult financial circumstances may apply for assistance by way of a non-repayable grant. In order to qualify for a grant a student must generally show that the financial difficulty has arisen from exceptional misfortune.

In all cases assistance is limited to students with reasonable academic records and whose financial circumstances warrant assistance.

Inquiries about all forms of financial assistance should be made at the office of the Deputy Registrar (Student Services), Room 148A, in the Chancellery.

Financial Assistance to Aboriginal Students

Financial assistance is available from a number of sources to help Aboriginal students. Apart from the Australian Government’s Tertiary Education Assistance Scheme there is a Commonwealth Aboriginal Study Grant Scheme. Furthermore, the University may assist Aboriginal students with some essential living expenses in exceptional circumstances.

All inquiries relating to this scheme should be made at the office of the Deputy Registrar (Student Services), Room 148A, in the Chancellery.

Fund for Physically Handicapped and Disabled Students

The University has a small fund (started by a generous gift from a member of staff who wishes to remain anonymous) available for projects of benefit to handicapped and disabled students. Inquiries should be made at the office of the Deputy Registrar (Student Services), Room 148A, in the Chancellery.
Rules and Procedures

The University, in common with other large organizations, has some agreed ways of doing things in order to operate for the benefit of all members. The rules and procedures listed below will affect you at some time or another. In some cases there are penalties (eg fines or exclusion from examinations) for failure to observe these procedures and therefore they should be read with care.

Admission

Where can I get information about admission?

The Admissions Office, located in the Chancellery on the upper campus, provides information for students on admission requirements, undergraduate and graduate courses and enrolment procedures. The Admissions Office is open from 9 am to 5 pm Monday to Friday (excluding the lunch hour 1 pm to 2 pm). During enrolment the office is also open for some part of the evening.

Applications for special admission, admission with advanced standing and from persons relying for admission on overseas qualifications should be lodged with this office. The Office also receives applications from students who wish to transfer from one course to another, resume their studies after an absence of twelve months or more, or seek any concession in relation to a course in which they are enrolled. It is essential that the closing dates for lodgment of applications are adhered to. For further details see the sections below on Enrolment and Fees.

Applications for admission to undergraduate courses from students who do not satisfy the requirements for admission (see section on Requirements for Admission), from students seeking admission with advanced standing, and from students who have a record of failure at another university, are referred by the Admissions Office to the Admissions Committee of the Professorial Board.

Students seeking to register as higher degree candidates should first consult the Head of the School in which they wish to register. An application is then lodged on a standard form and the Admissions Office, after obtaining a recommendation from the Head of School, refers the application to the appropriate Faculty or Board of Studies Higher Degree Committee.

Details of the procedure to be followed by students seeking entry to first year courses at the University may be obtained from the Admissions Office or the Metropolitan Universities Admissions Centre.

How do I qualify for admission?

In order to enter an undergraduate course you must qualify for matriculation to the University; satisfy requirements for admission to the course of subjects chosen; and be selected for admission to the faculty or course you wish to enter. Full details of matriculation and admission requirements are contained in a pamphlet obtainable at the Admissions Office and in the Calendar.

Enrolment

How do I enrol?

All students, except those enrolling in graduate research degrees (see below), must lodge an authorized enrolment form with the Cashier on the day the enrolling officer signs the form or on the day their General Studies electives are approved if their course requires this.

All students, except those enrolling in graduate research degrees and those exempted (see below), should on that day also either pay the required fees or lodge an enrolment voucher or other appropriate authority.

What happens if I am unable to pay fees at the time of enrolment?

If you are unable to pay fees by the due date you may apply in writing to the Deputy Registrar (Student Services) for an extension of time which may be granted in extenuating circumstances.

If a student is unable to pay the fees the enrolment form must still be lodged with the Cashier and the student will be issued with a 'nil' receipt. The student is then indebted to the University and must pay the fees by the end of the second week of the Session for which enrolment is being effected. Penalties apply if fees are paid after that time (see "Fees" below). Payment may be made through the mail in which case it is important that the student registration number be given accurately.

New Undergraduate Enrolments

Persons who are applying for entry in 1977 must lodge an application for selection with the Metropolitan Universities Admissions Centre, PO Box 7049, GPO, Sydney 2001, by 1 October 1976.
Those who are selected will be required to complete enrolment at a specified appointment time before the start of Session 1. Compulsory fees must be paid on the day of the appointment. In special circumstances, however, and provided class places are still available, students may be allowed to complete enrolment after the prescribed week, subject to the payment of a penalty (see below).

Application forms and details of the application procedures may be obtained from the Admissions Office.

First Year Repeat Students

First year students who failed more than half the program at the 1976 Annual Examinations and who were not granted any deferred examinations should NOT follow the above procedure. They are required to show cause why they should be allowed to continue in the course, and should await instructions in writing from the Registrar as to the procedure.

Later Year Enrolments

Students should enrol through the appropriate School in accordance with the procedures set out in the current year's booklet, Enrolment Procedures, available from the Admissions Office and from School offices.

New Research Students

Students enrolling for the first time in graduate research degrees will receive an enrolment form by post. They have two weeks from the date of offer of registration in which to lodge the enrolment form with the Cashier and pay the appropriate fees. Completion of enrolment after this time will incur a penalty (see below).

Re-enrolling Research Students

Students re-enrolling in research degrees should lodge the enrolment form with the Cashier as soon as possible but no later than the end of the second week of Session 1. Completion of enrolment after that date will incur a penalty (see below).

Submission of Graduate Thesis or Project Report at Commencement of Session 1

A candidate who has completed all the work for a graduate degree except for the submission of a thesis or project report is required to re-enrol and pay fees as outlined above unless the thesis or project report is submitted by the end of the second week of Session 1 in which case the candidate is not required to re-enrol. Those required to re-enrol may claim a refund of fees if able to withdraw (see below).

Miscellaneous Subject Enrolments

Students may be permitted to enrol for miscellaneous subjects (ie as students not proceeding to a degree or diploma) provided the Head of the School offering the subject considers it will be of benefit and there is accommodation available. Only in exceptional cases will subjects taken in this way count towards a degree or diploma. Students who are under exclusion may not be enrolled in miscellaneous subjects which may be counted towards courses from which they have been excluded.

Students seeking to enrol in miscellaneous subjects should obtain a letter of approval from the Head of the appropriate School or his representative permitting them to enrol in the subject concerned. The letter should be given to the enrolling officer at the time of enrolment.

Students who have obtained written permission to enrol may attend the Unisearch House enrolment centre on:

- Friday 4 March
  - 9.30 am to 12.30 pm
- or they may attend the Admissions Office, Chancellery, at the times shown below.

<table>
<thead>
<tr>
<th>Week Commencing</th>
<th>Monday to Friday</th>
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<tbody>
<tr>
<td>7 March</td>
<td>9.30 am to 1.00 pm</td>
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<td>2.00 pm to 4.30 pm</td>
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<td>5.30 pm to 7.00 pm</td>
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<tr>
<td>14 March</td>
<td>9.30 am to 1.00 pm</td>
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<td></td>
<td>2.00 pm to 4.30 pm</td>
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<tr>
<td></td>
<td>Wednesday and Friday 5.30 pm to 7.00 pm</td>
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</tbody>
</table>

Final Dates for Completion of Enrolments

No enrolments for courses extending over the whole year or for Session 1 only will be accepted from new students after the end of the second week of Session 1 (18 March 1977) except with the express approval of the Deputy Registrar (Student Services) and the Heads of the Schools concerned; no later year enrolments for courses extending over the whole year or for Session 1 only will be accepted after the end of the fourth week of Session 1 (1 April 1977) except with the express approval of the Deputy Registrar (Student Services) and the Heads of Schools concerned. No enrolments for courses in Session 2 only will be accepted after the end of the second week of Session 2 (5 August 1977) except with the express approval of the Deputy Registrar (Student Services) and the Heads of Schools concerned.

How do assisted students (eg scholarship holders) enrol?

Scholarship holders or sponsored students who have an enrolment voucher or letter of authority from their sponsor should present it at the time of enrolment. Such vouchers and authorities are generally issued by the NSW Department of Education and the NSW Public Service. They are not always issued in time and students who expect to receive an enrolment voucher or other appropriate authority but have not done so must pay the fees (and arrange a refund later). Such vouch-
ers and authorities are not the responsibility of the University and their late receipt is not to be assumed as automatically exempting a student from the requirements of enrolling and paying fees.

What special rules apply if I wish to be considered for admission with advanced standing?

If you make application to register as a candidate for any degree or other award granted by the University you may be admitted to the course of study with such standing on the basis of previous attainments as may be determined by the Professorial Board. For complete details regarding "Admission with Advanced Standing" consult the University Calendar.

Can I transfer from one course to another?

To transfer from one course to another you must apply on an application form obtainable from the Admissions Office by 16 January. If your application is successful you are required to comply with the enrolment procedures for the year/stage of the new course and, unless otherwise instructed, you should present the letter granting transfer to the enrolling officer. You should also inform the enrolling officer of the school in which you are enrolled of your intention to transfer.

Can I change my course program?

If you wish to seek approval to substitute one subject for another, add one or more subjects to your program or discontinue part or all of your program, you must make application to the Registrar through the Head of the School responsible for the course on forms available from the School office. The Registrar will inform you of the decision. Application to enrol in additional subjects must be submitted by the end of the fourth week of Session 1.

It is emphasized that failure to sit for examinations in any subject in which you are enrolled will be regarded as failure to satisfy the examiners in that subject unless written approval to withdraw without failure has been obtained from the Registrar.

Withdrawal from subjects

Students are permitted to withdraw from subjects without being regarded as having failed, provided they apply by the dates indicated.

First Year Students

1. one-session subjects: the end of the eighth week of session;
2. double-session subjects: the end of the second week of Session 2.

For the purpose of this rule a first-year student is defined as one who is attending the University for the first time either on a full- or part-time basis and is enrolled in the first year or first stage of a course.

Other Students

1. one-session subjects: the end of the fourth week of session;
2. double-session subjects: the end of the May Recess.

How do I enrol after an absence of twelve months or more?

If you have had a leave of absence for twelve months and wish to resume your course you should follow the instructions about re-enrolling given in the letter granting your leave of absence. If you do not fully understand or have lost these instructions, then you should contact the Admissions Office either in December of the preceding year or before October in the year preceding the one in which you wish to resume your course.

If you have not obtained leave of absence from your course and have not been enrolled in the course over the past twelve months or more, then you should apply for admission to the course through the Metropolitan Universities Admission Centre before 1 October in the year preceding that in which you wish to resume studies.

Are there any restrictions upon students re-enrolling?

The University Council has adopted the following rules governing re-enrolment with the object of requiring students with a record of failure to show cause why they should be allowed to re-enrol and retain valuable class places.

First-year Rule

1. A student enrolled for the first time in any undergraduate course in the University shall be required to show cause why he/she should be allowed to continue the course if that student fails more than half the program in which he/she is enrolled. In order that students may calculate half their program, the weighting of subjects in each course is defined in Schedule A,* which may be varied from time to time by the Professorial Board.

Repeated-failure Rule

2. A student shall be required to show cause why he/she should be allowed to repeat a subject which that student has failed more than once. Where the subject is prescribed as part of the student's course he/she shall also be required to show cause why he/she should be allowed to continue that course. Failure in a deferred examination as well as in the initial examination counts for the purposes of this rule as one failure.

*For details of Schedule A see Restrictions upon Students Re-enrolling in the University Calendar.
General Rule

3. The Re-enrolment Committee may, on the recommendation of the relevant faculty or board of studies, review the academic progress of any student. If that student's academic record seems to demonstrate, in the opinion of the Committee, the student's lack of fitness to pursue a subject or subjects and/or a course or courses, the Committee may require that student to show cause why he/she should be allowed to re-enrol in such subject(s) and/or course(s).

The Session-unit System

4. A student who infringes the provisions of Rules 1 or 2 at the end of Session 1 of any year will not be required to show cause at that time but will be allowed to repeat the subject(s) (if offered) and/or continue the course in Session 2 of that year, subject to the rules of progression in that course.

B Such a student will be required to show cause at the end of the year, except that a student who has infringed Rule 2 at the end of Session 1, repeats the subject(s) in question in Session 2, and passes it/them, will not be required to show cause on account of any such subject.

Exemption from Rules by Faculties

5. A faculty or board of studies examination committee may, in special circumstances, exempt a student from some or all of the provisions of Rules 1 and 2.

B Such a student will not be required to show cause under such provisions and will be notified accordingly by the Registrar.

‘Showing Cause’

6. A student wishing to show cause must apply for special permission to re-enrol. Application should be made on the form available from the Examinations and Student Records Section and must be lodged with the Registrar by the dates published annually by the Registrar. A late application may be accepted at the discretion of the University.

B Each application shall be considered by the Re-enrolment Committee which shall determine whether the cause shown is adequate to justify the granting of permission to re-enrol.

Appeal

7. A student who is excluded by the Re-enrolment Committee from a course and/or subject(s) under the provisions of the Rules may appeal to an Appeal Committee constituted by Council for this purpose with the following membership:

A Pro-Vice-Chancellor nominated by the Vice-Chancellor who shall be Chairman.

The Chairman of the Professorial Board, or if he is unable to serve, a member of the Professorial Board, nominated by the Chairman of the Professorial Board, or when the Chairman of the Professorial Board is unable to make a nomination, nominated by the Vice-Chairman.

One of the category of members of the Council elected by the graduates of the University, nominated by the Vice-Chancellor.

The decision of the Committee shall be final.

B The notification to any student of a decision by the Re-enrolment Committee to exclude him/her from re-enrolling in a course and/or subject(s) shall indicate that the student may appeal against that decision to the Appeal Committee. In lodging such an appeal with the Registrar the student should provide a complete statement of all grounds on which the appeal is based.

C The Appeal Committee shall determine the appeal after consideration of the student's academic record, his/her application for special permission to re-enrol, and the stated grounds of appeal. In exceptional circumstances, the Appeal Committee may require the student to appear in person.

Exclusion

8. A student who is required to show cause under the provisions of Rules 1 or 3 and either does not attempt to show cause or does not receive special permission to re-enrol from the Re-enrolment Committee (or the Appeal Committee on appeal) shall be excluded from re-enrolling in the subject(s) and course(s) on account of which he was required to show cause. Where the subjects failed are prescribed as part of any other course (or courses) he/she shall not be allowed to enrol in any such course.

B A student who is required to show cause under the provisions of Rule 2 and either does not attempt to show cause or does not receive special permission to re-enrol from the Re-enrolment Committee (or the Appeal Committee on appeal) shall be excluded from re-enrolling in any subject he/she has failed twice. Where the subject failed is prescribed as part of the student's course he/she shall also be excluded from that course. Where the subject failed is prescribed as part of any other course (or courses) he/she shall not be allowed to enrol in any such course.

C A student excluded from a course or courses under the provisions of A or B may not enrol as a miscellaneous student in subjects which may be counted towards any such course.

† It is proposed that under this arrangement, the membership of the Appeal Committee will be Pro-Vice-Chancellor J. B. Thornton (Chairman), Professor D. M. McCallum, Chairman of the Professorial Board, and a member of Council in the category of members elected by the graduates of the University, nominated by the Vice-Chancellor.
Re-admission after Exclusion

9. A An excluded student may apply to the Re-enrolment Committee for re-admission after two academic years.

B An application for re-admission after exclusion should be made on the form available from the Examinations and Student Records Section and should be lodged with the Registrar not later than 31 August in the year prior to that for which re-admission is sought. A late application may be accepted at the discretion of the University.

C An application should include evidence that the circumstances which were deemed to operate against satisfactory performance at the time of exclusion are no longer operative or are reduced in intensity and/or evidence of appropriate study in the subject(s) (or the equivalent) on account of which the applicant was excluded.

Restrictions and Definitions

10. A These rules do not apply to students enrolled in programs leading to a higher degree or graduate diploma.

B A subject is defined as a unit of instruction identified by a distinctive subject number.

How do I apply for admission to degree or diploma?

Applications for admission to a degree or diploma of the University must be made on the appropriate form by 12 September, in a student’s final year. Forms are mailed to all final year students. Don’t forget to inform the University if you subsequently change your address so that correspondence related to the ceremony will reach you without delay. Applicants should ensure that they have completed all requirements for the degree or diploma, including industrial training where necessary. Any variation such as cancelling of application in order to proceed to an honours degree or submission of an application following discontinuation of honours program, must be submitted in writing to the Registrar no later than 30 January.

Fees

Fees and penalties quoted are current at the time of publication but may be amended by the University Council without notice.

Do I have to pay fees for tuition?

As a result of a decision by the Commonwealth Government, no tuition fees are charged in 1977.

What other fees and charges are payable?

Apart from the tuition fees (above) there are other fees and charges which include those charges raised to finance the expenses incurred in operating student activities such as the University Union, the Students’ Union, the Sports Association and the Physical Education and Recreation Centre. Penalties are also incurred if a student fails to complete procedures as required. Charges may also be payable, sometimes in the form of a deposit, for the hiring of kits of equipment which are lent to students for their personal use during attendance in certain subjects. Accommodation charges, costs of subsistence on excursions, field work etc, and for hospital residence (medical students) are payable in appropriate circumstances.

How much is my contribution to student activities and services on campus?

All students (with the exceptions noted below) will be required to pay the following fees if enrolling for a program involving two sessions. Those enrolling for only one session will pay one-half of the Student Activities Fees, but the full University Union entrance fee, if applicable.

Student Activities Fees

University Union—$25 entrance fee, payable on first enrolment
University Union—$45 annual subscription
Sports Association—$6 annual subscription
Students’ Union:
Students enrolling in full-time courses—$10 annual subscription
Students enrolling in part-time courses—$6 annual subscription
Miscellaneous—$25 annual fee.

The miscellaneous fee is used to finance expenses generally of a capital nature relating to student activities. Funds are allocated to the various student bodies for projects recommended by the Student Affairs Committee and approved by the University Council.

Are fees charged for examinations?

Generally there are no charges associated with examinations; however, two special examination fees are applied:

Examinations conducted under special circumstances—for each subject .... .... .... .... .... $11
Review of examination result—for each subject .... .... $11

What penalties exist for late payment of fees?

The following additional charges will be made in 1977 when fees are paid late:

Failure to lodge enrolment form according to enrolment procedure .... .... .... .... .... .... .... $20

* Fees quoted are current at the time of publication and may be amended by the Council without notice.
Payment of fees after end of second week of session $20
Payment of fees after end of fourth week of session $40

Locations and Hours of Cashier
Cashier's Offices are open during the enrolment periods referred to in this booklet. The locations and hours are shown below:

Unisearch House
221 Anzac Parade

Week Commencing 21 February
Monday and Thursday
10.00 am to 1.00 pm
2.00 pm to 5.00 pm
6.00 pm to 9.00 pm

Wednesday
10.00 am to 1.00 pm
2.00 pm to 5.00 pm

Friday
9.30 am to 1.00 pm

Chancellery
Week Commencing 21 February
Monday to Friday
9.30 am to 1.00 pm
2.00 pm to 4.30 pm

Friday
6.00 pm to 8.30 pm

First Week of Session 1 Commencing 7 March
Monday to Friday
9.30 am to 1.00 pm
2.00 pm to 4.30 pm
5.30 pm to 8.00 pm

Second Week of Session 1 Commencing 28 March
Monday to Friday
9.30 am to 1.00 pm
2.00 pm to 4.30 pm

Wednesday and Friday
5.30 pm to 8.00 pm

Third Week of Session 1 Commencing 21 March
Monday to Friday
9.30 am to 1.00 pm
2.00 pm to 4.30 pm
6.00 pm to 9.00 pm

Fourth Week of Session 1 Commencing 14 March
Monday to Friday
9.30 am to 1.00 pm
2.00 pm to 4.30 pm

Friday 26
5.30 pm to 8.00 pm

Who is exempt from payment of fees?
1. Life members of University Union, Sports Association, and Students' Union are exempt from the relevant fee or fees.
2. Students enrolled in courses classified as External are exempt from all Students Activities Fees and the University Union entrance fee.
3. University Union fees and subscriptions may be waived by the Deputy Registrar (Student Services) for students enrolled in graduate courses in which the academic requirements require no attendance on the Kensington campus.
4. Students who while enrolled at and attending another university (or other tertiary institution as approved by the Vice-Chancellor) in a degree or diploma course are given approval to enrol at the University of New South Wales but only in a miscellaneous subject or subjects to be credited towards the degrees or diplomas for which they are enrolled elsewhere are exempt from all Student Activities Fees and the University Union entrance fee.
5. Undergraduate students of a recognized university outside Australia who attend the University of New South Wales with the permission of the Dean of the appropriate faculty and of the Head of the appropriate school or department to take part as miscellaneous students in an academic program relevant to their regular studies and approved by the authorities of their own institution are exempt from all Student Activities Fees and the University Union entrance fee.
6. Graduate students not in attendance at the University and who are enrolling in a project only, other than for the first time, are exempt from all Student Activities Fees.
7. Graduate students resubmitting a thesis or project only are exempt from all Student Activities Fees.
8. All Student Activities Fees, for one or more sessions may be waived by the Deputy Registrar (Student Services) for graduate students who are given permission to pursue their studies away from the Kensington campus for one or more sessions.

How much will textbooks and special equipment (if any) cost?
You must allow quite a substantial sum for textbooks. This can vary from $200 to $600 depending on the course taken. These figures are based on the cost of new books. The Students' Union operates a second-hand bookshop. Information about special equipment costs, accommodation charges and cost of subsistence on excursions, field work, etc., and for hospital residence (medical students) are available from individual schools.

Will I receive any refund if I withdraw from a course?
Yes. The following rules apply:
1. If you withdraw from courses you are required to notify the Registrar in writing.
2. Where notice of withdrawal from a course is received by the Registrar before the first day of Session 1 a refund of all fees paid will be made. After that time only a partial refund will be made. See the Calendar for details.
What happens if I fail to pay the prescribed fees or charges?

If you fail to pay prescribed fees or charges or become otherwise indebted to the University and you fail to make a satisfactory settlement of your indebtedness upon receipt of due notice, then you cease to be entitled to the use of University facilities. You will not be permitted to register for a further session, to attend classes or examinations, or be granted any official credentials. In the case of a student enrolled for Session 1 only, or for Sessions 1 and 2, this disbarment applies if any portion of fees is outstanding after the end of the eighth week of Session 1 (29 April 1977). In the case of a student enrolled for Session 2 only, this disbarment applies if any portion of fees is outstanding after the end of the sixth week of Session 2 (2 September 1977).

In special cases the Registrar may grant exemption from disqualifications referred to in the preceding paragraph upon receipt of a written statement setting out all relevant circumstances.

Can I get an extension of time to pay?

If you apply before the due date and extenuating circumstances exist, an extension of time may be granted. Apply to the Deputy Registrar (Student Services).

Examinations

When are examinations held?

Examinations for Session 2 and for Full Year subjects are held in November/December. Examinations for Session 1 subjects are held during the Midyear Recess. Provisional timetables indicating the dates and times of examinations and notices of the location of examinations are posted on the central notice boards in the Biological Sciences Building, the Chancellery, Central Lecture Block, Dalton Building (Chemistry), Main Building (Mining and Physics), and in the Western Grounds Area on 10 May and 27 September. You must advise the Examinations Unit (Chancellery) of a clash in examinations by 23 May and 7 October. Final timetables are displayed and individual copies are available for students on 7 June and 25 October.

Misreading of the timetable is not an acceptable excuse for failure to attend an examination.

In the assessment of your progress in University courses, consideration is given to work in laboratory and class exercises and to any term or other tests given throughout the year as well as to the results of written examinations.

How are examination passes graded?

Passes are graded: High Distinction, Distinction, Credit and Pass. A Pass Conceded may be granted to a student whose mark in a subject is slightly below the standard required for a pass but whose overall satisfactory performance warrants this concession.

A Terminating Pass may be granted where the mark for the subject is below the required standard. A terminating pass will not permit a student to progress further in the subject or to enrol in any other subject for which a pass in the subject is a co-requisite or pre-requisite. A student given a terminating pass may attempt a deferred examination, if available, to improve his performance but should he fail in such attempt, the terminating pass shall stand.

When are examination results available?

Final examination results will be posted to your term address (which can be altered up to 30 November) or to your vacation address (fill in a form obtainable at the Information Desk, Chancellery, also by 30 November). Results are also posted on School notice boards and in the foyer of the Sir John Clancy Auditorium. No examination results are given by telephone.

Can examination results be reviewed?

Examination results may be reviewed for a fee of $11 a subject, which is refundable in the event of an error being discovered. This review consists mainly of ensuring that all questions attempted have been marked and checking the total of the marks awarded. Applications for review must be submitted on the appropriate form to the Examinations and Student Records Section together with the necessary fee by the dates printed on the reverse side of Notification of Results.

Are allowances made if students are sick before or during an examination?

A student who through serious illness or other cause outside his control is unable to attend an examination is required to bring the circumstances (supported by a medical certificate or other evidence) to the notice of the Registrar not later than seven days after the date of the examination, and may be required to submit to medical examination.

A student who believes that his performance in a subject has been affected by serious illness during the year or by other cause outside his control, and who desires these circumstances to be taken into consideration in determining his standing, is required to bring the circumstances (supported by a medical certificate or other evidence) to the notice of the Registrar as soon as the circumstances are known but not later than seven days after the date of the examination.
All medical certificates should be as specific as possible concerning the severity and duration of the complaint and its effect on the student's ability to take the examinations.

A student who attempts an examination, yet claims that his performance is prejudiced by sickness on the day of the examination must notify the Registrar or Examination Supervisor before, during, or immediately after the examination, and may be required to submit to medical examination.

A student suffering from a physical disability which puts him at a disadvantage in written examinations should apply to the Registrar in writing for special provision when examinations are taken. The student should support his request with medical evidence.

Use of electronic calculators
Where the use of electronic calculators has been approved by a faculty or school, examiners may permit their use in examinations. Authorized electronic calculators are battery operated with the minimum operations of addition, subtraction, multiplication and division and are of a type in common use by university students. They are not provided by the University, although some schools may make them available in special circumstances.

How are examinations conducted?
Examinations are conducted in accordance with the following rules and procedure:

1. Candidates are required to obey any instruction given by an examination supervisor for the proper conduct of the examination.

2. Candidates are required to be in their places in the examination room not less than ten minutes before the time for commencement.

3. No bag, writing paper, blotting paper, manuscript or book, other than a specified aid, is to be brought into the examination room.

4. No candidate shall be admitted to an examination after thirty minutes from the time of commencement of the examination.

5. No candidate shall be permitted to leave the examination room before the expiry of thirty minutes from the time the examination commences.

6. No candidate shall be re-admitted to the examination room after he has left it unless during the full period of his absence he has been under approved supervision.

7. A candidate shall not by any improper means obtain, or endeavour to obtain, assistance in his work, give, or endeavour to give, assistance to any other candidate, or commit any breach of good order.

8. Smoking is not permitted during the course of examinations.

9. All answers must be in English unless otherwise directed. Foreign students who have the written approval of the Officer-in-Charge of Examinations may use standard translation dictionaries.

10. A candidate who commits any infringement of the rules governing examinations is liable to disqualification at the particular examination, to immediate expulsion from the examination room, and to such further penalty as may be determined in accordance with the By-laws.

Under what circumstances are deferred examinations granted?
Deferred examinations may be granted in the following cases:

1. When a student through illness or some other acceptable circumstance has been prevented from taking the annual examination or has been placed at a serious disadvantage during the annual examinations.

2. To help resolve a doubt as to whether a student has reached the required standard in a subject.

3. To allow a student by further study to reach the required standard in a subject.

4. Where a student's progression or graduation is inhibited by his failure in one subject only, a deferred examination may be granted notwithstanding his failure otherwise to qualify for this concession.

In the Faculties of Arts, Commerce and Law special circumstances apply in the granting of deferred examinations. Details in each circumstance are given in the section Faculty Information in the respective handbooks for these faculties, or in the Calendar.

Deferred examinations must be taken at the centre at which the student is enrolled, unless he has been sent on compulsory industrial training to a remote country centre or interstate. In this case the student must advise the Registrar, on a form available from his school or the Information Desk, the Chancellery, of relevant particulars, before leaving for his destination, in anticipation that deferred examination papers may have to be forwarded to him. Normally, the student will be directed to the nearest university for the conduct of the deferred examination.

Can I buy copies of previous examination papers?
Yes—for 5c each from the Union Shop in the University Union.
Essays

Should I list my sources?

Students are expected to acknowledge the sources of ideas and expressions that they use in essays. To provide adequate documentation is not only an indication of academic honesty but also a courtesy enabling the marker to consult your sources with ease. Failure to do so may constitute plagiarism which is subject to a charge of academic misconduct.

Student Conduct on Campus

Is there a detailed code of rules related to the general conduct of students?

No. The University has not considered it necessary to formulate a detailed code of rules relating to the general conduct of students.

However, now that you have become a member of the University you should understand that this involves an undertaking on your part to observe its rules, by-laws and other requirements, and to pay due regard to any instructions conveyed by any officer of the University.

What are the rules related to attendance at classes?

You are expected to be regular and punctual in attendance at all classes in the course or subject in which you are enrolled. All applications for exemption from attendance at lectures or practical classes must be made in writing to the Registrar.

In the case of illness or of absence for some other unavoidable cause you may be excused by the Registrar for non-attendance at classes for a period of not more than one month or, on the recommendation of the Dean of the appropriate Faculty, for a longer period.

Applications for exemption from lectures (leave of absence) should be addressed to the Registrar and, where applicable, should be accompanied by a medical certificate. If examinations have been missed, state this in your application.

If you fail a subject at the annual examinations in any year and re-enrol in the same course in the following year, you must include in your program of studies for that year the subject in which you failed. This requirement will not be applicable if the subject is not offered the following year; is not a compulsory component of a particular course; or if there is some other cause which is acceptable to the Professorial Board, for not immediately repeating the failed subject.

If you attend less than eighty per cent of your possible classes, you may be refused permission to sit for the examination in that subject.

Why is my University Union card important?

All students enrolled for courses leading to degrees and/or diplomas, except those exempt from fees, are issued with a University Union membership card. Your card must be carried during attendance at the University and shown on request.

The number appearing on the front of the card above your name is your student registration number used in the University's records. This number should be quoted in all correspondence.

The card must be presented when borrowing from the University libraries, when applying for travel concessions and when notifying a change of address. It must also be presented when paying fees on re-enrolment each year when it will be made valid for the year and returned. Failure to present the card could result in some inconvenience in completing re-enrolment.

If you lose your Union card it is important to notify the University Union as soon as possible.

New students will be issued with University Union cards on enrolment.

Why should I inform the University if I change my address?

If you change your address you should notify the Student Records Section of the Registrar's Division as soon as possible. Failure to do this could lead to important correspondence (including examination results) not reaching you. The University cannot accept responsibility if official communications fail to reach students who have not notified their change of address. Change of Address Advice Forms are available at Faculty and School offices and at the Information Counters on the Ground Floor of the Chancellery Building.

These will be accepted up to 30 November, except for final year students who may advise changes up to four weeks before their graduation ceremony.

Will the University release information to third parties without my permission?

In general, no. The University treats examination results and information it receives from a student as confidential and will not reveal such information to third parties without the permission of the student except at the discretion of senior officers in circumstances considered of benefit to the student and when it is either impossible or impracticable to gain the student's prior permission. This happens rarely. This policy is considered so important that it often involves officers of the University in very difficult situations, for example, when they must refuse to reveal the address of a student to parents or other relatives.

In spite of the policy, there are sometimes accusations made that the University has revealed information, including addresses (especially to insurance companies).
All students should be aware that students’ addresses are eagerly sought by various commercial agents and that sometimes tricks are used to obtain them. For example, from time to time people claiming to be from the University telephone students or their families and ask for information (usually another student’s address) which is often given, unsuspectingly. There is evidence that this is a technique used by commercial agents.

It would be generally helpful if students (and their families and friends) are cautious in revealing information, making it a practice to ask the name, position, and telephone extension of any caller claiming to be from the University and, if suspicious, returning the call to the extension given.

How are student records kept up to date?

Enrolment details forms will be sent to all students on 30 April and 30 August. It is not necessary to return these forms unless any information recorded thereon is incorrect. Amended forms must be returned to the Examinations and Student Records Section within fourteen days. Amendments notified after the closing date will not be accepted unless exceptional circumstances exist and approval is obtained from the Registrar. Amended forms returned to the Registrar will be acknowledged in writing within fourteen days.

Is there any rule related to the ownership of students’ work?

Yes. The University reserves the right to retain at its own discretion the original or one copy of any drawings, models, designs, plans and specifications, essays, theses or other work executed by you as part of your courses, or submitted for any award or competition conducted by the University.

Can I get a permit to park on campus?

Only a limited amount of parking is available on campus. Copies of the University’s parking rules may be obtained on application to Room 240, Chancellery Building.

Lost Property?

All enquiries concerning lost property should be made to the Superintendent on extension 3580 or to the Lost Property Office at the Union.

Further Information

Where can I get further information concerning courses, admission requirements, scholarships and enrolment procedure?
Preface

This Handbook is primarily for undergraduate students in the Faculty of Arts and aims to provide in convenient form information concerning the Faculty, the requirements for the degree of Bachelor of Arts and the subject matter of the different courses offered, including text and principal reference books.

An endeavour has been made to provide answers to those problems which students are most likely to encounter. *It is important that each student in the Faculty becomes well acquainted with the information presented here.* If problems remain unanswered, enquiries may be referred to the Faculty office, Room G1, which is situated on the ground floor of the Morven Brown Building (Arts), near the top of Basser Steps.

It is possible that changes may be made affecting the information presented in this Handbook, especially concerning subjects offered and prescribed reading. Students are strongly advised to consult frequently the notice-boards of the different Schools as well as the official notice-boards of the University, to keep abreast of any changes as well as to keep informed of pertinent announcements from time to time.

Students requiring information or advice concerning enrolment, the structure of their degree requirements, progression within their degree program, change of program or any other general administrative matters should see Associate Professor A. A. Congalton, Executive Assistant to the Dean of the Faculty of Arts, or Mr R. R. Karrer, Administrative Assistant.

Matters concerning subject content and subject requirements should be discussed with the appropriate Schools.
Staff

Comprises Schools of Drama, English, French, German, History, History and Philosophy of Science, Philosophy, Political Science, Russian, Sociology, Spanish and Latin American Studies. The following Schools are members of the Faculty: Economics, Mathematics and Psychology.

Dean
Professor F. K. Crowley

Chairman
Professor O. N. Burgess

Executive Assistant
Associate Professor A. A. Congalton

Administrative Assistant
René Roger Karrer, BA N.S.W.

Research Assistant
Jacqueline Itbery, BA N.S.W.

Senior Lecturers
Victor Eugene Emeljanow, MA N.Z., PhD Stan.
Oliver Fiala, BA MEd DipEd Syd., PhD Colorado, MACE
Philip Edward Parsons, BA W.Aust., MA PhD Camb.
Marie-Louise Mathilde Thiersch, MA Adel., PhD N.S.W.
Jean Wilhelm, AB Smith, MA West Virginia, PhD Minn.

Lecturers
Peter Rene Gerdes, PhD Basle
John Duncan Golder, BA R'dg., MA Brist.
Margaret Anne Williams, BA Melb., PhD Monash

Tutors
Timothy Fitzpatrick, BA Syd.
William Pollak
David Mitchell Watt, BA Monash

School of Drama

Professor of Drama and Head of School
Cecil Robert Burnet Quentin, MA Oxon.

School of Economics

See Faculty of Commerce.
School of English

Professor of English and Head of School
Harold James Oliver, MA Syd., FAHA

Professor of English
Oliver Neil Burgess, MA DipEd Syd.

Associate Professors
Ronald George Geering, MA DipEd Syd.
Harry Payne Heseltine, BA W.Aust., MA PhD Louisiana State

Senior Lecturer
James Michael Allen, BA Rand and Oxon.

Lecturers
Mary Elizabeth Chan, MA Victoria, PhD Cantab., LTCL
Michael Joseph Creemyn, MA Melb.
Roslyn Dora Haynes, BSc Syd., MA Tas., PhD Laic.
Anthony John Bruce Johnson, MA Adel., PhD Lond.
Denise Desiree Harding Kalfas, BA Syd., MA Oxon., DipClassArchaeol Oxon.
Richard Elton Raymond Madelaine, BA Adel., PhD Lond.
Janet Christine Walker, MA Syd.

Senior Tutor
Pauline Ethel Watson, BA DipEd Syd., MA N.S.W.

Tutors
Eleanor Margaret Bradstock, BA DipEd Syd., MA Macq.
Robyn Ann Graham, BA N.S.W.
Marlene Ann Hall, BA Syd.
Rosalind Ann Pitman, BA N.E.
Louise Katherine Wakeling, BA N.S.W., DipEd N.E., MA Adel.

School of German

Professor of German and Head of School
John Rowland Milfull, BA PhD Syd.

Senior Lecturer
Gero Max von Wilpert

Lecturers
Gerhard Fischer, MA St. Cloud, PhD N.Y. State
Bernd Rüdiger Hüppauf, DrPhil Tübingen
Konrad Kwiet, DrPhilhabil F.U. Berlin
Olaf Günter Reinhardt, BA PhD Syd.
Margaret Anne Rose, BA PhD Monash
Harry Leonard Simmons, BA W.Aust., PhD A.N.U.

School of History

Professor of History and Head of School
Francis Keble Crowley, MA PhD Melb., DPhil Oxon., FAHA

Professor of History
Patrick James O’Farrell, MA N.Z., PhD A.N.U.

Associate Professor
Kathleen Nellie Woodroofe, MA PhD Adel.

Senior Lecturers
Ian Donald Black, BA Adel., PhD A.N.U.
Richard Ian Cashman, BA Syd., MA Monash, PhD Duke
Beverley Rhonda Kingston, BA Qld., PhD Monash

School of French

Professor of French and Head of School
Jean Stephane Jacques Roger Henri Chaussevert, LèsL Paris, MèsL Poitiers

Senior Lecturer
**Arts Lecturers**

Ian James Bickerton, BA Adel., MA Kansas, PhD Claremont Colls.
Philip Sidney Edwards, BA Lond., PhD Camb.
Frank Farrell, BA A.N.U., DipEd Canberra C.A.E., PhD A.N.U.
Alan David Gilbert, MA A.N.U., DPhil Oxon.
Maxwell Vernon Harcourt, MA W.Aust., PhD Sus.
John Edward Ingleson, MA W.Aust., PhD Monash
Marian Ruth Kent, BA N.Z., BA PhD Lond.
Michael Matthew McKernan, BA A.N.U., PhD A.N.U.
Jürgen Tampke, BA Macq., PhD A.N.U.
Ian Robert Tyrell, BA Qld., MA PhD Duke

**School of Mathematics**

See Faculty of Science.

**School of Philosophy**

Professor of Philosophy and Head of School
Charles Leonard Hamblin, BSc MA Melb., PhD Lond.

Senior Lecturers
Richard Eric Dowling, BA Syd., PhD Lond.
Peter Cornwallis Gibbons, BA Syd., BPhil Oxon.
Raymond Steven Walters, MA Syd.

**Tutors**

Benedict Francis Kiernan, BA Monash
Helen Rosemary King, BA N.S.W.
Anthony William Mitchell, BA Manc.
Nguyen Pham Dian, BA A.N.U.
Carolyn O'Brien, MA Qld.
Andree Margaret Wright, BA N.S.W.

**School of History and Philosophy of Science**

Professor of History and Philosophy of Science and Head of School
Jarlath Ronayne, MA Dub., PhD Camb.

Professor of History and Philosophy of Science
John Basil Thornton, BA BSc Syd.

Senior Lecturers
Robert Mortimer Gascoigne, MSc Syd., PhD LIV.
William Hilton Leatherdale, BA Melb., PhD N.S.W.

Lecturers
William Randall Albury, BA PhD Johns H.
Guy Allard Freeland, BA PhD Brist., CertHist&PhilosSci-Camb.
David Roger Oldroyd, MA Camb., MSc Lond., PhD N.S.W.
John Richard Saunders, BSc Sus., PhD N.S.W.

Senior Tutor
Nessy Allen, BA DipEd N.S.W.

**School of Political Science**

Professor of Political Science and Head of School
Douglas MacRae McCallum, BA Syd., MA BPhil Oxon.

Professor
Preston King, BA Fisk, Tennessee, MSc PhD L.S.E.

Associate Professor
Owen Harries, BA Wales, MA Oxon.

Senior Lecturers
Donald Richmond Horne
Anthony Creedon Palfreeman, LèsScPol Geneva, MA A.N.U.

Lecturers
Adrian Man-Cheong Chan, BA Syd., PhD A.N.U.
Conal Stratford Condren, MSc(Econ.) PhD Lond.
Hartmut Kopsch, BA Sheff., MA Br.Col., PhD Lond.
Frederick Alexander Mediansky, BA San Francisco, PhD Syd.
John Barrington Paul, MA Melb.
George Shipp, MEC Syd.
Elaine Vera Thompson, BEc PhD Syd.

Tutors
Ross Andrew Edward Fitzgerald, BA Monash, MA Case W.R., PhD N.S.W.
Damian John Grace, BA N.S.W.
Robert John Griffin, BA N.S.W.
Nora Frida Isert, BA Syd.

Research Assistant
Elizabeth Jane Ellis, BA N.S.W., DipEd. Syd.

School of Psychology

See Faculty of Biological Sciences.

School of Russian

Professor of Russian and Head of School
Tatjana Cizova, BA Syd. and Lond., DiplSlavStudies Oxon.

Senior Lecturer
Michael Ulman, Diplom Leningrad State Univ.

Lecturers
Zhanna Dolgopolova, Diplom Gersten Pedagog.Inst., Leningrad
Barry Edward Lewis, BA MPhil Leeds

Senior Tutor

School of Sociology

Professor of Sociology and Head of School
Colin Roy Bell, BA Keele, MScEcon Wales

Professor
Solomon Encel, MA PhD Melb.

Associate Professor
Athol Alexander Congalton, MA DipEd N.Z.

Senior Lecturer
Stephen Oliver D'Alton, MEC Syd., PhD N.S.W.

Lecturers
Michael Paul Bittman, BA N.S.W.
William John Bottomley, BA Syd.
Bettilna Cass, BA N.S.W.
Alexander Kondos, BA W.Aust.
Terence Sean Leahy, MA Car.
Frances Hewlett Loveloy, BSc BCom Qld., MAgEc N.E.
Alexander Francis Mamak, BA Calif., MA PhD Hawaii
Grant Edwin McCall, BA Calif. and San Francisco, BLitt Oxon.
Hannah Elina Middleton, BA Lond., PhD Berlin East
John Joseph Ray, BA Syd., PhD Macq.
Henrietta Resler, BA N.S.W.
James Stanley Ward, BA Calif., BPhil Liv., PhD Maryland

Tutors
Eva Maria Cox, BA N.S.W.
Mira Crouch, BA Syd.
Ann Emily Macken, BEc Syd.
David Allen Roberts, BSc(Soc) Lond., PGCE Liv.

Research Assistant
Tiina Pill, BA City, N.Y.

School of Spanish and Latin American Studies

Professor of Spanish and Head of School
Robert Johnson, MA Camb.

Senior Lecturers
James Robert Levy, MA Col., PhD Penn.
Luis Alberto Vargas Saavedra, MA Chile, PhD Madrid

Lecturers
Jane Yankovic Bandler, BA Chatham, MA PhD Yale
John Thomas Brotherton, BA PhD Birm.
Stephen William George Gregory, MA Sheff.
John Stevenson, MA Essex and Lond.
Faculty Information

In the Faculty of Arts undergraduate courses to Honours level are offered in the fields of Drama, Economic History, Economics, English, French, Geography, German, History, History and Philosophy of Science, Industrial Relations, Mathematics (Pure and Applied), Philosophy, Political Science, Psychology, Russian, Sociology, Spanish and Latin American Studies, and Statistics.

The undergraduate courses offered lead to the degree of Bachelor of Arts (BA) at either Pass or Honours level.

Undergraduate courses leading to the double degrees of Bachelor of Arts and Bachelor of Laws and of Bachelor of Arts and Bachelor of Engineering are also offered. Information about these combined degrees is contained in the handbooks of the Faculties of Law and Engineering.

The graduate courses offered for qualified students lead to the degree of Master of Arts (MA) (pass or honours), or Doctor of Philosophy (PhD). In addition, the Faculty may recommend the award of the degree of Doctor of Letters (DLitt) for an original contribution of distinguished merit to Letters. Not all Schools are offering the MA degree at Pass and Honours level. Prospective graduate students should seek further information from the Head of the School concerned.

Details of the conditions governing the award of these graduate degrees and diplomas and details of graduate courses are given later in this handbook.

Faculty of Arts Enrolment Procedures*

Preliminary Enrolment
Re-enrolment forms and Form Arts/77 will be obtainable from the Faculty Office, Room G1, Arts Building, from early October 1976. Each student must collect these forms and return them completed to the Faculty Office no later than 14 January 1977. Students who are unable to pick up their own forms should send a representative to do so for them with a letter of authority. Any students requiring advice on their 1977 program can make an appointment to discuss it with Professor A. Congalton by telephoning 663 0351, extension 3251, or calling at the Faculty Office, Room G1, Arts Building.

Enrolment Timetable
Having complied with the preliminary enrolment instructions students should return to complete their re-enrolment in Room G3, Arts Building, in accordance with the following timetable:

Year 2
Surnames A to C Thursday 24 February
9.30 am to 12.30 pm
Surnames D to H Thursday 24 February
2.30 pm to 5.00 pm
Surnames I to L Friday 25 February
9.30 am to 12.30 pm

*As a result of a decision by the Commonwealth Government, no tuition fees are charged in 1977.
Faculty Information

Surnames M to O
Friday 25 February
2.30 pm to 5.00 pm

Surnames P to S
Monday 28 February
9.30 am to 12.30 pm

Surnames T to Z
Monday 28 February
2.30 pm to 5.00 pm

Year 3
Surnames A to C
Tuesday 1 March
9.30 am to 12.30 pm

Surnames D to H
Tuesday 1 March
2.30 pm to 5.00 pm

Surnames I to L
Wednesday 2 March
9.30 am to 12.30 pm

Surnames M to O
Wednesday 2 March
2.30 pm to 5.00 pm

Surnames P to S
Thursday 3 March
9.30 am to 12.30 pm

Surnames T to Z
Thursday 3 March
2.30 pm to 5.00 pm

Year 4
Surnames A to L
Friday 4 March
9.30 am to 12.30 pm

Surnames M to Z
Friday 4 March
2.30 pm to 5.00 pm

Geography Subjects
Students enrolling or re-enrolling in Geography subjects are to attend Hut 7 on one of the following dates:

Monday 28 February
10.00 am to 12.00
2.00 pm to 4.00 pm

Wednesday 2 March
10.00 am to 12.00
2.00 pm to 4.00 pm
6.00 pm to 8.00 pm

Friday 4 March
10.00 am to 12.00
2.00 pm to 4.00 pm

Monday 7 March
10.00 am to 12.00
2.00 pm to 4.00 pm

in order to obtain class admission cards and to be allocated places in tutorials and laboratories.

New Students with Advanced Standing
Friday 4 March
9.30 am to 12.30 pm
2.30 pm to 5.00 pm
6.00 pm to 7.30 pm

Students who are unable to attend personally for re-enrolment should send a representative to do so at the specified time with a letter of authority. Students who fail to do this or fail to attend personally will be required to attend one of the late enrolment periods (see relevant section).

Enrolment Centre
Room G3
Morven Brown Building (Arts)

Late Enrolments
Students are strongly advised to attend for enrolment during Enrolment Week as those who fail to do so not only miss initial classes but disrupt lecture, tutorial and practical work programs and cause considerable inconvenience to lecturers and the punctual students.

There are two late enrolment sessions:

First Late Enrolment Period
Wednesday 9 March

Second Late Enrolment Period
Wednesday 16 March

The times and locations for late enrolment in the Faculty of Arts are:

Faculty Office, Room G1,
Ground Floor
Morven Brown Building
2.00 pm to 6.00 pm

Enquiries Concerning Course Regulations
Students requiring assistance should consult the Faculty of Arts Office, telephone 663 0351, extension 2248, Room G1, Morven Brown Building.

Deferred Examinations in Arts and Commerce

1. Except in exceptional circumstances deferred examinations may only be granted in Commerce degree courses in subjects taught by schools of the Faculty or by those schools in the Faculty of Arts listed in (2) below or in the Arts degree courses in subjects offered by the School of Economics, when a student through illness or for some other acceptable reason has been prevented from taking the examination or has been placed at a serious disadvantage during the examination;

2. except on medical or compassionate grounds, no deferred examination may be granted in the Arts degree course in subjects offered by the Schools of Drama, English, French, German, Geography, History, History and Philosophy of Science, Philosophy, Political Science, Russian, Sociology, Spanish and Latin American Studies.

For further information on deferred examinations, students should consult the General Information—Examinations section in an earlier part of this handbook.
Faculty of Arts Library Facilities

Although any of the University Libraries may meet specific needs, staff and students of the Faculty of Arts are mainly served by the Social Sciences and Humanities Library and the Undergraduate Library.

The Social Sciences and Humanities Library

This library is designed to serve the specialized reference and research needs of staff, graduate students and senior Undergraduate students.

All students are welcome to use the library and to borrow books from it. The main entrance to the Social Sciences and Humanities Library can be reached by taking the lift to Level 4 of the library building.

The Undergraduate Library

This library caters for the library needs of first and second year students and other groups where large numbers require mass teaching. It provides a reader education program and reader assistance service aimed at teaching students the basic principles of finding information.

Services of particular interest to undergraduates and academic staff are:

- The Open Reserve Section, housing books and other materials which are required reading.

- The Audio-Visual Section, containing cassette tapes, mainly lectures and other spoken word material. The Audio-Visual Section has wired study carrels and cassette players for student use.

Social Sciences & Humanities Librarian Alan Walker
Undergraduate Librarian Pat Howard

Student Clubs and Societies

Students have the opportunity of joining a wide range of clubs and societies. Affiliated with the Students' Union are the School and Faculty associations, and the numerous religious, social and cultural clubs. There are also many sporting clubs affiliated with the Sports Association.

Clubs and societies seeking to use the name of the University in their title, or seeking University recognition, must submit their constitutions either to the Students' Union or the Sports Association if they wish to be affiliated with either of these bodies, or to the Registrar for approval by the University Council.

Historical Society

The Historical Society was formed to assist students of History to develop an interest in the subject outside their formal studies.

In pursuit of this objective the Society presents guest speakers, holds film showings, and holds cocktail parties, and arranges other functions. It is hoped, this year, to expand the programme to include as wide a variety of activities as possible to cater for the interests of as many students as possible.

All students and staff in the School of History are members of the Historical Society, and with the payment of a small activities fee qualify to attend social functions either at a reduced price or no charge at all.

Please address all enquiries to the School of History, or to: The Secretary, UNSW Historical Society, School of History, The University of New South Wales, PO Box 1, Kensington, NSW 2033.

Regular meetings of the Historical Society are held in the History Seminar Room (350) in the Morven Brown Building. All students are welcome to attend.

Dramsoc (University of NSW Dramatic Society)

Dramsoc is one of the oldest of the University Societies and in recent time has enjoyed a period of rapid growth. We hope to have a most comprehensive program of plays, play-readings, and revues. We wish to encourage many active new members. For further information on Dramsoc, write c/o Box 69, University Union.

The French Society

The main aim of the French Society is to afford students the opportunity of expressing their interests in French language and culture. This is being done presently through a wide range of social activities including dinners, wine and cheese soirées, films, a play production and so on. Possibilities for enjoying French language and culture are endless but depend on the initiative and motivation of students of the School.

The Society is also oriented to developing informal relations between students and staff. Frank discussion has helped establish in the School a friendly and informal atmosphere.

Pre-term enquiries should be addressed to the French Society through the School of French.

Socratic Society

The purpose of the Socratic Society is to promote discussion on controversial and intellectually stimulating topics.

The Society has no views, except that discussion is a good thing: its members have a diversity of views and find that its seminars and meetings provide an excellent opportunity to express them.
Membership of the Society is not in any way limited to one School or Faculty and the matters discussed cover a very wide field. The Society organises regular public meetings, private meetings and seminars.

Further information may be obtained from the School of Philosophy.

The Julian Society
Concerned to provide the opportunity for interesting discussions on all types of literature, the Julian Society, the literary society of the University, meets fortnightly, currently, on Tuesday nights. With a predominantly student membership, the society engages in informal meetings, generally taking the form of a short paper followed by discussion. Wine and supper are provided at each meeting. Topics for papers are by no means confined to topics on the English syllabus, nor are speakers all drawn from the University of New South Wales.

Further information may be obtained from Professor R. G. Geering (School of English), extension 2246.

The German Society
The German Society aims to provide an opportunity for students and members of staff with an interest in things German to meet each other and exchange views.

The Society organizes a varied program of film nights, dinners, excursions, talks, and other social gatherings.

Further details may be obtained from the Secretary of the School of German.

Scientia
Scientia is the Society of the School of History and Philosophy of Science. Its aims are to develop interest in history and philosophy of science, both in general and as an academic discipline, to further the unification of the sciences and the humanities, and to provide an opportunity for informal meetings of staff and students. Activities centre on a program of lectures by visiting speakers and seminars at which members’ papers are read and discussed.

Membership is open to all members of the University and is free to students enrolled in courses in the School of History and Philosophy of Science.

The Geographical Society
It is hoped that students taking geography as a subject will participate in the activities organized by the Geographical Society. The Society is relatively new and is therefore open to new ideas and to people who are concerned with fostering an interest in the subject. Lectures and informal discussion groups are organized so that students can have the opportunity of listening to experts in the various fields of geography.

Social activities have always been an important part of the Society and they have provided more than adequate opportunities for students to get to know each other and for students and staff to improve communications.

The Psychology Society
The Psychology Society aims to provide activities both educational and social for students of psychology, and, more generally, to act as an intermediary body between students and staff. While psychology is one of the most popular subjects available to Arts students, many students have only a vague conception of psychology and are unsure where their courses will lead them.

One of the aims of the Psychology Society is to provide information relevant to these matters. Last year a highly successful careers seminar was held, in which speakers from various areas of psychological practice discussed requirements and opportunities in their respective fields. In a School so large it is difficult to develop a meaningful degree of personal contact between students of different years and students and staff. The Society attempts to provide opportunities for such contact, to foster staff-student relations and to act in the interest of psychology students as a whole. Accordingly, we hope to include such items as staff-student luncheons, informal discussions and theatre parties. On the educational side there are film showings and occasional talks and seminars (eg, on careers, course requirements, etc). An activities fee enables the committee to meet any of the finances needed to support its functions.

Financial Assistance to Students
The scholarships and prizes listed below are available to students whose courses are listed in this handbook.
A similarly oriented list appears in the Faculty Information section of each of the faculty handbooks.

The complete list of University scholarships and prizes appears in the General Information section of the Calendar.
Scholarships

*Undergraduate Scholarships*

As well as the assistance mentioned earlier in this Handbook (see General Information: Financial Assistance to Students) there are a number of scholarships available to students. What follows is an outline only. Full information may be obtained from the Student Employment and Scholarships Unit, located on the Ground Floor of the Chancellery.

Unless otherwise indicated in footnotes, applications for the following scholarships should be made to the Registrar by 14 January each year.

<table>
<thead>
<tr>
<th>Donor</th>
<th>Value</th>
<th>Year/s of Tenure</th>
<th>Conditions</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>General</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bursary Endowment Board*</td>
<td>$300 pa if living at home; $400 pa if living away from home</td>
<td>7 years</td>
<td>Merit in HSC and total family income not exceeding $4000.</td>
</tr>
<tr>
<td>Sam Cracknell Memorial</td>
<td>$1000 to $1500 pa payable in fortnightly instalments</td>
<td>1 year</td>
<td>Prior completion of at least 2 years of a degree or diploma course and enrolment in a full-time course during the year of application; academic merit; participation in sport either directly or administratively; and financial need.</td>
</tr>
<tr>
<td>Air Force Association</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Memorial Scholarship</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Olivetti Australia Pty Ltd</td>
<td>$600 pa</td>
<td>2 years subject to satisfactory progress</td>
<td>Eligibility for admission to third year of the full-time course leading to the degree of Bachelor of Arts or Bachelor of Science majoring in Mathematics or Statistics.</td>
</tr>
</tbody>
</table>

*Apply to The Secretary, Bursary Endowment Board, Box 7077, GPO, Sydney 2001 immediately after sitting for HSC.*
**Graduate Scholarships**

Applications for scholarships should be made in triplicate on the required form, and sent to the Registrar by 31 October. Eligibility depends on such factors as the applicant holding an honours degree or equivalent qualification, or having relevant experience. Students completing the final year of a course may apply. Those under bond should disclose this fact. Awards are tenable for one year, and may be renewed for a maximum of two years for a Masters and 3 to 4 years for a PhD degree. Renewal each year is subject to satisfactory progress. Any exceptions from these requirements are indicated.

Application forms and further information are available from the Student Employment and Scholarships Unit, which is located on the ground floor of the Chancellery. This Unit produces the booklet *Graduate Awards*, and also provides information on additional scholarships which may become available from time to time, mainly from funds provided by organizations sponsoring research projects.

Where possible, the scholarships are listed in order of the schools within the faculty.

### General

<table>
<thead>
<tr>
<th>Donor</th>
<th>Value</th>
<th>Year/s of Tenure</th>
<th>Conditions</th>
</tr>
</thead>
<tbody>
<tr>
<td>University of New South Wales Research Awards</td>
<td></td>
<td>1-2 years for a Masters and 3-4 years for a PhD degree</td>
<td>Applicants must be honours graduates (or equivalent).</td>
</tr>
<tr>
<td>Australian Government (Research Awards)</td>
<td>Living allowance of $4000 pa. Other allowances may also be paid.</td>
<td>As above</td>
<td>Applicants must be honours graduates (or equivalent) who will graduate with honours in current academic year, and who are permanent residents of Australia.</td>
</tr>
<tr>
<td>Australian Government (Course Awards)</td>
<td></td>
<td>1-2 years; minimum duration of course</td>
<td>Applicants must be graduates or scholars who will graduate in current academic year, and who are permanent residents of Australia, and who have not previously held a Commonwealth Postgraduate Award. Applications to Registrar by 30 September.</td>
</tr>
<tr>
<td>Australian American Educational Foundation Travel Grant*</td>
<td></td>
<td>Up to 1 year</td>
<td>Applicants must be graduates, senior scholars or post-doctoral Fellows. Graduate applications close 31 December. Other applications by mid-November.</td>
</tr>
<tr>
<td>Australian Federation of University Women</td>
<td>A total of $500/$3200</td>
<td></td>
<td>Applicants must be female graduates from any accredited Australian or overseas university.</td>
</tr>
<tr>
<td>The British Council Commonwealth University Interchange Scheme</td>
<td>Cost of travel to UK or other Commonwealth country university</td>
<td></td>
<td>Applicants must be: 1. University staff on study leave. Applications close with Registrar by 30 November. For visits to commence during ensuing financial year 1 April to 31 March. 2. Graduate research workers holding research grants. Applications close with Registrar by 28 February for visits to commence during ensuing 1 April to 31 March.</td>
</tr>
</tbody>
</table>

*Application forms are available from: The Secretary, Department of Education, AAEF Travel Grants, PO Box 826, Woden, ACT 2606.*
## Graduate Scholarships (continued)

<table>
<thead>
<tr>
<th>Donor</th>
<th>Value</th>
<th>Year/s of Tenure</th>
<th>Conditions</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>General (continued)</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Canadian Pacific Airlines Award for Travel to Canada for University Graduates</td>
<td>One free economy class return flight a year to Canada</td>
<td></td>
<td>Graduates of an Australian University who are Australian citizens or permanent residents. Candidates must have been accepted by a Canadian University, be able to support themselves on a full-time basis, and intend to return to Australia. Applications close with Registrar by 31 May.</td>
</tr>
<tr>
<td>Commonwealth Scholarship and Fellowship Plan</td>
<td>Varies for each country. Generally covers travel, living, tuition fees, books and equipment, approved medical expenses. Marriage allowance may be payable.</td>
<td>Usually 2 years, sometimes 3</td>
<td>Graduates who are Commonwealth citizens or British Protected Persons, and who are not older than 35 years of age. Applications close with Registrar by 1 October.</td>
</tr>
<tr>
<td>General Motors Holden’s Research Fellowship</td>
<td>Living allowance and other allowances</td>
<td>Maximum of 3 years</td>
<td>Graduates qualified to undertake research program for Masters or PhD degree.</td>
</tr>
<tr>
<td>Gowrie Graduate Research Travelling Scholarship</td>
<td>Maximum $2000 pa</td>
<td>2 years</td>
<td>Applicants must be members of the Forces or children of members of the Forces who were on active service during the 1939-45 War.</td>
</tr>
<tr>
<td>Harkness Fellowships of the Commonwealth Fund of New York*</td>
<td>Living and travel allowances, tuition and research expenses, book and equipment and other allowances</td>
<td>Between 12 to 21 months</td>
<td>Candidates must be either: 1. Members of the Commonwealth or a State Public Service or semi-government Authority. 2. Staff or graduate students at an Australian university. 3. Individuals recommended for nomination by the Local Correspondents. The candidate will usually have an honours degree and be between 21-30 years of age. Applications close 23 July.</td>
</tr>
<tr>
<td>IBM Graduate Scholarship Plan</td>
<td>A maximum of $1200 pa</td>
<td>A maximum of 2 years for a degree of Master and 4 years for a PhD</td>
<td>Graduates must already hold a scholarship, such as an Australian Government Postgraduate Research Award and be studying computer science or its applications. Applications close with Registrar by 30 November.</td>
</tr>
<tr>
<td>Frank Knox Memorial Fellowships at Harvard University</td>
<td>Stipend of $3400 plus tuition fees pa</td>
<td>2 years</td>
<td>Applicants must be British subjects and Australian citizens, who are graduates or near graduates of an Australian University.</td>
</tr>
</tbody>
</table>

*Application forms must be obtained from the Australian representative of the Fund, Mr. L. T. Hinde, Reserve Bank of Australia, Box 3947, GPO, Sydney, NSW 2001. These must be submitted to the Registrar by 24 July.
### Graduate Scholarships (continued)

<table>
<thead>
<tr>
<th>Donor</th>
<th>Value</th>
<th>Year/s of Tenure</th>
<th>Conditions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nuffield Foundation Commonwealth Travelling Fellowships†</td>
<td>Approximately £2240 stg pa for married fellow and wife. Approximately £1760 stg pa in other cases plus travelling costs.</td>
<td>1 year</td>
<td>Australian citizens usually between 25 and 35 who are graduates preferably with higher degrees and who have at least a year's teaching or research experience at a university. Applications close by February.</td>
</tr>
<tr>
<td>The Rhodes Scholarship**</td>
<td>£1650 stg pa</td>
<td>2 years, may be extended for a third year</td>
<td>Unmarried male and female British subjects, between the ages 19 and 25 who have been domiciled in Australia at least 5 years and have completed at least 2 years of an approved university course. Applications close in July each year.</td>
</tr>
<tr>
<td>Rothmans Fellowships Award‡</td>
<td>$12000 pa</td>
<td>Up to 3 years</td>
<td>The field of study is unrestricted. Applications close early September each year.</td>
</tr>
<tr>
<td>Arts, Commerce, Law</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Shell Scholarship in Arts</td>
<td>£1750 stg pa plus travelling expenses</td>
<td>2 years</td>
<td>Applicants must be unmarried, male British subjects, under 25 years of age, with at least 5 years domicile in Australia and who are completing a full-time course in Law or a full-time honours course for Bachelor of Arts or Commerce. The successful candidate will attend a British University to pursue an honours or higher degree. Applications close with the Registrar by 1 October.</td>
</tr>
</tbody>
</table>

†Applications to the Secretary, The Nuffield Foundation Australian Advisory Committee, Chemistry Laboratory, Barry Building, University of Melbourne, Parkville, Victoria 3052.

**Applications to Mr H. McCredie, Secretary of the NSW Committee, University of Sydney, NSW 2006.

‡Applications to The Secretary, Rothmans University Endowment Fund, University of Sydney, NSW 2006.
## Arts

### Prizes

#### Undergraduate University Prizes

The following table summarizes the undergraduate prizes awarded by the University. Prizes which are not specific to any School are listed under 'General'. All other prizes are listed under the Faculty or Schools in which they are awarded.

<table>
<thead>
<tr>
<th>Donor/Name of Prize</th>
<th>Value $</th>
<th>Awarded for</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>General</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sydney Technical College Union Award</td>
<td>50.00</td>
<td>Leadership in the development of student affairs, and academic proficiency throughout the course.</td>
</tr>
<tr>
<td>University of New South Wales Alumni Association</td>
<td>Statuette</td>
<td>Achievement for community benefit — students in their final or graduating year.</td>
</tr>
<tr>
<td><strong>School of Chemistry</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Advanced Analytical Chemistry</td>
<td>100.00</td>
<td>2.013D Advanced Analytical Chemistry.</td>
</tr>
<tr>
<td>Abbott Laboratories Pty Ltd</td>
<td>50.00</td>
<td>2.003B Organic Chemistry II.</td>
</tr>
<tr>
<td>Australian Chemical Holdings Ltd</td>
<td>21.00</td>
<td>2.001 Chemistry I.</td>
</tr>
<tr>
<td>Australian Consolidated Industries Ltd</td>
<td>30.00</td>
<td></td>
</tr>
<tr>
<td>Borden Chemical Co (Aust) Pty Ltd</td>
<td>50.00</td>
<td>Subject selected by Head of School.</td>
</tr>
<tr>
<td>Chamber of Manufactures of New South Wales</td>
<td>15.00</td>
<td></td>
</tr>
<tr>
<td>CSR Chemicals Ltd</td>
<td>100.00</td>
<td>Chemistry Honours.</td>
</tr>
<tr>
<td>Inglis Hudson Bequest</td>
<td>6.00</td>
<td>2.002B Organic Chemistry I.</td>
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<tr>
<td>The Nestlé Co (Aust) Ltd</td>
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<tr>
<td>Parke Pope</td>
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<tr>
<td>Tooth &amp; Co Ltd</td>
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<tr>
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<td>21.00</td>
<td>2.003A Physical Chemistry II.</td>
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<tr>
<td>George Wright</td>
<td>20.00</td>
<td>Subject selected by Head of School.</td>
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<tr>
<td><strong>School of Drama</strong></td>
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<tr>
<td>Fourth Centenary Shakespeare</td>
<td>100.00</td>
<td>Essay on Shakespearean topic.</td>
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<tr>
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<tr>
<td>Australian Finance Conference</td>
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<td>15.083 Public Finance.</td>
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<tr>
<td>Brinds Ltd</td>
<td>100.00</td>
<td>15.013 Economics IIIA (Honours) and 15.033 Economics IIIB (Honours).</td>
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<tr>
<td>Unilever Aust Pty Ltd</td>
<td>21.00</td>
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<tr>
<td></td>
<td>21.00</td>
<td>15.022 Economics IIB and 15.042 Economics IIC.</td>
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<td>21.00</td>
<td>15.023 Economics IIIB.</td>
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<td>21.00</td>
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<tr>
<td>Donor/Name of Prize</td>
<td>School of English</td>
<td>Value</td>
</tr>
<tr>
<td>---------------------</td>
<td>------------------</td>
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</tr>
<tr>
<td>New South Wales Association of University Women Graduates</td>
<td>20.00</td>
<td>English essays — women students only.</td>
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<table>
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<tr>
<th>Donor/Name of Prize</th>
<th>School of German</th>
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<tr>
<td>Book Award</td>
<td>Proficiency in second year course.</td>
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<tr>
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<tr>
<td>The Ritchie Medal for Australian History</td>
<td>Medal</td>
<td>Excellence in Australian History — within the Bachelor of Arts Course.</td>
<td></td>
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<table>
<thead>
<tr>
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<tr>
<td>ICI Australia Ltd</td>
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<td>Theory of Statistics IV.</td>
<td></td>
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<tr>
<td>School of Mathematics</td>
<td>25.00</td>
<td>Higher Mathematics I.</td>
<td></td>
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<tr>
<td></td>
<td>25.00</td>
<td>Higher Pure Mathematics II.</td>
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<tr>
<td></td>
<td>25.00</td>
<td>Higher Applied Mathematics II.</td>
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<td></td>
<td>25.00</td>
<td>Higher Pure Mathematics III.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>25.00</td>
<td>Higher Applied Mathematics III.</td>
<td></td>
</tr>
<tr>
<td>Statistical Society of Australia (New South Wales Branch)</td>
<td>20.00</td>
<td>General proficiency — Theory of Statistics subjects.</td>
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</tr>
<tr>
<td>The Broken Hill Proprietary Co Ltd</td>
<td>50.00</td>
<td>Higher Theory of Statistics II.</td>
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<tr>
<td>W. D. &amp; H. O. Wills (Aust) Ltd</td>
<td>50.00</td>
<td>Higher Theory of Statistics III.</td>
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<tr>
<th>Donor/Name of Prize</th>
<th>School of Political Science</th>
<th>Value</th>
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<tbody>
<tr>
<td>Australian Institute of Political Science</td>
<td>40.00</td>
<td>Political Science Stage I. and one year's subscription to the 'Australian Quarterly'</td>
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</tr>
<tr>
<td>Staff of the School of Political Science</td>
<td>50.00</td>
<td>Political Science Stage II.</td>
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<tr>
<td>The Griffin Prize in Political Science</td>
<td>75.00</td>
<td>Best dissertation on a political topic or topics in the Faculty of Arts.</td>
<td></td>
</tr>
<tr>
<td>The Shell Co of Aust Ltd</td>
<td>75.00</td>
<td>Distinguished performance in the Political Science Course.</td>
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</tr>
<tr>
<td>The Sydney Morning Herald</td>
<td>100.00</td>
<td>Political Science Stage III or IV.</td>
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<table>
<thead>
<tr>
<th>Donor/Name of Prize</th>
<th>School of Psychology</th>
<th>Value</th>
<th>Awarded for</th>
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<tbody>
<tr>
<td>Psychology Staff Prize</td>
<td>10.00</td>
<td>Best Psychology Year II.</td>
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</tr>
<tr>
<td>Australian Psychological Society</td>
<td>Free student subscribership of the Australian Psychological Society for two years</td>
<td>Psychology Year II (two awards).</td>
<td></td>
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</tbody>
</table>
The basic unit of instruction in the Faculty of Arts is a session unit of fourteen weeks. In addition, some Schools of the Faculty offer A double units, in which a candidate receives credit for two units or none on the completion of the second unit at the end of Session 2 and B 28-week units, which span both sessions of a calendar year, but which count as only one unit towards the degree.

Units designed by Schools of the Faculty primarily for students in their first and second session of study are termed Level I units. Units designed for students in their third, fourth, fifth and sixth sessions of study are termed Upper Level units. Upper Level units designed primarily for students wishing to proceed to the Special Honours degree are termed Advanced Level units. Units designed for Special Honours degree candidates in their seventh and eighth sessions of study are termed Honours Level units.

Students will enrol for both sessions of the calendar year at the beginning of Session 1 but they may amend their enrolment prior to the beginning of Session 2.

### Course Structures

#### 1. Pass Degree

The regulations governing course structures for the Pass Degree are to be found under Rules 10 to 13 below. The normal progression for a pass degree is:

- **Year 1**: 8 Level I units (usually made up of 4 subjects)
- **Year 2**: 6 Upper Level units
- **Year 3**: 4 Upper Level units

However, the sequence may be varied so long as it complies with the Rules (see next section) governing the award of the degree.

Major sequences available in the Faculty are listed in Schedule B. A major sequence is an approved sequence of at least four Upper Level units, normally taken over the third, fourth, fifth and sixth sessions of study.

Before enrolling in a unit, students should make sure they have satisfied the prerequisites and/or co-requisites specified at the beginning of the description of each unit. A prerequisite unit must have been completed before enrolment; a co-requisite unit must be taken concurrently with the unit chosen, unless it has been completed previously.

#### 2. Special Honours Degree

The regulations governing the Special Honours Degree are to be found under Rules 20 to 23 below. The normal progression for a special honours degree is as follows:

- **Year 1**: 8 Level I units (usually made up of 4 subjects)
- **Year 2**: 2 Advanced Level units in the subject in which the student is specializing, together with 2 Upper Level units in one of the other subjects already passed at Level I
- **Year 3**: 4 units in the student's special subject (normally Advance Level units)
- **Year 4**: 2 Honours Level units.

The above sequence may be varied within the Rules (see next section) but students are advised to consult the Head of the School of their special subject and/or the Executive Assistant to the Dean of the Faculty of Arts.
early in the planning of their courses. Students contemplating a combined Special Honours Degree in two schools should note particularly the requirements of Rule 22.

The attention of students wishing to proceed to this degree is drawn particularly to the requirement that they must satisfy the prerequisites laid down by each School for admission to Honours Level. Such students should consult the School or Schools concerned to discuss their program before enrolling in their third session of study.

Prerequisites for admission to Honours Level may consist of:
- A Advanced Level units;
- B Units or sub-units in other Schools.

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**Western European Studies**

Although the Faculty of Arts does not offer a major in Western European Studies, the following units are grouped together in this handbook in order to draw the attention of students wishing to specialize in this area in their major subject to the wide range of ‘support’ units available in other schools. Students are reminded that the regulations for the BA degree allow them great flexibility in their choice of Upper Level units to supplement their major subject.

**Tabular Key**

The following is the key to information about each subject: F (Full year, i.e. both sessions); S1 (Session 1); S2 (Session 2).

**First Level units**

<table>
<thead>
<tr>
<th>No.</th>
<th>Name</th>
<th>Unit Value</th>
<th>When Offered</th>
<th>Prerequisites</th>
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</thead>
<tbody>
<tr>
<td></td>
<td><strong>Economic History</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>15.701</td>
<td>European Economy and Society to 1800</td>
<td>1</td>
<td>S1</td>
<td></td>
</tr>
<tr>
<td>15.711</td>
<td>European Industrialization in a Nationalistic Framework</td>
<td>1</td>
<td>S2 15.701</td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>History</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>51.511</td>
<td>History IB: Europe 1500-1850</td>
<td>2</td>
<td>F</td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>History and Philosophy of Science</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>62.201</td>
<td>The Modern History of Western Cosmology</td>
<td>1</td>
<td>S1</td>
<td></td>
</tr>
<tr>
<td>62.202</td>
<td>The History of Ancient and Renaissance Cosmology</td>
<td>1</td>
<td>S2</td>
<td></td>
</tr>
<tr>
<td>62.211</td>
<td>The Seventeenth Century Intellectual Revolution</td>
<td>1</td>
<td>S1</td>
<td></td>
</tr>
<tr>
<td>62.212</td>
<td>The Cultural Impact of the Seventeenth Century Scientific Revolution</td>
<td>1</td>
<td>S2</td>
<td></td>
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<tr>
<td></td>
<td><strong>Philosophy</strong></td>
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<td></td>
<td></td>
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<tr>
<td>52.151</td>
<td>Plato</td>
<td>½</td>
<td>S1</td>
<td></td>
</tr>
<tr>
<td>52.152</td>
<td>Hume</td>
<td>½</td>
<td>S2</td>
<td></td>
</tr>
<tr>
<td>52.182</td>
<td>Introduction to Political Philosophy</td>
<td>½</td>
<td>S2</td>
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### Upper Level units

<table>
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<tr>
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<th>Unit Value</th>
<th>When Offered</th>
<th>Prerequisite</th>
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<tr>
<td></td>
<td><strong>Drama</strong></td>
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</tr>
<tr>
<td>57.156</td>
<td>Classical French Theatre</td>
<td>1</td>
<td>S1</td>
<td>57.103*</td>
</tr>
<tr>
<td>57.506</td>
<td>Drama and Theatre in Germany</td>
<td>1</td>
<td>S2</td>
<td>57.104* (1976)</td>
</tr>
<tr>
<td></td>
<td>*Or equivalent qualifications as determined by the School.</td>
<td></td>
<td></td>
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</tr>
<tr>
<td></td>
<td><strong>Economic History</strong></td>
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</tr>
<tr>
<td>15.653</td>
<td>Aspects of British Economic and Social Change 1740-1850</td>
<td>1</td>
<td>S2</td>
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<tr>
<td>15.655</td>
<td>The Commercial and Financial Revolutions of Europe in the Seventeenth and Eighteenth Centuries</td>
<td>1</td>
<td>S1</td>
<td>15.601 or 15.701 or 51.511</td>
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<tr>
<td>15.665</td>
<td>Economic and Social History of Modern Germany</td>
<td>1</td>
<td>S2</td>
<td>15.711 or 15.601 or 51.511 or 64.501 or 64.521</td>
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<tr>
<td></td>
<td><strong>French</strong></td>
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<tr>
<td>56.152</td>
<td>French Political Theatre in the 20th Century</td>
<td>1</td>
<td>F</td>
<td>Any four Level One Arts units</td>
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<tr>
<td>56.162</td>
<td>Recent Political and Sociological Speculation by French Intellectuals</td>
<td>1</td>
<td>S2</td>
<td>Any four Level One Arts units and preferably H.S.C. 2 unit French (grade 1, 2 or 3)</td>
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<tr>
<td></td>
<td><strong>German</strong></td>
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<tr>
<td>64.600</td>
<td>German Literature and Society in the 20th Century</td>
<td>1</td>
<td>F</td>
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<tr>
<td>64.610</td>
<td>German Literature and Society</td>
<td>1</td>
<td>F</td>
<td>†Approval to take these units should be obtained from the School</td>
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<tr>
<td>64.620</td>
<td>German Reading Course</td>
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<tr>
<td>64.630</td>
<td>Germany since 1945</td>
<td>2</td>
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<tr>
<td></td>
<td>†Offered in alternate years.</td>
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<td></td>
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<tr>
<td></td>
<td><strong>History</strong></td>
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</tr>
<tr>
<td>51.522</td>
<td>History IIC: Modern Europe</td>
<td>2</td>
<td>F</td>
<td>51.511 or 64.521 or 15.711</td>
</tr>
<tr>
<td>or 51.692</td>
<td>Weimar and Nazi Germany (Advanced Level)</td>
<td></td>
<td></td>
<td>See Schedule A</td>
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<tr>
<td></td>
<td><strong>History and Philosophy of Science</strong></td>
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<td></td>
<td></td>
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<tr>
<td>62.223</td>
<td>The Discovery of Time</td>
<td>1</td>
<td>S1</td>
<td>Any four Arts or other approved units</td>
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<tr>
<td>62.242</td>
<td>Introduction to the History of Ideas</td>
<td>1</td>
<td>S2</td>
<td>Any four Level One Arts units</td>
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<tr>
<td>62.243</td>
<td>The Darwinian Revolution</td>
<td>1</td>
<td>S2</td>
<td>Any four Arts or other approved units</td>
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<tr>
<td>62.253</td>
<td>Social History of Science from the French Revolution to World War II</td>
<td>1</td>
<td>S2</td>
<td>Any four Arts or other approved units</td>
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<tr>
<td>62.203</td>
<td>The Freudian Revolution</td>
<td>1</td>
<td>S1</td>
<td>62.243 or 62.273 or 62.283 (or special permission)</td>
</tr>
<tr>
<td>62.213</td>
<td>Marxism and Science</td>
<td>1</td>
<td>S2</td>
<td>Four Arts or other approved units including at least two of: 52.193, 52.253, 52.373, 52.383</td>
</tr>
<tr>
<td>62.293</td>
<td>Science and the Strategy of War and Peace</td>
<td>1</td>
<td>S1</td>
<td>Any four Arts or other approved units</td>
</tr>
<tr>
<td>62.513</td>
<td>The History of the Philosophy and Methodology of Science</td>
<td>1</td>
<td>S1</td>
<td>Four Arts or other approved units (including two units of History and Philosophy of Science or Philosophy or one unit of History and Philosophy of Science and one unit of Philosophy)</td>
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### Upper Level units

<table>
<thead>
<tr>
<th>No.</th>
<th>Name</th>
<th>Unit</th>
<th>When</th>
<th>Prerequisite</th>
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<tbody>
<tr>
<td>52.163</td>
<td>Descartes</td>
<td>½</td>
<td>S1</td>
<td>**</td>
</tr>
<tr>
<td>52.173</td>
<td>British Empiricism</td>
<td>½</td>
<td>S1</td>
<td>**</td>
</tr>
<tr>
<td>52.183</td>
<td>Greek Philosophy: Thales to Plato</td>
<td>½</td>
<td>S1</td>
<td>**</td>
</tr>
<tr>
<td>52.213</td>
<td>Sartre</td>
<td>½</td>
<td>S1</td>
<td>52.163</td>
</tr>
<tr>
<td>52.243</td>
<td>Logical Atomism</td>
<td>½</td>
<td>S2</td>
<td>**</td>
</tr>
<tr>
<td>52.293</td>
<td>Plato's Later Dialogues</td>
<td>½</td>
<td>S2</td>
<td>52.483</td>
</tr>
<tr>
<td>52.303</td>
<td>Spinoza and Leibniz</td>
<td>½</td>
<td>S2</td>
<td>52.163</td>
</tr>
<tr>
<td>52.363</td>
<td>Wittgenstein</td>
<td>½</td>
<td>S1</td>
<td>52.243</td>
</tr>
<tr>
<td>52.463</td>
<td>Plato's Theory of Forms</td>
<td>½</td>
<td>S2</td>
<td>**</td>
</tr>
<tr>
<td>52.493</td>
<td>Existentialism</td>
<td>½</td>
<td>S1</td>
<td>**</td>
</tr>
<tr>
<td>52.503</td>
<td>Utopias</td>
<td>½</td>
<td>S1</td>
<td>** and 52.182</td>
</tr>
<tr>
<td>52.513</td>
<td>Social and Political Philosophy</td>
<td>½</td>
<td>S1</td>
<td>** and 52.182</td>
</tr>
<tr>
<td>52.523</td>
<td>Classical Ethical Theories</td>
<td>½</td>
<td>S1</td>
<td>**</td>
</tr>
<tr>
<td>52.533</td>
<td>Contemporary Ethics</td>
<td>½</td>
<td>S2</td>
<td>52.523</td>
</tr>
<tr>
<td>52.543</td>
<td>The Philosophy of Love</td>
<td>½</td>
<td>S1</td>
<td>52.163 or 52.173 or 52.263</td>
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</table>

**Upper Level status in Philosophy.

### Political Science

<table>
<thead>
<tr>
<th>No.</th>
<th>Name</th>
<th>Unit</th>
<th>When</th>
<th>Details</th>
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<tbody>
<tr>
<td>54.262</td>
<td>The Government and Politics of Germany and Italy</td>
<td>1</td>
<td>F</td>
<td>Two Level One units in Political Science including 54.901 or 15.655 or 64.521 or 51.522</td>
</tr>
<tr>
<td>54.302</td>
<td>Marxism</td>
<td>½</td>
<td>S1</td>
<td>Two Level One units (Cr) in Political Science including 54.901</td>
</tr>
<tr>
<td>54.312</td>
<td>Fascism</td>
<td>½</td>
<td>S2</td>
<td>Two Level One units (Cr) in Political Science including 54.901 or 15.655 (Cr) or 51.522 (Cr) or 64.521 (Cr)</td>
</tr>
</tbody>
</table>

Co-requisite: 54.262

### Sociology

<table>
<thead>
<tr>
<th>No.</th>
<th>Name</th>
<th>Unit</th>
<th>When</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>53.202</td>
<td>Comparative Industrial Societies/A</td>
<td>½</td>
<td>S1</td>
<td>53.101 and 53.102</td>
</tr>
<tr>
<td>53.209</td>
<td>Comparative Industrial Societies/B</td>
<td>½</td>
<td>S2</td>
<td>Comparative Industrial Societies/A</td>
</tr>
<tr>
<td>53.207</td>
<td>Social Anthropology/A</td>
<td>½</td>
<td>S1</td>
<td>53.101 and 53.102</td>
</tr>
<tr>
<td>53.210</td>
<td>Social Anthropology/B</td>
<td>½</td>
<td>S2</td>
<td>Social Anthropology/A</td>
</tr>
</tbody>
</table>
Undergraduate Study

Rules Governing the Award of the Degree of Bachelor of Arts

General

1. The degree of Bachelor of Arts may be conferred as a Pass Degree, as a General Honours Degree, or as a Special Honours Degree in one or two Schools. There shall be three classes of Honours, namely, Class I, Class II in two Divisions, and Class III.

2. No person shall be permitted to enrol in any qualifying unit for the Degree of Bachelor of Arts at the same time as he is enrolled for any other degree or diploma in this University or elsewhere except in the case of recognized combined degrees.

3. A candidate for the Degree of Bachelor of Arts shall enrol for at least three units in each of the first and second sessions of the first year of study. A candidate may not enrol for more than four units in any one session.

4. Enrolment in a unit shall be conditional on the candidate's meeting the prerequisites and co-requisites prescribed for that unit.

5. A candidate who has
   A attended such lectures, seminars and tutorials as are prescribed for a unit;
   B performed satisfactorily such exercises, laboratory work, essays and thesis as may be prescribed in a unit;
   C passed such examinations as may be prescribed for a unit,
   shall be regarded as having completed that unit.

6. Subject to provisions of Rules 2 and 7, a candidate may be permitted to complete concurrently at another university not more than three courses or six units and to count such courses or units towards the Degree provided that permission shall not be granted under this clause to complete courses or units from another university which are taken by way of external study or which are available at the University of New South Wales.

7. An applicant seeking advanced standing or a candidate wishing to take courses at another University shall first submit in writing to Faculty a statement of the courses or units for which he seeks credit or which he wishes to complete at the other university together with a list of the remaining units that he proposes to complete within the Faculty in order to qualify for the degree. Faculty shall then determine the courses or units, if any, for which credit is to be granted or the courses or units which the applicant may complete at the other university and count towards the degree, and shall also determine the remainder of the applicant's program within the Faculty.

8. A Upon sufficient cause being shown in a particular case or cases Faculty may vary the requirements of any of these rules. Any request for variation of Rule 20 shall be accompanied by a letter from the Head or Heads of Schools concerned supporting the proposed variation.

   B A candidate enrolled in the combined Arts/Law course who successfully completes all subjects and units prescribed for the first three years of the course (including the correct sequences of Arts units) shall be eligible for the award of the pass degree of Bachelor of Arts. Any such candidate who wishes to proceed to the Honours degree of Bachelor of Arts shall complete such additional work as may be prescribed by the Head or Heads of Schools concerned and approved by Faculty.
9. Faculty shall determine the standing in relation to these rules of candidates who first enrolled before 1 January 1975 and who wish to re-enrol after that date.

Pass Degree

10. A candidate shall complete over no fewer than six sessions eighteen of the units listed in Schedule A.

11. Of the eighteen units which a candidate shall complete:
   A four shall be Upper Level units comprising a major sequence chosen from those listed in Schedule B;
   B no more than ten shall be Level I units;
   C no more than two Level I units and six Upper Level units shall be taken in one subject.

12. Units offered by other faculties or boards of studies which do not correspond to session units in the Faculty of Arts and sub-units offered at Upper Level within the Faculty of Arts may also be counted towards the total of eighteen units specified in Rule 10. Faculty shall determine the value of such units in terms of fractions of a session unit.

13. Faculty may consider the award of the degree to a student who, over at least six sessions of study, has completed sixteen units, provided:
   A that he has satisfied the other requirements for the degree;
   B that he has completed at least four Advanced Level units.

General Honours Degree

14. A candidate for the General Honours Degree shall complete twenty-two units over no fewer than eight sessions of study.

15. Eighteen of the twenty-two units shall be completed under Rules 1 to 13. If, on completing these units the candidate has obtained a pass at credit level or better in at least five Upper Level units, he may apply to Faculty for acceptance as a General Honours Degree candidate.

16. The remaining four units shall be Advanced Level units and shall be completed within two sessions. A candidate may seek permission from a Head of School to undertake Honours Level units in place of one or more of these additional Advanced Level units.

17. The four additional units shall be completed with a pass at credit level or better.

18. Faculty shall determine the class of Honours to be awarded on the basis of the candidate's academic record.

19. Where a candidate for General Honours fails to reach credit level in these four additional units, he may proceed to graduation with a Pass Degree.

Special Honours Degree

20. A student who wishes to proceed to Honours Level shall have completed sixteen units including no more than eight Level I units under Rules 1-13 above and have satisfied the prerequisites laid down by the School or Schools concerned.

21. In the seventh and eighth sessions of study, a candidate shall complete two Honours Level units and any other work set by the relevant School. These two units together shall be regarded as comprising a double unit and a final grade shall be determined only at the end of the eighth session of study.

22. The Special Honours Degree may also be taken as a Combined Special Honours Degree in two Schools. Students wishing to proceed to the Combined Special Honours Degree shall normally be required to undertake a program in their fifth and sixth sessions of study consisting of two Advanced Level units (or their equivalent) in each of the two subjects concerned (in special circumstances, a student may be permitted by the Executive Sub-committee of Faculty to enrol in an additional unit or units), followed in the seventh and eight sessions of study by one Honours Level unit in each School and such other work as the two Heads of Schools may jointly require, such program be approved by Faculty through its Executive Sub-committee. *

23. In special circumstances a person on whom the Pass Degree of Bachelor of Arts has been conferred may be admitted by Faculty to candidature for the Special Honours Degree with credit for all units completed if during his studies for the Pass Degree he has satisfied the prerequisites for proceeding to Honours Level laid down by the School or Schools concerned.

*Students who wish to proceed to the Combined Special Honours Degree must consult the Heads of Schools concerned at the latest before the end of their fourth session of study as the prerequisite units required for entry to the Combined Honours Levels units may differ from those required from the ordinary Special Honours Degree.
Undergraduate Study

Courses available for the Degree of Bachelor of Arts

Schedule A

The following is a list of units available for study in the Faculty of Arts. The list shows details of prerequisites, co-requisites and exclusions (units which cannot be taken in addition to the unit listed).

Intending Honours students should examine carefully the prerequisites for admission to the Honours year. These are set out in more detail in the Subject Descriptions in this handbook.

Tabular Key

The following is the key to the information supplied about each subject in the table below: F (Full year, ie both sessions); S1 (Session 1); S2 (Session 2); SS (single session, ie one only); I, II, III (Levels I, II, III); U (Upper Level); A (Advanced Level); H (Honours Level); Hpw (Hours per week).

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### Biology**

<table>
<thead>
<tr>
<th>No.</th>
<th>Name</th>
<th>Level</th>
<th>Unit Value</th>
<th>When Offered</th>
<th>Hpw</th>
<th>Prerequisites</th>
<th>Co-requisites</th>
<th>Excluded</th>
</tr>
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<tbody>
<tr>
<td>17.011</td>
<td>Biology of Mankind</td>
<td>I</td>
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<td>S1</td>
<td>6</td>
<td>H.S.C. Science 2 or 4 Unit, Grades 1, 2 or 3</td>
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<tr>
<td>17.021</td>
<td>Compar. Functional</td>
<td>I</td>
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<td>S2</td>
<td>6</td>
<td>17.011 Terminating pass acceptable</td>
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<td></td>
<td>Biology</td>
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<td>17.012</td>
<td>Gen. Ecology</td>
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<td>43.101</td>
<td>Genetics</td>
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<td>17.001 or 17.011 and 17.021</td>
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<td>Flowering Plants</td>
<td>II</td>
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**No more than four units may be chosen from the above list.
## Biology (continued)

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<th>Unit Value</th>
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<th>Co-requisites</th>
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<td>Plant Phys.</td>
<td>II</td>
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<td>6</td>
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<td>Environ. Botany</td>
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*This unit may be taken as a co-requisite in some circumstances.

## Chemistry

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<th>Unit Value</th>
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<th>Prerequisites</th>
<th>Co-requisites</th>
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<td>Chemistry IA</td>
<td>I</td>
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<td>No more than two first level units</td>
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<td>2.131</td>
<td>Chemistry IB</td>
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<td>1</td>
<td>S1 or S2</td>
<td></td>
<td>4 Unit Science (Physics) or 2 Unit Science (Biology) or 2 Unit Science (Geology) at Grades 1, 2 or 3</td>
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<td>may be taken towards the BA degree</td>
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<td>Physical Chemistry</td>
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<td>2/3</td>
<td>SS</td>
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<td>2.121, 10.011 or 10.001 or 10.021</td>
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<td>2.002B*</td>
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<td>2.121 and 2.131</td>
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<td>2.042C*</td>
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<td>2/3</td>
<td>SS</td>
<td>6</td>
<td>2.121 and 2.131</td>
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*May be offered in one session or over full year.

## Computer Science

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<th>Unit Value</th>
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<th>Hpw</th>
<th>Prerequisites</th>
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<td>6.601A</td>
<td>Introduction to Computer Science</td>
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<td>6.601A*</td>
<td>Introduction to Computer Science</td>
<td>II</td>
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<td>F</td>
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<td>6.602C</td>
<td>Computer Applications</td>
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*Offered only in the evening.
## Drama

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<th>Prerequisites</th>
<th>Co-requisites</th>
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<tr>
<td>57.102</td>
<td>World Drama Two</td>
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<td>S2</td>
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<td>57.101</td>
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<td>The Play in Performance</td>
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<td>1</td>
<td>S1</td>
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<td>Theatre Arts in Education</td>
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<td>1</td>
<td>S1</td>
<td>3</td>
<td>57.104*</td>
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<td>57.125</td>
<td>Form and Idea in Drama 1900-1950</td>
<td>U</td>
<td>1</td>
<td>S1</td>
<td>3</td>
<td>57.104*</td>
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<tr>
<td>57.135</td>
<td>Film One</td>
<td>U</td>
<td>1</td>
<td>S1</td>
<td>3</td>
<td>57.104*</td>
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<tr>
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<td>Elizabethan and Jacobean Theatre and Drama</td>
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<td>S1</td>
<td>3</td>
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<td>S1</td>
<td>3</td>
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<td>S1</td>
<td>3</td>
<td>57.104*</td>
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<td>S2</td>
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<td>Form and Idea in Drama from 1950</td>
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<td>S2</td>
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<td>S2</td>
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<td>S1</td>
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<td>2</td>
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**57.114 includes a choice of one Upper Level Unit.**

†57.505 and 57.515 includes a choice of 4 Upper Level Units other than 57.103 (students do not formally enrol in Upper Level courses).

*Or equivalent qualification as determined by the School.
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<tr>
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<th>Name</th>
<th>Level</th>
<th>Unit</th>
<th>When Offered</th>
<th>Prerequisites</th>
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* In order to enrol in an Upper Level unit in Economic History, a candidate must have passed any four Level I Arts units and completed any specific prerequisite unit or units listed.

**In order to enrol in an Advanced Level unit in Economic History, a candidate must have passed four Level I Arts units, including at least one at Credit Level or better, in addition to completing any specific prerequisite unit or units listed.

### Economics

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*Consists of two of 15.043, 15.082, 15.092, 15.123 and 15.203.

**Consists of 15.103 International Economics and one of 15.053, 15.083, 15.163 or 15.213.

† In order to enrol in an Upper Level unit in Economics, a candidate must have passed any four Level I Arts units and completed any specific prerequisite unit or units listed.

‡ In order to enrol in an Advanced Level unit in Economics, a candidate must have passed four Level I Arts units, including at least one at Credit level or better, in addition to completing any specific prerequisite unit or units listed or obtained equivalent qualifications as determined by Department.

§ For the purpose of BA Rule 11(c) these subjects are regarded as distinct from Economics subjects.

$Lower than Grade 3 only with permission of the Head of Department.

### English

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*Or equivalent qualifications as determined by the School.

## Geography

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* Two field tutorials, equivalent to sixteen tutorial hours, are a compulsory part of the subject.
** Involve a compulsory field excursion equivalent to eight hours' tutorials.
† A two-day field tutorial, equivalent to sixteen tutorial hours, is a compulsory part of the subject.
§ See Note 1 Geography section, subject descriptions and textbooks.
### Applied Geology

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* Native German speakers who have passed 64.511 and 64.521 may not enrol in these courses.
** Approval to take this unit should be obtained from the School.
† Or equivalent qualifications.

### History

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*Or equivalent qualifications as determined by the School.

**Note that these Upper Level Courses are components of the Advanced Units.

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## History and Philosophy of Science

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NB: Only 2 Level I units can be taken in the BA degree course.
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### History and Philosophy of Science (continued)

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* Consult school for further information on approved units.

**The subject consists of two Upper Level units plus additional work. Students do not enrol separately in the Upper Level units.

### Industrial Relations

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### Pure Mathematics

#### Pure Mathematics Level II

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*For the purpose of BA Rule 11(c) the subjects Pure Mathematics, Applied Mathematics, Statistics, and Theoretical and Applied Mechanics are regarded as distinct subjects. 4th year Honours studies are available in each of these subjects and intending students should consult with the appropriate Head of Department early in their course.
### Mathematics (continued)

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† An appropriate level of Mathematics passed at H.S.C.  
* 1. Admission to Higher Pure Mathematics II normally requires completion of 10.011 Higher Mathematics I. Students who gain a superior pass in 10.001 Mathematics I may, subject to the approval of the Head of the School of Mathematics, be permitted to proceed to Higher Pure Mathematics II units.  
2. Students aiming at Honours in Pure Mathematics must take 10.121A, B and C and either 10.221A or 10.211A.  
** Students will not normally be permitted to attempt a Level III Pure Mathematics unit unless they have completed at least one Level II unit from 10.111A, 10.111B and 10.211A and are concurrently attempting the remaining units of these three units.  
*** Students wishing to attempt Level III units should consult with the School of Mathematics prior to enrolment. Pre- and co-requisites may be varied in special circumstances with the permission of the Head of the School.  
§ When counted as a Level II unit, unit value is one-third; when counted as a Level III unit, unit value is one-quarter.  
††For any listed unit an appropriate higher unit may be substituted.
### Mathematics (continued)

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*With the permission of the Head of the Department a sufficiently good grading may be substituted.
†Effective from 1978 only. Students enrolling in 10.212L (10.222L) in 1977 should not enrol in 10.211D (10.221D).
††For any listed unit an appropriate higher unit may be substituted.
### Statistics

#### Theory of Statistics Level II

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<th>Unit</th>
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#### Higher Theory of Statistics Level II

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†Plus any two Level III Pure Mathematics, or Applied Mathematics or Theoretical Mechanics units. It is sufficient to take 10.312B (10.322B) in the same year.

**For a student taking four of the units 10.312A, 10.312B, 10.312C, 10.312D, 10.312E (or the corresponding higher units) a project is required as part of either 10.312C (10.322C) or 10.312E (10.322E).

††For any listed unit an appropriate higher unit may be substituted.

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### Theoretical and Applied Mechanics

#### Theoretical Mechanics Level II

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#### Higher Theoretical Mechanics Level II

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#### Higher Theoretical Mechanics Level III

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*With the permission of the Head of the Department a sufficiently good grading may be substituted.

†††It is recommended that one of the following be taken concurrently: 10.411A or 1.012 or 1.913.

†The evening course for 10.411B runs at 2 hours per week throughout the year.

§When counted as a Level II unit, unit value is two-thirds; when counted as a Level III unit, unit value is one-half.

††For any listed unit an appropriate higher unit may be substituted.
## Philosophy

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N.B. Only 4 Level I half-units can be taken in the BA degree course.
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* Or equivalent qualifications as determined by the School.

N.B. 52.162, 52.172 and 52.182 will be timetabled at the same time.

**Upper Level status in Philosophy consists in 1. being in second or later year of university study, and 2. having taken and passed two Level I Philosophy half-units in the same session. This prerequisite may be waived in certain cases by the School.
**Physics**

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*The School of Physics has introduced new and revised Level II units. The School realises that some students presently enrolled will not have completed all of the old Level II units. Some of the new units are sufficiently compatible, to permit substitution of a new unit in a program requiring an old unit. Where this is not possible the old unit, indicated by an asterisk in the table above, will be provided for those students wishing to complete a set of Level II units.*

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**Political Science**

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NB: Only 2 Level I units can be taken in the BA degree course.
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*May not be offered in 1977.
†Not offered in 1977.
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<td>4 Advanced Level units plus 2 Upper Level units, all at Credit</td>
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*One session or full year, depending on components of unit.

**Approximately.

### Psychology

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12.623
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Arts

Psychology (continued)

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*These Advanced Level units are reserved for approved potential Psychology Honours candidates who must have completed 12.001 Psychology I, 12.052, 12.062 and 12.152 at an average level of Credit or better.

1. Approved potential Honours candidates must include 12.153 and 12.163 in their 3rd Year Program. Admission to Psychology IV additionally requires an average of Credit or better grade in the 8 Psychology half-units of the 3rd Year Program.

2. Pass Course students who have completed 12.001 (an Advanced Pass is required), 12.052, 12.062, and 12.152 may enrol in up to 8 of Psychology III half-units.

3. Pass Course students who have completed 12.001 and 12.122 (a Credit grade is required) may enrol in up to 4 of Psychology III half-units chosen from 12.303, 12.373, 12.413, 12.503, 12.553 and 12.623.

4. Not all Psychology III half-units will necessarily be offered in each year.

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Russian

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*Satisfactory performance required as determined by School.

†For further details contact Head of School.
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<td>53.208 and 53.209 or 53.210</td>
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<td>4</td>
<td>53.208 and 53.209 or 53.210</td>
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<td>53.308</td>
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<td>S2</td>
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<td>53.508, 53.508</td>
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<td>S1</td>
<td>4</td>
<td>53.502*</td>
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<td>53.305 or 53.307</td>
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<td>Sociology 3F (Advanced)</td>
<td>A</td>
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<td>S2</td>
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<td>53.507*</td>
<td></td>
<td>53.306 or 53.308</td>
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<td>Sociology Honours</td>
<td>H</td>
<td>2</td>
<td>F</td>
<td>6</td>
<td>53.507* and 53.508*</td>
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*Satisfactory performance required as determined by School.*
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<th>Co-requisites</th>
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<td>65.501</td>
<td>S.L.A.S. IA—Introductory Spanish</td>
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<td>I</td>
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<td>F</td>
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<td>Grade 3 pass or better in H.S.C. 2 unit Spanish, grade 4 pass or better in H.S.C. 3 unit Spanish, or equivalent qualifications</td>
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<td>I</td>
<td>2</td>
<td>F</td>
<td>5½</td>
<td>Grade 2 pass or better in H.S.C. 2 unit A Spanish or equivalent qualifications</td>
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<td>65.511 and 65.501</td>
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<td>S1</td>
<td>4</td>
<td>65.511</td>
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<td>65.232</td>
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<td>65.263</td>
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<td>S2</td>
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Spanish and Latin American Studies (continued)

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<th>Co-requisites</th>
<th>Excluded</th>
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<td>7* Any one of 65.203, 65.223, 65.213, 65.233</td>
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<td>65.205</td>
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<td>S2</td>
<td>7* 65.204 or 65.214</td>
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<td>65.225</td>
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<td>65.214</td>
<td>S.L.A.S. 3C</td>
<td>U</td>
<td>1</td>
<td>S1</td>
<td>7* Any one of 65.203, 65.223, 65.213, 65.233</td>
<td></td>
<td>65.234</td>
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<tr>
<td>65.215</td>
<td>S.L.A.S. 3D</td>
<td>U</td>
<td>1</td>
<td>S2</td>
<td>7* 65.204 or 65.214</td>
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<td>65.235</td>
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<td>65.224</td>
<td>S.L.A.S. 3A (Advanced)</td>
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<td>1</td>
<td>S1</td>
<td>8† Satisfactory performance in 65.222 and 65.223 or 65.232 and 65.233</td>
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<td>65.204</td>
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<tr>
<td>65.225</td>
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<td>S2</td>
<td>8† 65.224 or 65.234</td>
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<td>65.205</td>
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<td>65.234</td>
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<td>S1</td>
<td>8† Satisfactory performance in 65.222 and 65.223 or 65.232 and 65.233</td>
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<td>65.214</td>
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<tr>
<td>65.235</td>
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<td>S2</td>
<td>8† 65.224 or 65.234</td>
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<td>65.215</td>
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<td>65.506</td>
<td>S.L.A.S. Honours</td>
<td>H</td>
<td>2</td>
<td>F</td>
<td>8 Satisfactory performance in 65.224, 65.225, 65.234 and 65.235 for single Special Honours; satisfactory performance in one of the following pairs of units: 65.224 and 65.225, 65.234 and 65.235, 65.225 and 65.235 or 65.234 and 65.225 for combined Special Honours</td>
<td></td>
<td></td>
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</tbody>
</table>

*A student enrolled in both 65.204 and 65.214 or in both 65.205 and 65.215 will have a total of 9½ hours per week.
†A student enrolled in both 65.224 and 65.234 or in both 65.225 and 65.235 will have a total of 11½ hours per week.

Schedule B

Major Sequences in the Bachelor of Arts Degree

General definition of a major sequence

Except as shown below, a major sequence is an approved sequence of at least four Upper Level or

Advanced Level units (or their equivalent in double or fractional units), in one subject, following completion of two units at Level I.

The Upper Level and/or Advanced Level units of a major sequence are normally taken over the third, fourth, fifth and sixth sessions of study.

Exceptions and additions

1. Major sequences other than indicated above may be approved by Faculty in special cases.
2. Drama
56.152 French Political Theatre in the Twentieth Century, may be counted as an Upper Level unit as part of a major sequence in Drama.

3. History
An alternative major sequence in History may be obtained by taking at least two History double units in the degree and two other approved units. Details of approved Level I units may be obtained from the School; Upper Level units may include one or two Upper Level units of Economic History, or 65.242 Spain and Latin America 1400-1818 and/or 65.243 Latin America 1810-1975, plus 64.630 Germany since 1945 (with approval of Head of School).

4. History and Philosophy of Science
A major sequence in History and Philosophy of Science may also be obtained by taking at least four H.P.S. units in the degree and additional approved units to make a total of at least six units. Any two Level I units in Schedule A may be taken.

Approved Upper Level units include: one or two units made up of the following half-units in Philosophy (Predicate Logic; Descartes; British Empiricism; Greek Philosophy; Thales to Plato; Scientific Method; Foundations of Mathematics; Argument; Logical Atomism; Philosophy of Biology; Philosophy; Spinoza and Leibniz; Set Theory; History of Modern Logic; History of Traditional Logic; Model Theory; Utopias); 53.206 Sociology IIIB (with the option Science Technology and Society); 15.695 Quantitative Methods in Historical Analysis; 15.753 Science, Society and Economic Development; with permission of the Head of the School, one or two units of an approved science.

5. Industrial Relations
A major sequence consists of any four Upper Level or Advanced Level Industrial Relations units for which the student is eligible, following completion of 15.511 Industrial Relations IA and 15.011 Economics IB.

6. Philosophy
62.503 Philosophy of Science may be counted as an Upper Level unit in a major sequence in Philosophy.

7. Psychology
A major in Psychology is obtained by the completion of no less than 6 units value of Psychology subjects. A single major in Psychology may be completed in two ways:

A Year 1: 12.001 (an Advanced pass is required) (= 2 units value), + Year 2: 12.052, 12.062 and 12.152 (= 2 units value), + Year 3: four Psychology III half-units (= 2 units value).

B Year 1: 12.001 (= 2 units value), + Year 2: 12.122 (a Credit grade is required) (= 2 units value), + Year 3: four Psychology III half-units chosen from 12.303, 12.373, 12.413, 12.503, 12.553 and 12.623 (= 2 units value).

A double major in Psychology involves four Psychology III half-units additional to the four required for a single major in the third year of Psychology. The double major is available to Pass students proceeding through A above as well as to approval potential Honours IV students (ie students who have achieved an average Credit or better grading at the completion of 12.001, 12.052, 12.062 and 12.152). A double major in Psychology is not available to students proceeding through B above.

8. Mathematics†
In the second year of their course students should complete the Level II units* 10.111A, 10.111B and 10.211A (or the Higher equivalents 10.121A, 10.121B and 10.221A).

In third year the student should take four Level III mathematics units**. Students should consider the merits of combining courses in Pure Mathematics, Applied Mathematics, Theoretical Mechanics and Statistics, in accordance with their future interests. The units 10.1111, 10.1112, 10.1121, 10.1127, 10.112B, are particularly recommended for students intending to teach. Complementary units should be chosen in accordance with Faculty rules.

Students wishing to specialize and major in Pure Mathematics, Applied Mathematics, Theoretical Mechanics or Theory of Statistics, should consult the School of Mathematics regarding minimum course requirements. Senior members of the staff of the School of Mathematics are available for consultation by students who wish to discuss their courses.

9. Quantitative Methods
For the purpose of BA Rule 11C, Quantitative Methods are regarded as distinct subjects from Economics.

10. Sociology
Certain options offered by other Schools can be taken by students enrolling in Upper Level units in Sociology with approval of the Head of School.

These options are available from the schools of:
A History and Philosophy of Science
B Spanish and Latin American Studies
C French
D Economics
E German
F Industrial Relations

*Three Level II Mathematics units are equivalent to two (2) Upper Level Arts units.

**Four Level III Mathematics units are equivalent to two (2) Upper Level Arts units.

†For the purpose of BA Rule 11(e), Applied Mathematics, Pure Mathematics, Statistics and Theoretical and Applied Mechanics are regarded as distinct subjects.
Graduate Study

At the graduate level the degrees of Doctor of Philosophy and Master of Arts are offered in most schools of the Faculty.

The Faculty of Arts offers two kinds of graduate work leading to the award of the degree of Master of Arts: the Honours MA, which is primarily awarded for a written thesis, is intended chiefly for graduates engaged in research; while the Pass MA, in which there is more emphasis upon course-work and formal instruction, is intended for graduates who wish to expand and extend their undergraduate knowledge by further intensive training with less emphasis upon original research work.

The conditions for the award of these degrees are set out later.

Re-enrolling Students
Candidates registered for Higher Degrees (Research) are required to re-enrol at the commencement of each academic year. Unless advised to the contrary candidates should obtain re-enrolment forms and advice on procedure and fees from the Faculty Office after 1 January 1977. Each candidate must complete a re-enrolment form and submit it to the Cashier. (See Enrolment Procedures earlier in this handbook.)

A candidate who has completed all the work for a graduate degree except for the submission of a thesis is required to re-enrol as above unless the thesis is submitted by 18 March 1977 in which case the candidate is not required to re-enrol.

Masters Degree Courses at Pass Level

Note: All formal masters degree students must lodge an authorised enrolment form with the Cashier on the day the enrolling officer signs the form. (See the Enrolment Procedures earlier in this handbook.)

New Students
Students seeking admission to formal masters courses and graduate diploma courses are required to apply on the appropriate form and by the closing date specified for the particular course. Unless advised to the contrary successful applicants are required to attend for enrolment at the appropriate time and place as listed below. The letter offering a place must be taken to the enrolment centre.
Re-enrolling Students

Master of Arts Formal Courses

Students enrolling in Master of Arts courses should attend the Faculty of Arts Office on:

Friday 4 March
2.00 pm to 5.00 pm
6.00 pm to 7.30 pm

Qualifying Programs
(for admission to Higher Degree Candidature)

Students may only enrol in such programs after approval has been obtained from the relevant Higher Degree Committee.

Unless advised to the contrary successful applicants are required to attend for enrolment at the appropriate time and place as listed below. The letter offering a place must be taken to the enrolment centre.

Candidates who are continuing a qualifying program are required to attend for re-enrolment at the appropriate time and place as listed below.

Note: All qualifying students must lodge an authorised enrolment form with the Cashier on the day the enrolling officer signs the form. (See Enrolment Procedures earlier in this handbook.)

All Schools in the Faculties of Arts

Friday 4 March
2.00 pm to 5.00 pm
6.00 pm to 8.00 pm
Faculty Office

Masters Degree Courses at Pass Level

English

In addition to the Master of Arts (Honours), the School of English offers courses leading to the pass degree of Master of Arts (part-time course).

Candidates for the award of the degree must complete two courses (one in each of two years). Each course involves approximately sixty hours of seminars, together with such supplementary study of criticism, research-materials and methods as may be prescribed from time to time. Candidates are expected to undertake wide reading in preparation for each seminar and must, as required, write essays and prepare papers to be presented at the seminars. Assessment is based on these essays and papers as well as on examinations to be taken at the end of each session.

All students are required to attend a seminar, held every second week, on literary history or on problems of literary criticism common to all periods.

Not all courses are available in any one year; and on the evidence of studies previously undertaken by the candidate as part of an undergraduate program or otherwise, the Head of the School may direct a candidate to take or not to take a particular course as part of his MA program.

The courses from which students are required to select subjects for study are:

50.501G Linguistic History and Theory.
50.502G Australian Literature—Nineteenth Century.
50.503G Mediaeval English Literature.
50.504G Major Australian Writers of the Twentieth Century.
50.505G English Fiction of the Later Nineteenth and Earlier Twentieth Centuries.
50.506G English Literature of the Seventeenth Century.
50.507G Shakespeare.
50.508G The Classical Background of English Literature.

German

In addition to the Master of Arts (Honours), the School of German also offers a course leading to the pass degree of Master of Arts (part-time course).

The course consists of two units, 64.501G and 64.502G, which may be taken either concurrently (in one year) or consecutively (in two successive years). In each unit candidates are required to attend two 21-hour seminar courses on literature or linguistics and a staff-student seminar on critical method, and to undertake such practical language work as the School considers necessary. In addition, a short thesis 64.500G of approximately 20,000 words on a literary or linguistic topic must be submitted.

History

In addition to the Master of Arts (Honours), the School of History offers courses leading to the award of the pass degree of Master of Arts.

Candidates for the award of the degree must complete, over a minimum of two years, four seminar courses from the options offered, each of which consists of twenty eight hours of seminars, and in addition one compulsory session length seminar (51.501G), also consisting of twenty eight hours of seminars. Candidates also must submit a thesis of 15,000 to 20,000 words on a topic suitable to the School.
Graduate Study

51.501G is available each year. In 1977 and 1978 the following courses are taught:

51.500G Thesis
51.501G Perceptions of the Past (1977, Session 2 and 1978)
51.502G US Foreign Relations since 1900 (1977, Session 1)
51.503G Politics and Society in Indonesia, 1900-65 (1977, Session 1)
51.505G Historical Origins of the Modern Middle East (1978)
51.506G Conflict and Consensus in Modern Australia from 1890 (1978)
51.507G Millenarian Movements (1978)
51.508G Industrialization and Culture (1978)

Mathematics

The School of Mathematics offers courses leading to the award of the pass degree of Master of Arts.

Candidates must complete over a period of at least four sessions eight courses chosen from those listed below, or from the MStats courses, or from the pass MA degree courses offered by the School of Philosophy over a period of at least four sessions. The courses 10.181G, 10.182G, 10.183G and 10.184G must be included in the eight. The choice of courses must be approved by the Head of School, and candidates must submit an essay (10.481G) on an approved topic.

In addition, the Head of the School of Mathematics may prescribe as co-requisites other courses in the School of Mathematics which he deems appropriate in each individual case.

The degree is intended for practising teachers. The prerequisites include the DipEd or equivalent qualification.

The School of Mathematics expects to offer not fewer than two of the following courses in each session.

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<th>Hours per session</th>
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<tr>
<td>10.181G Advanced Analysis 28</td>
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<tr>
<td>10.182G Characters and Crystals 28</td>
</tr>
<tr>
<td>10.183G Geometry 28</td>
</tr>
<tr>
<td>10.184G Number Theory 28</td>
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<td>10.185G Theory of Distributions 28</td>
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<td>10.186G Hilbert Space 28</td>
</tr>
<tr>
<td>10.187G History of Mathematics 28</td>
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<td>10.188G Topology 28</td>
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10.189G Seminar in Mathematics Education 28
10.281G Mathematical Methods 28
10.282G Mathematics of Optimization 28
10.283G Quantum Mechanics 28
10.284G Relativity and Cosmology 28
10.372G Statistics and Experimental Design 42
10.073G Advanced Mathematical Analysis of Data 28
10.401G Seiches and Tides 28
10.481G Essay

Philosophy

In addition to the Master of Arts (Honours), the School of Philosophy also offers courses leading to the award of the pass degree of Master of Arts.

A course is offered in Formal Logic, with some applications to Linguistics and to Computing, for suitably qualified graduates in Arts with a major in Philosophy or majors in related fields, and adequate undergraduate philosophical training.

Candidates complete a course of lectures and seminars over four sessions part-time, taking two separate courses in each session. Besides being examined on course work, each candidate is required to submit a short thesis embodying the results of his own research.

The following courses are offered, and will normally be taken in the order given. Subject to the approval of the Faculty, a candidate who has covered similar subjects in his undergraduate program may be given one or more alternative courses. Under certain circumstances permission may also be given to substitute courses offered by the School of Mathematics.

Year 1, Session 1  52.501G Set Theory 52.502G Formal Linguistics
Year 1, Session 2  52.503G Model Theory 52.504G Automata and Computation
Year 2, Session 1  52.505G Metamathematics 52.506G Modal Logic
Year 2, Session 2  52.507G Non-standard Logics 52.508G Topics in Logic
Conditions for the Award of Higher Degrees

First Degrees

Rules, regulations and conditions for the award of first degrees are set out in the appropriate Faculty Handbooks.

For the list of undergraduate courses and degrees offered see Disciplines of the University: Faculty Table (Undergraduate Study) in the Calendar.

Higher Degrees

The following is the list of higher degrees and graduate diplomas of the University, together with the publication* in which the conditions for the award appear.

For the list of graduate degrees by research and course work, arranged in faculty order, see Disciplines of the University: Faculty Table (Graduate Study) in the Calendar.

For the statements Preparation and Submission of Project Reports and Theses for Higher Degrees and Policy with respect to the use of Higher Degree Theses see the Calendar.

<table>
<thead>
<tr>
<th>Title</th>
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<td>Calendar</td>
</tr>
<tr>
<td>Doctor of Letters</td>
<td>DLitt</td>
<td>Calendar</td>
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<tr>
<td>Doctor of Laws</td>
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<td>Calendar</td>
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<td>Doctor of Medicine in the Faculty of Medicine</td>
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*Not including General Studies Handbook.
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Doctor of Philosophy (PhD)

Qualifications

2. A candidate for registration for the degree of Doctor of Philosophy shall:

A hold an honours degree from the University of New South Wales; or

B hold an honours degree of equivalent standing from another approved university; or

C if he holds a degree without honours from the University of New South Wales or other approved university, have achieved by subsequent work and study a standard recognised by the appropriate Faculty or Board of Studies as equivalent to honours; or

D in exceptional cases, submit such other evidence of general and professional qualifications as may be approved by the Professorial Board on the recommendation of the Faculty or Board of Studies.

3. When the Faculty or Board of Studies is not satisfied with the qualifications submitted by a candidate, the Faculty or Board of Studies may require him, before he is permitted to register, to undergo such examination or carry out such work as the Faculty or Board of Studies may prescribe.

Registration

4. A candidate for registration for a course of study leading to the degree of Doctor of Philosophy shall:

A apply to the Registrar on the prescribed form at least one calendar month before the commencement of the session in which he desires to register; and

B submit with his application a certificate from the head of the University school in which he proposes to study stating that the candidate is a fit person to undertake a course of study and research leading to the degree of Doctor of Philosophy and that the school is willing to undertake the responsibility of supervising the work of the candidate and of reporting to the Faculty or Board of Studies at the end of the course on the merits of the candidate’s performance in the prescribed course.

5. Subsequent to registration the candidate shall pursue a program of advanced study and research for at least six academic sessions, save that:
Conditions for the Award of Higher Degrees

A a candidate fully engaged in advanced study and research for his degree, who before registration was engaged upon research to the satisfaction of the Faculty or Board of Studies, may be exempted from not more than two academic sessions;

B in special circumstances the Faculty or Board of Studies may grant permission for the candidate to spend not more than one calendar year of his program in advanced study and research at another institution provided that his work can be supervised in a manner satisfactory to the Faculty or Board of Studies;

C in exceptional cases, the Professorial Board on the recommendation of the Faculty or Board of Studies may grant permission for a candidate to be exempted from not more than two academic sessions.

6. A candidate who is fully engaged in research for the degree shall present himself for examination not later than ten academic sessions from the date of his registration. A candidate not fully engaged in research shall present himself for examination not later than twelve academic sessions from the date of his registration. In special cases an extension of these times may be granted by the Faculty or Board of Studies.

7. The candidate shall be required to devote his whole time to advanced study and research, save that:

A the Faculty or Board of Studies may permit a candidate on application to undertake a limited amount of University teaching or outside work which in its judgement will not interfere with the continuous pursuit of the proposed course of advanced study and research;

B a member of the full-time staff of the University may be accepted as a part-time candidate for the degree, in which case the Faculty or Board of Studies shall prescribe a minimum period for the duration of the program;

C in special circumstances, the Faculty or Board of Studies may, with the concurrence of the Professorial Board, accept as a part-time candidate for the degree a person who is not a member of the full-time staff of the University and is engaged in an occupation which, in its opinion, leaves the candidate substantially free to pursue his program in a school of the University. In such a case the Faculty or Board of Studies shall prescribe for the duration of his program a minimum period which, in its opinion, having regard to the proportion of his time which he is able to devote to the program in the appropriate University school is equivalent to the six sessions ordinarily required.

8. Every candidate shall pursue his program under the direction of a supervisor appointed by the Faculty or Board of Studies from the full-time members of the University staff. The work, other than field work, shall be carried out in a School of the University save that in special cases the Faculty or Board of Studies may permit candidates to conduct their work at other places where special facilities not possessed by the University may be available. Such permission will be granted only if the direction of the work remains wholly under the control of the supervisor.

9. Not later than two academic sessions after registration the candidate shall submit the topic of his research for approval by the Faculty or Board of Studies. After the topic has been approved it may not be changed except with the permission of the Faculty or Board of Studies.

10. A candidate may be required by the Faculty or Board of Studies to attend a formal course of study appropriate to his work.

11. On completing his course of study every candidate must submit a thesis which complies with the following requirements:

A the greater proportion of the work described must have been completed subsequent to registration for the PhD degree;

B it must be an original and significant contribution to the knowledge of the subject;
C it must be written in English except that a candidate in the Faculty of Arts may be required by the Faculty on the recommendation of the supervisor to write the thesis in an appropriate foreign language;

D it must reach a satisfactory standard of expression and presentation.

12. The thesis must present the candidate's own account of his research. In special cases work done conjointly with other persons may be accepted, provided the Faculty or Board of Studies is satisfied on the candidate's part in the joint research.

13. Every candidate shall be required to submit with his thesis a short abstract of the thesis comprising not more than 600 words.

The abstract shall indicate:
A the problem investigated;
B the procedures followed;
C the general results obtained;
D the major conclusions reached;
but shall not contain any illustrative matter, such as tables, graphs or charts.

14. A candidate may not submit as the main content of his thesis any work or material which he has previously submitted for a university degree or other similar award.

15. The candidate shall give in writing two months' notice of his intention to submit his thesis and such notice shall be accompanied by the appropriate fee.

16. Four copies of the thesis shall be submitted together with a certificate from the supervisor that the candidate has completed the course of study prescribed in his case. The four copies of the thesis shall be presented in a form which complies with the requirements of the University for the preparation and submission of higher degree theses.† The candidate may also submit any work he has published whether or not such work is related to the thesis.

17. It shall be understood that the University retains the four copies of the thesis submitted for examination, and is free to allow the thesis to be consulted or borrowed. Subject to the provisions of the Copyright Act, 1968 the University may issue the thesis in whole or in part, in photostat or microfilm or other copying medium.

18. There shall normally be three examiners of the thesis, appointed by the Professorial Board on the recommendation of the Faculty or Board of Studies, at least one of whom shall be an external examiner.

19. After examining the thesis the examiners may:
A decide that the thesis reaches a satisfactory standard; or
B recommend that the candidate be required to re-submit his thesis in revised form after a further period of study and/or research; or
C recommend without further test that the candidate be not awarded the degree of Doctor of Philosophy.

20. If the thesis reaches the required standard, the examiners shall arrange for the candidate to be examined orally, and, at their discretion, by written papers and/or practical examinations on the subject of the thesis and/or subjects relevant thereto, save that on the recommendation of the examiners the Faculty or Board of Studies may dispense with the oral examination.

21. If the thesis is of satisfactory standard but the candidate fails to satisfy the examiners at the oral or other examinations, the examiners may recommend the University to permit
the candidate to represent the same thesis and submit to a further oral, practical or written examination within a period specified by them but not exceeding eighteen months.

22. At the conclusion of the examination, the examiners will submit to the Faculty or Board of Studies a concise report on the merits of the thesis and on the examination results, and the Faculty or Board of Studies shall recommend whether or not the candidate may be admitted to the degree.

23. A candidate shall be required to pay such fees as may be determined from time to time by the council.

1. An application to register as a candidate for the degree of Master of Arts shall be made on the prescribed form which shall be lodged with the Registrar at least one full calendar month before the commencement of the session in which the candidate desires to register.

2. A candidate for the degree shall be registered in one of the following Schools of the Faculty of Arts: Drama, Economics, English, French, Geography, German, History, History and Philosophy of Science, Mathematics†, Philosophy, Political Science, Psychology, Russian, Sociology, Spanish.

3. The degree shall be awarded in two grades, namely the Pass degree and the degree with Honours. There shall be two classes of Honours, namely Class I and Class II.

4. A candidate for the Honours degree may not be awarded the Pass degree.

5. A Except as provided in sub-section 5. B an applicant for registration for the Honours degree of Master of Arts shall have been admitted to the degree of Bachelor of Arts at a standard not below second class honours in the University of New South Wales, or other approved University, in an appropriate School or Department.

B Applicants for registration for the Honours degree who are graduates in Arts of this, or other approved university, with a degree at a standard below second class honours shall be required to take a qualifying examination as approved by the Faculty of Arts (hereinafter referred to as 'the Faculty'), and if successful may then apply for registration as a candidate for the Honours degree.

C Notwithstanding any other provisions of these conditions the Faculty may, on the recommendation of the Head of the School, require an applicant to demonstrate fitness for registration as a candidate for the Honours degree by carrying out such work and passing such examinations as the Faculty may determine. The Faculty may on the recommendation of the Head of the School concerned require a candidate for the Honours degree to undergo a suitable test in a relevant language, the form of such test to be recommended by the Head of the School concerned.

D Every candidate for the Honours degree shall be required to submit three copies of a thesis embodying the results of an original investigation, to take such examinations and to perform such other work as may be prescribed by the Faculty on the recommendation of the Head of the School concerned. A candidate for the Honours degree may not submit as the main content of his thesis any work or material which he has previously submitted for a university degree or other similar award. The Honours thesis shall be presented in a form which complies with the requirements of the University for the preparation and submission of higher degree theses.*

†The School of Mathematics includes a Department of Statistics.

*See Conditions for the Award of Degrees in the Calendar.
E It shall be understood that the University retains three copies of the Honours thesis submitted for examination and may allow the thesis to be consulted or borrowed. Subject to the provisions of the Copyright Act, 1968 the University may issue the Honours thesis in whole or in part in photostat or microfilm or other copying medium.

F The investigation and other work as provided in paragraph 5.D shall be carried out under the direction of a supervisor appointed by the Faculty or under such conditions as the Faculty may determine.

G For each candidate for the Honours degree there shall be at least two examiners appointed by the Professorial Board on the recommendation of the Faculty, one of whom shall, if possible, be an external examiner.

H Every candidate for the Honours degree shall in the first instance submit his proposed course of study and the subject of his thesis for the approval of the Head of the School concerned.

I No candidate shall be considered for the award of the Honours degree until the lapse of three complete sessions from the date from which registration becomes effective, save that in the case of a candidate who has demonstrated exceptional merit this period may, with the approval of the Faculty, be reduced by one session.

Pass Degree**

6. A Unless the Faculty shall otherwise determine, an applicant for registration as a candidate for the Pass degree of Master of Arts shall have been admitted to the degree of Bachelor of Arts in the University of New South Wales or other approved university and shall have taken a major sequence, and passed all necessary examinations, in the subject or subjects, or in a discipline related to the subject or subjects, in which he wishes to work for the Pass degree.

B Notwithstanding the provisions of clause 6.A the Faculty may, on the recommendation of the Head of the School, require an applicant to demonstrate his eligibility for registration by carrying out such work and passing such examinations as the Faculty may determine.

C A candidate for the Pass degree shall attend such classes and seminars as may be prescribed, shall pass the required examinations, and shall complete satisfactorily such written and other work as the Head of School may determine.

D No part-time candidate shall be considered for the award of the Pass degree until the lapse of four complete sessions from the date from which registration becomes effective. No full-time candidate shall be considered for the award of the degree until the lapse of two sessions from the date from which registration becomes effective.

7. A A graduate in a Faculty other than Arts of this or other approved university may be admitted to registration for the Honours or Pass degree of Master of Arts, with the approval of the Faculty.

B In special circumstances a person may be permitted to register as a candidate for the Honours or Pass degree of Master of Arts if he submits evidence of such academic and professional attainments as may be approved by the Faculty on the recommendation of its Higher Degree Committee.

8. In every case, before permitting an applicant to register as a candidate the Faculty shall be satisfied that adequate supervision and facilities are available.

9. No candidate shall, without the approval of the Head of the School concerned, be enrolled as a candidate for the degree of Master of Arts at the same time as he is enrolled for any other degree or diploma in this University or elsewhere.

10. An approved applicant shall pay such fees as may be determined from time to time by the Council.

**At present only the Schools of English, German, Mathematics and Philosophy offer courses leading to the Pass degree.
Subject Descriptions and Textbooks

Identification of Subjects by Numbers

Each of the subjects taught in the University is identifiable both by number and by name. This is a fail-safe measure at the points of enrolment and examination against a student nominating a subject other than the one intended. Subject numbers are allocated by the Assistant Registrar, Examinations and Student Records, and the system of allocation is:

1. The School offering a subject is indicated by the number before the decimal point;
2. If a subject is offered by a Department within a School, the first number after the decimal point identifies that Department;
3. The position of a subject in a sequence is indicated by the third number after the decimal point. For example, 2 would indicate that the subject is the second in a sequence of subjects:
4. Graduate subjects are indicated by the suffix G.

As indicated above, a subject number is required to identify each subject in which a student is to be enrolled and for which a result is to be returned. Where students may take electives within a subject, they should desirably be enrolled initially in the particular elective, and the subject numbers allotted should clearly indicate the elective. Where it is not possible for a student to decide on an elective when enrolling or re-enrolling, and separate examinations are to be held in the electives, Schools should provide to the Examinations and Student Record Section in April (Session 1) and August (Session 2) the names of students taking each elective. Details of the actual dates in April and August are set out in the Calendar of Dates earlier in this volume.

Those subjects taught in each Faculty are listed in full in the handbook of that Faculty, together with the subject description and the required textbook list, in the section entitled Subject Descriptions and Textbooks.

The identifying numbers for each School are set out below.

Information Key
The following is the key to information supplied about some subjects listed below: S1 (Session 1); S2 (Session 2); F (Full year).

continued next page
<table>
<thead>
<tr>
<th>School, Department etc</th>
<th>Faculty</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 School of Physics*</td>
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<td>150</td>
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<td>87</td>
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</tr>
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<td>109</td>
</tr>
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<td>119</td>
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<td>46 School of Philosophy</td>
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<td>143</td>
</tr>
<tr>
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<td>Arts</td>
<td>161</td>
</tr>
<tr>
<td>48 School of Political Science</td>
<td>Arts</td>
<td>151</td>
</tr>
<tr>
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<td>Professional Studies</td>
<td></td>
</tr>
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<td>50 School of French</td>
<td>Arts</td>
<td>104</td>
</tr>
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<td>Arts</td>
<td>88</td>
</tr>
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<td>Professional Studies</td>
<td></td>
</tr>
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<td>Arts</td>
<td>160</td>
</tr>
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<td>54 School of History and Philosophy of Science</td>
<td>Arts</td>
<td>123</td>
</tr>
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<td>Professional Studies</td>
<td></td>
</tr>
<tr>
<td>56 School of German</td>
<td>Arts</td>
<td>115</td>
</tr>
<tr>
<td>57 School of Spanish and Latin American Studies</td>
<td>Arts</td>
<td>170</td>
</tr>
<tr>
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<td>Commerce</td>
<td></td>
</tr>
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**17.012 General Ecology**
Prerequisite: 17.011 and 17.021.

Evolution and environmental selection in the Australian continent: geological, palaeoclimatological, biogeographical and historical background. Functional organization of ecosystems: energy budgets, hydrological and biogeochemical cycles. Integrated structure and function of ecosystems, including cropping and management of natural resources. Aspects of microbial ecology. Students are required to attend a field camp as an integral part of the course.

Textbooks
Odum E. P. *Fundamentals of Ecology* Saunders
Watt K. E. F. *Principles of Environmental Science* McGraw-Hill

**43.101 Genetics**
Prerequisites: 17.001 or 17.011 and 17.021

Various aspects of molecular, organismal and population genetics, including: meiotic and non-meiotic recombination, genome variations, genotypes and mutation rates, cytoplasmic inheritance, gene function, genetic code, gene structure, collinearity of polynucleotide and polypeptide, control of gene action, genes and development, population genetics, genetics and improvement of plants and animals.

Textbook
Patt D. I. & Patt G. R. *An Introduction to Modern Genetics* Addison-Wesley

**43.111 Flowering Plants**
Prerequisites: 17.001 or 17.011 and 17.021.

Vegetative and floral morphology of Angiosperms; special reference to variations in morphology, elements of biological classification, nomenclature and identification of native plants. Weekend field work is part of the course.

Textbooks
Bell C. R. *Plant Variation and Classification* Wadsworth Pub Co
Esau K. *The Anatomy of Seed Plants* Wiley

**43.121 Plant Physiology**
Prerequisites: 17.001 or 17.011 and 17.021; 2.001 or 1.001*.

The physiology of the whole plant: photosynthesis, the role of chlorophyll in plant morphogenesis and flowering, inorganic nutrition transport, translocation, physiology of growth and development, seed physiology and plant growth substances and their application in agriculture.

Textbooks
Galston A. W. & Davies P. J. *Control Mechanisms in Plant Development* Prentice-Hall

*This unit may be taken as a co-requisite in some circumstances.*
**Undergraduate Study**

### 2.111 Introductory Chemistry

Classification of matter and the language of chemistry. The gas laws and the Ideal Gas Equation, gas mixtures and partial pressure. The structure of atoms, cations and anions, chemical bonding, properties of ionic and covalent compounds. The Periodic classification of elements, oxides, hydrides, halides of selected elements. Acids, bases, salts, neutralization. Stoichiometry, the mole concept. Electron transfer reactions. Qualitative treatment of reversibility and chemical equilibrium, the pH scale. Introduction to the diversity of carbon compounds.

**Textbooks**

Aylward G. A. & Findlay T. J. V. *Chemical Data* Wiley

Laboratory Manual, Chemistry 2.111, 2.121 and 2.131 UNSW

Mahan B. H. *University Chemistry* 3rd ed, Addison-Wesley

### 2.121 Chemistry IA


**Textbooks**

As for 2.111.

### 2.131 Chemistry IB

The rate of a chemical change and chemical kinetics, catalysis, order and molecularity, activation energy, the Arrhenius Equation, reaction mechanism. Electronic structure of atoms in terms of the quantum mechanical model. Structure of the Periodic Table and its relationship to electronic configuration. Chemical bonding, hybridization, molecular shape, multiple bonding, bond polarity, intermolecular forces. Properties of compounds of selected elements, acid-base character of oxides and hydroxy compounds, relative stability of oxidation states. Chemistry of carbon compounds, stereoisomerism reactions of aliphatic and aromatic hydrocarbons, alcohols, phenols, ethers, akyl halides, aldehydes, ketones, carboxylic acids and their derivatives, esters, acyl halides, anhydrides, amides, amines.

*This unit may be taken as a co-requisite in some circumstances.
Chemistry of the more important functional groups: aliphatic hydrocarbons, monocyclic aromatic hydrocarbons, halides, alcohols, phenols, aldehydes, ketones, ethers, carboxylic acids and their derivatives, nitro compounds, amines and sulphonic acids.

Chemistry of the non-metals including B, C, Si, N, P, S, Se, Te, halogens, and noble gases. Chemistry of the metals of groups IA, IIA, and Al. Typical ionic, giant-molecule and close-packed structures. Transition metal chemistry, including variable oxidation states, paramagnetism, Werner's theory, isomerism of six- and four-coordinate complexes, chelation, stabilization of valency states. Physical methods of molecular structure determination. Chemistry of Fe, Co, Ni, Cu, Ag, Au.

Textbooks
Cotton F. A. & Wilkinson G. Basic Inorganic Chemistry Wiley

Inorganic Chemistry
Prerequisites: 2.121 and 2.131.

Textbooks

Only if proceeding to further study of Organic Chemistry:
Vogel A. I. Elementary Practical Organic Chemistry Pt II Qualitative Organic Analysis Longman

Chemistry II
Three units chosen from 2.002A, 2.002B, 2.002D, 2.042C.

2.002A
Physical Chemistry
Prerequisites: 2.121 and 10.001 or 10.011 or 10.021.

Thermodynamics: first, second and third laws of thermodynamics; statistical mechanical treatment of thermodynamic properties; applications of thermodynamics: chemical equilibria, phase equilibria, solutions of non-electrolytes and electrolytes, electrochemical cells.

Kinetics: order and molecularity; effect of temperature on reaction rates; elementary reaction rate theory.

Surface chemistry and colloids: adsorption, properties of dispersions, macromolecules and association colloids.

Textbooks
Barrow G. M. Physical Chemistry 3rd ed McGraw-Hill
Shaw D. J. Introduction to Colloid and Surface Chemistry 2nd ed Butterworths

Note: Lists of Principal Reference Books will be given to students at lectures.

2.002D
Analytical Chemistry
Prerequisites: 2.121, 2.131 and 10.001, 10.011 or 10.021.


Textbooks
Ewing G. W. Instrumental Methods of Chemical Analysis 4th ed McGraw-Hill
Peters D. G., Hayes J. M. & Hiefte G. M. Chemical Separations and Measurements Saunders

2.002B
Organic Chemistry
Prerequisite: 2.131.

Chemistry of the more important functional groups: aliphatic hydrocarbons, monocyclic aromatic hydrocarbons, halides, alcohols, phenols, aldehydes, ketones, ethers, carboxylic acids and their derivatives, nitro compounds, amines and sulphonic acids.

Textbooks

Computer Science

Undergraduate Study
These subjects are provided by the Department of Computer Science within the School of Electrical Engineering.

6.601A
Introduction to Computer Science

Programming: algorithm and data structure design; programming in a high level algorithmic language which provides simple, high level program-control and data-structuring facilities. Data structures. Program verification. Computer organization: simple machine architecture, logical design; data storage devices; simple operating system concepts.

Textbook

Gear C. W. Introduction to Computer Science SRA

6.602C
Computer Applications

Drama

Undergraduate Study

Drama courses offered within the Faculty of Arts are not primarily intended to equip a student for the profession of theatre. The National Institute of Dramatic Art, established in the University, is concerned with vocational training; and the Old Tote Theatre Company with the practice of the theatre arts. The School of Drama is concerned with the history and evaluation of those arts. Practical work is undertaken in the School, not in order that students may achieve proficiency as actors or directors, but in order that they may acquire a fuller understanding of the theatre.

Level I units

57.101 World Drama One S1

Together with 57.102, a survey of world drama. The development of the theatre from the Greeks through the nineteenth century; drama as a theatrical form and the art of the stage as an expression of society. Additional lectures are included on stage and theatre design, and on music in the theatre. Tutorials concentrate on the theatrical aspects of the plays studied.

Textbooks

Aristophanes Lysistrata and Other Plays Penguin
cawley A. G. Everyman and Other Medieval Miracle Plays Dent Everyman
Chekhov A. Plays Penguin
Ibsen H. Ghosts and Other Plays Penguin
Marlowe C. Plays Penguin
Moliere J. B. P. The Miser and Other Plays Penguin
Shakespeare W. Hamlet Signet
Sophocles Theban Plays Penguin
Strindberg A. Six Plays Doubleday Anchor

57.102 World Drama Two S2

Prerequisite: 57.101.

Theatrical developments in the twentieth century. Contemporary trends in drama and theatre; lectures include segments on Japanese theatre and television. Tutorials concentrate on the theatrical aspects of the plays studied.

Textbooks

Albee E. Who’s Afraid of Virginia Woolf? Penguin
Boll R. A Man For All Seasons Heineman
Bond E. Norrow Road to the Deep North Eyre Methuen
Brecht B. Parallels for the Theatre Penguin
Durrenmatt F. The Physicists Samuel French
Esslin M. ed Absurd Drama Penguin
Ionesco E. Plays Penguin
O’Neill E. Desire Under the Elms Jonathan Cape
Romeril J. The Floating World Currency Methuen
Stoppard T. Rosencrantz and Guildenstern Are Dead Faber
Williams T. Sweet Bird of Youth and Other Plays Penguin

Upper Level units

57.103 The Play in Performance S1

Prerequisite: 57.102.
The verbal, visual and physical language of the theatre and the interpretation of the play text by the actor, director and designer: an intensive study of select plays representative of open stage forms, the realist stage, and modern experiment.

Textbooks

Brecht B. Mother Courage and Her Children Methuen
Ibsen H. Hedda Gabler and Other Plays Penguin
Shakespeare W. King Lear ed
Southern R. The Seven Ages of the Theatre Faber

Further plays are specified in the light of current theatre programming.

57.146 Theatre Arts in Education S1

Prerequisite: 57.104.

A study of the theatre arts in education, fundamentals of movement, oral interpretation of text and stage design. Study of developments in Children’s Theatre, the Reader’s Theatre and Theatre-in-Education movements.

Textbooks

Berry C. Voice and the Actor Harrap
Boorman J. Dance and Language Experiences with Children Longman
Bowskill D. Acting and Stage Craft Made Simple Allen
Coger L. I. & White M. R. Readers Theatre Handbook Scott Foresman
King, N. Theatre Movement: The Actor and His Space Drama Book Specialist

57.125 Form and Idea in Drama, 1900-1950 S1 or S2

Prerequisite: 57.104 in S1; 57.103 in S2.

Evolution of content and form of plays selected from the first half of the century. Ideas of reality and the philosophy of existentialism as they appear in drama and as the basic concepts of ‘a poetry of the theatre’. Shaw, Ibsen, Strindberg, Pirandello, Camus, Sartre, Lorca. O’Casey, Synge, Yeats. Eliot, Frisch and Lowell.

57.135 Film One S1 or S2

Prerequisite: 57.104 in S1; 57.103 in S2.

Films by selected directors are studied with special reference to the history of film and the development of style and film language in the cinema from 1896 to the present.

Textbooks

Armes R. Film & Reality Pelican
Knight A. The Liveliest Art Mentor
Kracauer S. Theory of Film OUP
Subject Descriptions and Textbooks

57.501
Elizabethan and Jacobean Theatre and Drama
Prerequisite: 57.104.
Performance conditions and dramatic forms in the English theatre during the later sixteenth and early seventeenth centuries.

Textbooks
Selected plays, chiefly by Shakespeare, Marlowe, Webster and Jonson are specified.

57.506
Drama and Theatre in Germany
Prerequisite: 57.104.
Drama and theatre in Germany, with special emphasis on the eighteenth century.

Textbooks
Bentley E. ed The Classic Theatre Vol 2 Doubleday
Esslin M. ed The Genius of the German Theatre Mentor
Kaufmann W. ed Goethe's Faust Doubleday Anchor

57.145
Australian Drama
Prerequisite: 57.104.
Representative Australian drama from the late nineteenth century to the present, with special emphasis on the theatrical context. Contemporary theatrical forms and their accessibility to Australian dramatists.

Textbooks
Burn D. The Bushrangers Heinemann Australian Theatre Workshop
Buza A. et al Plays Penguin
Darrell G. The Sunny South Currency Press
Diamond D. Reedy River Heinemann Australian Theatre Workshop
Esslin L. The Time is Not Yet Ripe Currency Press
Hanger E. ed Khaki, Bush and Bigotry Queensland UP
Hibbert J. A Stretch of the Imagination Currency Press
Lawler R. Summer of the Seventeenth Doll Fontana Books
Prichard K. S. Brumby Innes Currency Press
Roland B. The Touch of Silk Currency Press
Kippax H. G. Intro Three Australian Plays Penguin
White P. Four Plays Sun Books
Williamson D. Don's Party Currency Press
Williamson D. Three Plays Currency Press

57.136
Film Two*
Prerequisite: 57.135.
A number of feature films are examined in depth. Stress is on the study of filmed plays and the problem of adaptation of either plays or novels. Practical exercises.

Textbooks
Bazin A. Jean Renoir Dell
Hurt J. ed Focus on Film and Theatre Prentice-Hall
Pincus E. Guide to Filmmaking Signet
La Valley A. J. ed Focus on Hitchcock Prentice-Hall

57.126
Form and Idea in Drama from 1950
Prerequisite: 57.125.
Representative works of recent years and their theoretical background. The theatrical ideas of such theorists as Apple, Craig, the German Expressionists, Meyerhold, Barrault, Artaud, and Peter Brook. The plays to be considered are chosen according to the individual interests of the students.

57.502
The Uses of Drama
Prerequisite: 57.103.
Drama as a communicative and creative process and its implications for teaching; introduction to psycho- and socio-drama concepts. Tutorial work in improvisations, games and role-taking.

Textbooks
Courtney R. Play, Drama & Thought Cassell
Hodgson J. Uses of Drama Methuen
Jennings S. Remedial Drama Pitman
Wagner J. B. Dorothy Heathcote; Drama as Medium The National Education Association
Way B. Development Through Drama Longman

57.503
Drama in Teaching
Prerequisite: 57.146.
A practically-oriented course on improvisational drama in education, with small teams of students undertaking supervised workshop sessions in schools. Seminars and demonstration classes are conducted.

Textbooks
Jennings S. Remedial Drama Pitman
Hodgson J. Uses of Drama Methuen
Way B Development Through Drama Longman

57.156
Classical French Theatre
Prerequisite: 57.103.
The dramatic theory, practice and stage conventions of tragedy and comedy in seventeenth century France, with special reference to the plays of Corneille, Racine and Moliere.

*Upper Level units 57.126 and 57.136 are not available to students taking four Upper Level units only.
Textbooks

Selected from:
Corneille P.: Le Cid, Horace, Cinna, Polyeucte.
Editions:
Cairncross J. tr Corneille: Le Cid Cinna The Theatrical Illusion Penguin Classics
Editions:
Cairncross J. tr Corneille: Le Cid Cinna The Theatrical Illusion Penguin Classics
Cairncross J. tr Andromaque and Other Plays Penguin Classics
Editions:
Frame D. M. tr The Misanthrope and Other Plays Signet Classic
Wood J. tr Moliere: Five Plays Penguin Classics
Wood J. tr Moliere: The Misanthrope and Other Plays Penguin Classics

57.504

Dramatic Construction S2
Prerequisite: 57.103.
A study of the elements of playwriting.

Textbooks

Beckerman B. Dynamics of Drama Columbia UP
Clark B. ed European Theories of the Drama Crown
Cole T. ed Playwrights on Playwriting Hill & Wang
Grebanier B. Playwriting Crowell
Lawson J. H. Theory and Technique of Playwriting Hill & Wang
Miller J. W. Modern Playwrights at Work Samuel French
Smiley S. Playwriting: The Structure of Action Prentice-Hall
Wager W. ed The Playwright Speaks Longman

57.507

Contemporary Theatre S2
Prerequisite: 57.103.
An investigation of contemporary theatre utilizing dramatic scripts and documents of the last ten years. Students are expected to make extensive use of such theatre journals as The Drama Review, Plays and Players, Theatre Quarterly and Gambit. Also students work with unpublished material by Australian and overseas authors.

Texts in 1977 are drawn from the works of the following authors: Alan Ayckbourn, Howard Barker, Howard Brenton, Christopher Hampton, David Hare, Simon Gray, Peter Nichols, Charles Marowitz, Sam Shepard, Michael Weller, Snoo Wilson, Stephen Poliakoff all of which are available in Methuen, Calder, Faber and Penguin paperbacks.

Plus the following collections:
Off Broadway Plays Penguin
New Short Plays Methuen Playscripts
New English Plays Vol 11 et seqq Penguin

Advanced Level units

57.113

Dramatic Criticism One S1
Prerequisite: 57.102 at Credit Level or better. Co-requisite: 57.103.
The principles and specific problems of literary and dramatic criticism with special emphasis on detailed textual examination of plays in performance.

Textbooks

Lists of specific texts and practical exercises are issued from time to time.

57.114

Dramatic Criticism Two S2
Prerequisite: 57.113. Co-requisite: one Upper Level unit.
The history of dramatic criticism with special attention to the development of Shakespearean criticism and to the development of theatre criticism with particular reference to the nineteenth and twentieth centuries.

Textbooks

Specific texts are indicated from time to time.

57.505

Greek Drama and Civilization S1 & S2 (28 weeks)
Prerequisite: 57.113. Co-requisite: 57.505 and 2 Upper Level units other than 57.103, 1 in each session.
Certain aspects of Greek drama with particular emphasis upon setting the theatre within the framework of the Greek visual imagination.

Textbooks

Selected from:
Aeschylus: Oresteian Trilogy, Prometheus Bound, Seven Against Thebes.
Sophocles: Ajax, Antigone, Philoctetes, Trachinian Maidens.
Euripides: Cyclops, Alcestis, Medea, Hippolytus, Trojan Women, Hecuba, Helen, Children of Heracles, Mad Heracles, Orestes, Baccae.
The recommended texts are the paperback edition by D. Greene and R. Lattimore, published by Chicago UP.

57.515

Comedy S1 & S2 (20 weeks)
Prerequisite: 57.114. Co-requisite: 57.505 and 2 Upper Level units other than 57.103, 1 in each session.
A study of the theory and practice of comedy.

Textbooks

Bergson H. & Meredith G. Comedy Doubleday Anchor
Cornford F. M. The Origin of Attic Comedy Doubleday Anchor
Guthke K. S. Modern Tragicomedy Random House
Lauter P. ed Theories of Comedy Doubleday Anchor
Honours Level unit

57.526
Drama Honours  S1 & S2 (28 weeks)
Prerequisites: 57.505 and 57.515.

Studies in drama and theatre at an Advanced Level are undertaken and students are required to write a thesis on a topic largely of their own choice.

Prerequisites and co-requisites may be waived in exceptional circumstances and at the discretion of the School.

The schedule and outline of courses for 1977 involve changes in the School of Drama. Courses which are prerequisites of all other courses now end with the completion of 57.103, that is at the end of the students' third session of study in the School. From this point on students may take one of three newly available sequences in either film, educational drama or twentieth century drama, or may take a selection of other options offered, making up a generalist course (which may include elements of film, educational or twentieth century drama).

Economic History

Undergraduate Study

Level I units

15.701
Economic History IA (Arts)—European Economy and Society to 1800

The economic development of medieval Europe, the interaction of population growth, migration, agriculture expansion, technology, industry and trade. Demographic crisis and the consequences of a declining population in the later Middle Ages. The expansion of Europe 1500-1700 with reference to the relative decline of the Mediterranean and Eastern Europe and the emergence of an Atlantic economy; discoveries, colonization and overseas trade; agrarian change and the emergence of mercantile capitalism.

Preliminary Reading
Lopez R. S. The Commercial Revolution of the Middle Ages Prentice-Hall 1971 *
Miskimin H. The Economy of Early Renaissance Europe Prentice-Hall 1969 *

Textbooks
Davis R. The Rise of the Atlantic Economies Weidenfeld & Nicolson 1973 *
Hill C. Reformation to Industrial Revolution Penguin 1969 *

15.711
Economic History IB (Arts)—European Industrialization in a Nationalistic Framework

Prerequisite: 15.701.

Agrarian change and industrial growth; the industrial revolution in Britain and Belgium; the paradox of French development; the unification and rise of Imperial Germany; the modernisation of Tsarist Russia; Europe's less developed economies and mass emigration; European imperialism and the origins of the First World War.

Preliminary Reading
Hohenberg P. A Primer on the Economic History of Europe Random House 1968 *

Textbooks
Cipolla C. ed The Fontana Economic History of Europe Vols III & IV 1973 *
Kemp T. Industrialization in Nineteenth Century Europe Longman 1969 *
Landes D. S. The Unbound Prometheus CUP 1969 *
Milward A. & Saul S. A. An Economic History of Continental Europe Vol 1 Allen & Unwin 1973 *

15.601
Economic History IA—The Making of Modern Economic Society

The characteristics of industrial society: industrialization of the west in the nineteenth century; the 'early-starters', growth of the international economy before the first world war, 'late-starters': integration of primary producers: the 'new imperialism', development of north America and Australasia; impact of the first world war and the breakdown of capitalism in the inter-war period; post-war reconstruction: development strategies and the problems of the 'third world'; the nature of modern capitalism.

Preliminary Reading
Hohenberg P. M A Primer on the Economic History of Europe Part I Random House 1968 *

Textbooks
Hughes J. Industrialization and Economic History McGraw-Hill 1970 *

*Paperback.
15.611
Economic History IB—Australian Economic Development in the Twentieth Century
Prerequisite: 15.601.

The development of the Australian economy from the Long Boom and the deep depression at the end of the nineteenth century to the present day. Topics: a general overview of Australian economic development and its main features; economic fluctuations and their consequences, especially the Great Depression of the 1930s; the rise of Australian economic institutions; changes in the philosophy of development and the role of the State; the impact of war on the Australian economy; the growth of manufacturing and the creation of an industrial base; problems of the rural sector; and changes in the Australian standard of living. Throughout the course particular attention is given to Australia's changing economic relations with other countries.

Preliminary Reading
Alexander F. Australia since Federation Nelson 1967 *

Textbooks
Boehm E. A. Twentieth Century Economic Development in Australia Longman 1971 *
Wheelwright E. L. & Buckley Ken eds Essays in the Political Economy of Australian Capitalism Vol I Australia & New Zealand Book Co 1975 *
Schedvin C. B. Australia and the Great Depression Sydney UP 1970 *

Upper Level units

In order to enrol in an Upper Level unit, a candidate must have passed any four Level I units, and completed any specific prerequisite unit or units listed.

15.622
American Economic and Social Development before the Civil War

Economic and social life in Colonial America: land, labour and capital. The impact of the American Revolution and an economic interpretation of the Constitution. The growth of regional differences in the USA: analysis of the slave plantation economy in the South; the development of manufacturing enterprises in the North-East; and the influence of the migration West upon American growth. Other subjects include: the role of the State in stimulating economic development; innovations in transportation and in manufacturing production; and the response of the American worker to industrialization.

Preliminary Reading
Degler C. Out of Our Past Harper & Row 1974 *

Textbooks
Brownlee W. Elliott Dynamics of Ascent: A History of the American Economy Knopf 1974 *

15.662
Economic and Social Change in the United States since the Civil War
Prerequisite: 15.622.

Agrarian protest movements; industrial concentration and combination; American business leaders in the late nineteenth century; the American standard of living prior to the First World War. Immigration and the development of unionism 1890-1950. Problems of twentieth century agriculture; the 1920's: cause of, and responses to, the Great Depression. Demographic changes since 1880; the role of the Negro in American economic life; the concept of an American "working class". Business interests and war; government interventionism and the American "welfare state".

Preliminary Reading
Hays S. B. The Response to Industrialism 1885-1914 Chicago UP 1968 *

Textbooks
Brownlee W. Elliott Dynamics of Ascent: A History of the American Economy Knopf 1974*
Robertson R. M. History of the American Economy Harcourt Brace & World 1973 *

15.692
Theories and Models in Economic History
Prerequisite: 15.711 or 15.611.

An introductory course designed to give students an outline of the main traditions of economic analysis and relationships between economic theory and economic history. Emphasis is placed on types of economic theory most suited to the study of economic change. Discussion of key macro-economic relationships is built on micro-economic foundations and concentrates upon production relations. Various approaches to the study of growth and development. Quantitative techniques for historians. Students are encouraged to relate economic theory and quantitative techniques to problems in economic history.

Preliminary Reading
Robinson J. Freedom and Necessity Allen & Unwin/University House 1970 *

Textbooks
No set texts. A reading list is provided.
*Paperback.
15.676
**Australian Economic Development in the Nineteenth Century**

*Prerequisite: 15.011 or 15.711 or 15.611.*

The basic features of the growth of the colonial economies up to Federation. Areas of special attention include: the consequences of the European conquest of the South Pacific and South-East Asia; the growth of trade, capital and labour markets, the impact of imperial policy; the effects of the Gold Rushes and the long boom; the causes and effects of major economic fluctuations; class structure; demographic change; and regional differences. Australia's relationship with the international economy, and some longer-run consequences of growth in this period, are discussed.

**Preliminary Reading**

Blainey G. *The Tyranny of Distance* Sun Books 1966 *

Clark C. M. H. *A Short History of Australia* Mentor 1963 *

**Textbooks**


Butlin N. G. *Investment in Australian Economic Development 1860-1900* Department of Economic History Reprint ANU 1972 *

Fitzpatrick B. *The British Empire in Australia* 1834-1939 Macmillan 1969 *


Wheelwright E. L. & Buckley K eds *Essays in the Political Economy of Australian Capitalism* Vol 1 ANZ Book Co 1975 *

15.678
**Transformation of the Japanese Economy**

*Prerequisite: 15.011 or 15.692 and 15.601 or 15.711.*

Growth and sectoral change in the Tokugawa economy; cities, handicrafts and population. The low-level equilibrium trap. Dynamics of the Meiji Restoration, government, trade, development. The interpretation of 'relative backwardness', 1868-1914. Classical models and capitalist development. The economic history of political change during the inter-war years. Capitalism and colonies. 'Economic miracle' and structural change; exports, the yen and the international economy.

**Preliminary Reading**

Storry R. *A History of Modern Japan* Penguin 1970 *

**Textbooks**


Bieda K. *Structure and Operation of the Japanese Economy* Wiley 1970 *

Lockwood W. W. *The State and Economic Enterprise in Japan* Princeton UP 1965 *

15.643
**British Imperialism in the Nineteenth and Twentieth Centuries**

*Prerequisite: 15.601 or 15.711.*

Theories of imperialism; informal empire and the mid-nineteenth century imperialism of free trade; overseas investment, the Great Depression and the 'Scramble for Africa'; the South Africa war; the British colonial system in the twentieth century in Africa, Malaysia and the Pacific; trusteeship, paternalism and economic development; the colonial crisis of the 1930's: did colonies pay? social aspects and acculturation; the colonial economies 1945 to 1960; the struggle for independence.

**Preliminary Reading**

Barratt-Brown M. *The Economics of Imperialism* Penguin 1974 *

Cross C. *The Fall of the British Empire* Paladin 1970 *

Hobsbawm E. J. *Industry and Empire* Penguin 1969 *


Shaw A. G. L. ed *Great Britain and the Colonies 1815 to 1865* Methuen/University Paperbacks 1970 *

**Textbooks**

No set texts. A reading list is provided.

15.653
**Aspects of British Economic and Social Change 1740-1850**

British economy and society during the industrial revolution: population growth and socio-economic change; the agricultural revolution; labour and capital supply in industrialization; industrial growth and the factory system; war and the economy, 1756-1815; social change and social movements; urbanization; the treatment of poverty; the role of the state; the standard of living question.

**Preliminary Reading**

Hobsbawm E. J. *Industry and Empire* Penguin 1969 *

Briggs A. *The Age of Improvement* Longman 1975 *

**Textbooks**

Dow P. *The First Industrial Revolution* CUP 1965 *

Flinn M. W. *Origins of the Industrial Revolution* Longman 1969 *

Hartwell R. M. *The Industrial Revolution and Economic Growth* Methuen 1959 *

Thompson E. P. *The Making of the English Working Class* Penguin 1972 *

15.655
**British Imperialism in the Seventeenth and Eighteenth Centuries**

*Prerequisite: 15.601 or 15.701 or 51.511.*

Seventeenth century ideas about trade and colonies, the mercantilist State and imperial expansion; chartered companies; imperialism in America, the Caribbean, West Africa and the East Indies; the Atlantic economy and the economics of the slave trade; racism and imperialism; the eighteenth century colonial system; India under Company rule; British imperialism and the Industrial Revolution.

*Paperback.*
15.663
Economic Change in Modern India
1750-1950
An explanation of the elements of stagnation and areas of change in the Indian economy from 1750 to the present day. Trends in population output, national income, international trade and other economic indicators are studied. The impact of land tenure systems, economic policies and social structures on the course of economic development in India.

Textbook
Gadgil D. R. *The Industrial Evolution of India in Recent Times* 5th ed OUP 1971
Singh V. B. ed *Economic History of India 1857-1956* Allied Bombay 1976

15.665
Economic and Social History of Modern Germany
Prerequisites: 15.711 or 15.601 or 64.501 or 64.521 or 51.511.
The development of German economy and society; the agrarian economy of the eighteenth century and the east-west division of Germany; the impact of the French Revolution and Napoleonic Wars on the agrarian and industrial structures of Germany; economy and society during the period 1815-1848, modern industrialization after 1850, agrarian change, internal migration and the rise of the labour movement, 1873-1914; the Weimar economy and the Great Depression; Nazi policy and recovery; the war economy; and post-war developments in the East and West Germany economies.

Textbooks
No set texts. A reading list is provided.

15.673
The Chinese Economy 1700-1949
A sectoral analysis of the Chinese economy, including geography, population, agriculture, industry, trade (domestic and foreign), foreign investment, and the role of the state. Three main themes: the reasons why China did not experience an "industrial revolution" prior to the arrival of already-industrialized nations; the net impact of imperialism on China; and the relationship between these themes and the political revolution that culminated in Liberation in 1949.

Textbooks
No set texts. A reading list is provided.

15.675
Economy of China since 1949
The evolution, structure and working of the Chinese economy since 1949. Developments in the area of economic planning, agrarian organisation and in the industrial sector will be considered in detail. Attention will also be given to the role of ideology in Chinese economic life, and the significance of China in the world economy.

Preliminary Reading
Snow E. *Red China To-day* Pelican 1970

Textbooks
Chen N. R. & Galenson W. *The Chinese Economy under Communism* Chicago UP 1969
Schurmann F. *Ideology and Organisation in Communist China* Calif UP 1966

15.683
The Economic History of Russia since 1861
Prerequisite: 15.011 or 15.692.
Relative and absolute 'backwardness' in Russia in 1850s. Emancipation, agriculture and industry; the growth of social differentiation. Planning under the Tsars; Witte and his economic system. Industry in the 1890s. Capitalism, class formation and the intellectuals. The revolution of 1917. Pragmatism and ideology; the period of War Communism. The problem of capital; the New Economic Policy and the economic debates of the 1920s. Solutions; collectivization, industry and planning. Invasion, war and recovery. Imperialism and international economic policy in the post-war years. Planning and the New Economics. Convergence?

Preliminary Reading
Kochan L. *The Making of Modern Russia* Penguin 1963

Textbooks
Falkus M. E. *The Industrialization of Russia 1700-1914* Papermac 1972
Gerschenkron A. *Economic Backwardness in Historical Perspective* Harvard UP 1962
Nove A. *An Economic History of the USSR* Penguin 1972

15.685
Introduction to Econometric History
Prerequisites: 15.611 or 15.711.
A survey of major topics in econometric history, including 'counterfactual' economic history, the slavery debates, technological change in Britain and America, railroads and British

*Paperback.
economic growth, development models in Japanese and Chinese history, and Australian-European models of migration. A critical examination is made of the assumptions of econometric historians. Students are introduced to elementary statistical techniques and have an opportunity to use the computer.

**Preliminary Reading**

Floud R. ed *Essays in Quantitative Economic History* OUP 1974

**Textbooks**

No set texts. A reading list is provided.

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**15.695 Quantitative Methods in Historical Analysis**

The course introduces students to the statistical concepts and methods most frequently encountered in economic and social history. The aim is two-fold: (a) to illustrate the application of basic statistical techniques to historical problems, and (b) to aid critical analysis of the quantitative data encountered in history texts.

**Preliminary Reading**


**Textbooks**

No set texts. A reading list is provided.

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**15.703 The Origins of Modern Economics**

The development of classical economic thought from its scholastic origins to the writings of John Stuart Mill. Contributions to economic analysis, and policy of David Hume, Adam Smith, Quesney, Ricardo, Malthus, Senior and Mill. Impact of classical economics on later developments in economic thinking as well as on the economic policy of some countries.

**Textbooks**


Mill J. S. *Principles of Political Economy* Pelican 1970

Ricardo D. *Principles of Political Economy and Taxation* Pelican 1971

Rol E. *The History of Economic Thought* Faber 1974


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**15.713 Economic Thought from Karl Marx to John Maynard Keynes**

**Prerequisite:** 15.703 or 15.011 or 15.692.

Economic thought from Marx to Keynes. Emphasis is placed on the main personalities, the intellectual and social climate of the period, and the lasting impact of the work of Marx, Jevons, Walras, Menger, Wieser, Bohm Bawerk, Pareto, Marshall, Wicksell, Pigou and Keynes on the future development of the discipline.

**Textbooks**

Dobb M. *Theories of Value and Distribution since Adam Smith* CUP 1975


Napoleoni C. *Economic Thought of the Twentieth Century* Martin Robertson 1972

Schumpeter J. *Ten Great Economists* Allen & Unwin/University 1962

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**15.753 Science, Society and Economic Development**

The rise of modern science and its relationship to other cultural movements: the growth of applied science after 1700; science and technology in the Industrial Revolution; industrial research; analysis of models designed to link science and education with modern economic development. Students are expected to participate in detailed case studies.

**Preliminary Reading**

Bernal J. D. *Science In History* Penguin 1969

**Textbooks**

No set texts. A reading list is provided.

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**Advanced Level units**

In order to enrol in an Advanced Level unit, a candidate must have passed four Level I Arts units, including at least one at Credit Level or better, in addition to completing any specific prerequisite unit or units listed.

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**15.632 American Economic Development before the Civil War**

As for 15.622. Also


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**15.672 Economic Change in the United States since the Civil War**

**Prerequisite:** 15.632.

As for 15.662. Also


*Paperback.*
15.677
Australian Economic Development in the Nineteenth Century
Prerequisite: 15.011 or 15.711 or 15.611.
As for 15.676, with additional work.

15.679
Transformation of the Japanese Economy
Prerequisites: 15.011 or 15.692 and 15.601 or 15.711.
As for 15.678, with additional work.

15.743
The Economic History of Urbanization
Studies in the main, the growth of cities during the last two centuries in Britain, North America and Australia. Economic, social and institutional structures; networks and interrelations between urban centres; capital and labour; residential patterns and mobility; political control. Theories of metropolises with particular reference to London, Chicago and Melbourne.

Preliminary Reading
Dyos H. J. ed The Study of Urban History Arnold 1968
Frank A. G. Capitalism and Underdevelopment in Latin America Penguin 1971
Thernstrom S. & Sennett R. eds Nineteenth Century Cities: Essays in the New Urban History Yale UP 1969 *

Textbooks
No set text. A reading list is provided.

15.745
Government and Economy in the Twentieth Century
The range, costs and benefits of government activities in the modern state, with special reference to the working of Federation in Australia.

Textbooks
No set texts. A reading list is provided.

Honours Level units

In order to enrol in an Honours Level unit, a candidate must have completed 1. at least two Advanced Level units at credit level or better in economic history, and 2. either 15.011 or 15.692.

A student who has passed 15.011 may only enrol in 15.692 with permission from the Head of the Department of Economic History.

15.704 and 15.714
Economic History IV A + IV B (Arts) (double unit)

1. Special Subject—British Economy and Society 1870-1940


Preliminary Reading
Alford W. E. B. Depression and Recovery? British Economic Growth 1918-1939 Macmillan *
Ashworth W. An Economic History of England 1870-1939 Methuen *
Saul S. B. The Myth of the Great Depression 1873-1896 Macmillan *

Textbooks
No set texts. A reading list of primary and secondary sources is supplied.

‡2. Approaches to Economics and Social History
The perspectives, themes and tools involved in the study of modern economic and social history. Shows that the historian concentrates upon particular problems and methods of analysis which define the subject of history as a discipline in its own right. One function of the course is to provide a degree of unity to the varied knowledge gained by students in other economic history courses; another is to allow students to come to grips with important problems of a general nature.

Textbooks
No set texts. A reading list is provided.

3. Seminar In Research Methods
A reading list is provided.

4. Thesis
Honours students in their final year are required to prepare a thesis of not more than 20,000 words which must be submitted before the final examinations in November. The thesis topic must be approved by the Head of the Department of Economic History before the end of the August recess in the year preceding the candidate's entry into the 7th and 8th sessions of study.

*A candidate may be allowed by the Head of the Department of Economic History to substitute an Upper or Advanced Level Unit in place of this subject.

*Paperback.
Economics

Undergraduate Study

Level I units

15.001 Economics IA
Microeconomic analysis as related to some aspects of the Australian economy, including the concept of market demand, the theory of costs and production, supply and demand analysis, the determination of exchange rates, the effects of taxes, tariffs, subsidies and quotas, price and output determination under competitive and other market structures, an introduction to distribution theory and the application of economic analysis to contemporary problems.

Textbooks
Tisdell C. A. Economics of Markets: An Introduction to Economic Analysis Wiley 1974
Tisdell C. A. Workbook to Accompany Economics of Markets Wiley 1975

15.011 Economics IB
Prerequisite: 15.001.

Macroeconomic analysis as related to some aspects of the Australian economy, including national income and product, money and banking, consumption, investment, liquidity preference, the Keynesian model of income determination and economic growth.

Textbooks
Rowan D. C. Output, Inflation and Growth Australian ed Macmillan 1975

15.411 Quantitative Methods A
Prerequisite: HSC 2 unit Mathematics. Co-prerequisite: 15.001.

Matrix Algebra: Matrices in economics, operations with matrices; matrix inverse; determinants and solutions of linear equations.

Calculus: Sets; functions and relations; the concept of a limit and continuity; the derivative of a function; tangents; maxima and minima; technique of integration; area and definite integral.

Applications of the above concepts and methods in accounting and economics will be emphasized.

Textbook

15.421 Quantitative Methods B
Prerequisite: 15.411. Co-prerequisite: 15.011.

Frequency distributions, measures of central tendency, dispersion and skewness, introduction to probability theory, the binomial distribution, the normal distribution, estimation of population parameters and confidence intervals, hypothesis tests, the t distribution.

Textbook

Upper Level units

In order to enrol in an Upper Level unit, a candidate must have passed any four Level I Arts units, and completed any specific prerequisite unit or units listed.

15.062 Economics IID
Prerequisite: 15.011.

Unemployment and inflation; goals of macroeconomic policy; introduction to monetary, fiscal and incomes policies; money, credit and financial institutions; monetary policy in Australia; theory of fiscal policy; fiscal policy in Australia; and Commonwealth-State financial relations.

Textbooks
Neville J. W. Fiscal Policy in Australia 2nd ed Cheshire 1975
Rowan D. C. Output, Inflation and Growth Australian ed Macmillan 1975

15.072 Economics IIE
Prerequisite: 15.011.

The application of microeconomic theory to consumption, production, market structures, welfare and international trade.

Textbook
Hirschleifer J. Price Theory and Applications Prentice-Hall 1976

15.263 Economics IID
Prerequisite: 15.062 or 15.012.

Economics IID consists of any two of the following session units:
15.043

The Soviet Economy
Not offered in 1977.

How basic economic problems are solved in the contemporary Soviet economy within a socialist institutional framework. The emphasis is on analysis of the actual operation of the Soviet economy and on an assessment of the extent to which and the efficiency with which it meets its own posited goals. For comparative, illustrative and analytical purposes reference is also made to other East European socialist countries, including Yugoslavia.

15.163

Industrial Organization and Policy
An analysis of the structure of industry; inter-relationships between the role of the business firm and industrial structure; multi-national corporations; factors affecting size-structure and performance such as economies of scale; barriers to entry, vertical integration, diversification and mergers, patents, the development and transmission of technology; industrial policy in Australia with special reference to competition policy, foreign investment and mergers, and some specific industry policies (such as on motor vehicles, electronics, steel, petroleum).

Textbooks
OECD The Industrial Policy of Australia 1975
The Trade Practices Commission Second Annual Report 1975-76
Industries Assistance Commission Annual Report 1975-76
Prices Justification Tribunal Third Annual Report 1975-76

15.082

Labour Economics
The theory of the labour market and applications to the Australian situation, including labour supply and demand, with emphasis on structural changes in the labour force and the effects of technology and migration; work-leisure preferences and job satisfaction; unemployment and underemployment; wage theory and practice, with reference to market forces, collective bargaining and government regulation; the Australian arbitration system, and its inter-action with other wage determinants; wage differentials.

Textbooks
Horn R. V. Australian Labour Market Economics Cheshire 1975
Rees A. The Economics of Work and Pay Harper & Row 1973

15.092

The Political Economy of Contemporary Capitalism
The main features of modern capitalism and an appraisal of the applicability of orthodox economic theory to the explanation of these characteristics. A survey of the various critiques of modern capitalism, including institutionalist, Marxist and neo-Marxist analyses. Reference will be made to features of Australian capitalism and their origins and explanations.

Textbooks
Desai M. Marxian Economics Gray-Mills 1974
Galbraith J. K. Economics and the Public Purpose Deutsch 1974

15.123

Regional and Urban Economics
The theory of urban and regional economics and its policy implications. Topics: regional income and growth, location theory, urban land values and structure, urban growth, the economics of city size, urban transportation and fiscal problems.

Textbooks
To be advised.

15.203

Japanese Economic Policy
The postwar Japanese economy and economic policy, including an analysis of the postwar economy in historical perspective; Japanese long-term economic planning, and the nature of principal economic policies such as agricultural, industrial, monetary and fiscal.

Textbooks
Komiya R. ed Postwar Economic Growth in Japan Calif UP 1966
Lockwood W. W. ed The State and Economic Enterprise in Japan Princeton UP 1965
Tsuru Shigeto Essays on Japanese Economy Kinokuniya Bookstore 1958

15.273

Economics IIIE
Prerequisite: 15.072 plus HSC 2 unit mathematics or equivalent mathematical knowledge.

Consists of a core unit, 15.103 International Economics, and one of Public Finance, Economic Development or Japanese International Economic Relations.

15.103

International Economics
Basic theory and empirical evidence relating to international trade and investment tariffs and other impediments to trade, the balance of international payments, exchange rates and international monetary problems. Long-term and more recent developments in international trade and the effects of regional trading arrangements. Australian policies in the light of developments in the world economy.

Textbook
15.083
Public Finance
General aspects of public sector expenditure and its financing with special reference to Australia, including the role of government in the economy; principles and types of public expenditure; tax sharing and revenue systems; economic and welfare aspects of different types of taxes and social service systems; inflation and tax indexation; loan finance and the public debt; fiscal policy, the Budget and the economy.

Textbooks
To be advised.

15.053
Economic Development
The gap between the welfare of the rich and the poor nations. Earlier theories of development as a basis for an appreciation of the various economic and non-economic theories of under-development, such as social and technological dualism, balanced and unbalanced growth, structural change and development. The general principles and techniques of development planning and their application in particular countries.

Textbooks
Bernstein H. Underdevelopment and Development Penguin 1973
Sutcliffe R. B. Industry and Development Addison-Wesley 1971

15.213
Japanese International Economic Relations
Japan's international trade, investment and balance of payments policies. Present and anticipated problems relating to external economic policies, including alternative strategies for international economic relations.

Textbooks
No set texts. A reference list is provided.

15.412
Quantitative Economic Techniques A
Prerequisite: 15.421 or 10.001.
Correlation analysis; simple and multiple regression analysis with applications in economics. Breakdown of the classical assumptions. Index numbers. Introduction to simultaneous equation models.

Textbooks
No set texts. A reading list is provided.

15.422
Quantitative Economic Techniques B
Prerequisite: 15.411 or 10.001.
Input-output analysis and linear programming, optimization methods, and dynamic economic models, with applications.

Textbook
Chiang A. C. Fundamental Methods of Mathematical Economics 2nd ed McGraw Hill 1974

Advanced Level units
In order to enrol in an Advanced Level unit, a candidate must have passed four Level I Arts units, including at least one at Credit Level or better, in addition to completing any specific prerequisites unit or units listed.

15.012
Economics IIA
Prerequisite: Credit in 15.011 or the consent of the Head of Department.
Microeconomic theory, including consumer theory, production theory, types of competition, market stability and international trade.

Textbook
Hirshleifer J. Price Theory and Applications Prentice-Hall 1976

15.032
Economics IIB
Prerequisite: Credit in 15.012 or consent of the Head of Department.
General equilibrium theory and welfare economics.

Textbooks
No set texts. A reference list is provided.

15.052
Economics IIC
Prerequisite: Credit in 15.052 or consent of the Head of Department.
Extensions to the Keynesian model of income determination to include the government and overseas sectors and a more detailed examination of both demand and supply functions; money and financial institutions; an introduction to dynamic economics.

Textbooks
Nevile J. W. Fiscal Policy in Australia 2nd ed Cheshire 1975
Nevile J. W. & Stammer D. W. eds Inflation and Unemployment Pelican 1971
Rowan D. C. Output, Inflation and Growth Aust ed Macmillan 1975

15.013
Economics IIIA
Prerequisite: Credit or better in 15.052 or consent of the Head of the Department.
Macroeconomic theory and policy, including an introduction to the theory of economic policy, the structure and dynamic characteristics of macro-models, recent developments in monetary theory and policy, theories of inflation and policy in a dynamic setting. The theory of economic growth.
Economics IIIB
Prerequisite: Credit in 15.013 and 15.032 or consent of the Head of Department.

International trade and investment, tariffs and other restrictions, the balance of payments, external balance, the international monetary system.

Textbook

Research Methods and Methodology
Prerequisite: 15.013. For students planning to take Economics Honours.

The nature of scientific method, the scope of economics and its relation to other social sciences and ethics. Theory construction and validation in economics. Strengths and limitations of econometrics in the specification and validation of economic hypotheses. Computer programming for economic research. FORTRAN syntax and programming style with applications in economics. Bibliographic methods and literature overview.

Textbook
No set texts. A reference list is provided.

Honours Level units

15.044 Economic Honours (Arts)

15.054 Economic Honours (Arts)

Prerequisites: 15.012, 15.032, 15.052, 15.013, 15.033, 15.173, all Credit.

These two units are a double unit, consisting of a survey of economic theory and a thesis. Students enrolled in this double unit are required to attend regular seminars in Session 2 at which each student will present a seminar on the topic of his thesis.

15.033

English

Undergraduate Study

English is not a compulsory subject within the Faculty of Arts: the courses are therefore planned for students who have both a genuine interest in the subject and some special ability in it, including an ability to write English without obvious error. The prerequisite is 2 unit or 3 unit English (grade 1, 2 or 3) in the Higher School Certificate Examination, or an equivalent acceptable to the University.

Students who wish to take an Honours degree in English are strongly advised to include in their program courses in a foreign language.

A major sequence in English is 50.511 English IA or 50.521 English IB; 50.512 English IIA; 50.513 English IIIA. Honours students, however, are required in their second and third years to follow the sequence 50.532 English IIC; 50.513 English IIIB and 50.523 English IIIIB. Pass students may, in addition, take 50.522 English IIB; and pass students not proceeding to IIIA may take 50.522 English IIB instead of IIIB.

It will be assumed that all students before beginning the course have read a standard history of English literature and are familiar with the main outlines of English history and with the terminology of traditional English grammar (as used in, for example, J. R. Bernard, A Short Guide to Traditional Grammar, Sydney University Press, 1975); and the right is reserved to examine on these.

Each prescribed text must be read before the lectures on it are given. (In each part of the English I lecture courses, the texts will be taken in the roughly chronological order of the following lists.)

15.013

English IA

Students take either English IA, 50.511, or English IB, 50.521. The B course is strongly recommended to students whose reading at school has been mainly confined to modern literature.

50.511

English IA

The course consists of
(i) an introduction to twentieth-century literature; 2 lectures a week;
(ii) language and earlier literature; 1 lecture a week.

Textbooks
(i) Twentieth-Century Literature
(a) Drama
Shaw. Saint Joan.
Synge. Plays to be selected from Plays, Poems and Prose (Everyman).
O'Neill. The Emperor Jones.
Eliot. The Family Reunion.
Williams. A Street Car Named Desire.
Lawler. Summer of the Seventeenth Doll.
Beckett. All That Fall.
Pinter. Old Times.

(b) The Novel
Conrad. Heart of Darkness.
Joyce. A Portrait of the Artist as a Young Man.
Faulkner. As I Lay Dying.
Updike. Mister Johnson.
Stow. The Merry-go-round in the Sea.

(c) Poetry
Yeats. Selected Poetry, ed. A. N. Jeffares, Macmillan.
Eliot. Selected Poems. Faber.
Auden. Selected Poems. Faber.
Murray, L. The Vernacular Republic. A & R.

(ii) Language and Earlier Literature
Potter, S. Language in the Modern World.

50.521 English IB
The course consists of:
(i) the study of texts representing the principal kinds, and
development, in English literature of (a) drama, (b) the novel,
(c) poetry; 2 lectures a week;
(ii) language and earlier literature; 1 lecture a week.

Textbooks
(i) Literature
(a) Drama
Everyman, ed. A. C. Cawley. Manchester U.P.
Shakespeare. Macbeth.
Jonson. Volpone. (these two in Four English Comedies. Penguin).
Shaw. Arms and the Man.
MacLeish. J.B. Stoppard. Jumpers.

(b) The Novel
Defoe. Moll Flanders.
Fanny Burney. Evelina.
Charlotte Bronte. Jane Eyre.
Butler. The Way of All Flesh.
Conrad. Lord Jim.
Hemingway. Fiesta (The Sun also Rises).

Faulkner. The Sound and the Fury.
(Each of these in any unabridged edition.)

(c) Poetry

(ii) Language
Potter, S. Language in the Modern World.

Upper Level units

50.512 English IIA
Prerequisite: 50.511 English IA or 50.521 English IB.
The course deals with nineteenth-century literature in English,
together with Shakespeare's "Histories".

Background Reading

Prose—Recommended Reading
Jane Austen. Emma; Mansfield Park.
Dickens. Bleak House; Great Expectations.
Emily Bronte. Wuthering Heights.
Twain. Huckleberry Finn.
Melville. Moby Dick; Billy Budd and selected short stories.
George Eliot. Middlemarch.
James. The Portrait of a Lady; The Ambassadors.

Poetry
Blake, Wordsworth, Coleridge, Byron, Keats, Whitman, Tennyson, Browning, Arnold.

No textbooks will be prescribed. Students are advised to buy
the edition in the Oxford Standard Authors, where available,
or for Wordsworth, Selected Poetry, ed. Mark Van Doren
(Modern Library College Edition); for Coleridge, Poems
(Everyman); for Whitman, Leaves of Grass and Selected
Prose, ed. Bradley (Rinehart); for Tennyson, Selected Poetry,
ed. Bush (Modern Library C.E.); for Browning, Selected
Poetry (Modern Library C.E.) and The Ring and the Book
(Penguin).

Drama
Wilde, and selected plays by the major poets.

Shakespeare
Richard III; King John; Henry IV (both parts); Henry V (these
in any good complete edition, e.g. Alexander [Collins] or
Sisson [Odhams], or in the separate volumes of, preferably,
the New Arden [Melthuen] or the New Penguin editions, or in
the New Shakespeare [C.U.P.].
50.522

**English IIIB**

*Prerequisite: 50.511 English IA or 50.521 English IB.*

The course consists of:

(i) a study of language theory, and its relation to literary criticism;

(ii) a study of Middle English literature based principally on Chaucer, the miracle plays, and selected romances.

**Textbooks**

(i) Turner, G. W. *Stylistics.* Pelican.

Watson, G. *The Literary Critics.* Pelican.


Davies, R. T. ed. *Medieval English Lyrics.* Faber.


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50.513

**English IIIA**

*Prerequisite: 50.512 English IIA or 50.532 English IIC.*

The course deals with the poetry of Milton and Dryden and eighteenth-century literature, together with Shakespeare's Tragedies.

The following authors will be studied:

Milton: Dryden; Pope; Gay; Swift; Defoe, Richardson, Fielding, Smollett, Sterne, Goldsmith; Johnson and Boswell; together with selected plays by Congreve, Vanbrugh, Farquhar, Goldsmith and Sheridan.

**Reference Books**


No textbooks will be prescribed. Students are advised to purchase standard editions such as the Oxford Standard Authors, where available, or for Pope, *The Poems,* ed. Butt ("Twickenham" one-volume edition, Methuen); for Swift, *Gillette's Travels and Other Writings,* ed. Quintana (Modern Library College Edition); for the drama, *Restoration Plays,* ed. Gosse (Everyman).

For Shakespeare (Romeo and Juliet; Hamlet; King Lear; Timon of Athens; Antony and Cleopatra; Coriolanus) students may use any good complete edition (e.g. those of Alexander [Collins] or Sisson [Odhams] or the separate volumes of the *New Arden* [Methuen], the *New Penguin,* or the *New Shakespeare* [C.U.P.]).

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Advanced Level units

50.532

**English IIC**

*Prerequisite: 50.511 English IA or 50.521 English IB, at Credit Level or better.*

This course must be taken by students wishing to proceed to an Honours degree in English.

The course consists of:

(i) the work set down for 50.512 English IIA;

(ii) an introduction to Old and Middle English Language and Literature;

(iii) twentieth-century American Literature.

**Textbooks**

(i) As for 50.512 English IIA.

(ii) Sweet, H. *Anglo-Saxon Primer.* O.U.P.


(iii) The study of American literature will be based on the work of the following:

Faulkner (Absalom, Absalom); Warren (All the King's Men); Carson McCullers (The Ballad of the Sad Café); West (Collected Works, Penguin); Bellow (Hormaz); Malle (The Armies of the Night); Malamud (The Assistant); Pound, Wallace Stevens, Roethke; Miller, Albee.

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50.523

**English IIIB**

*Prerequisite: 50.532 English IIC at Credit Level or better. Co-requisite: 50.513 English IIIA.*

This course must be taken by students wishing to proceed to an Honours degree in English.

The course consists of:

(i) a study of Elizabethan literature, covering the following:

Lyly, Peele, Kyd, Marlowe, Greene; Shakespeare (early plays, Comedies and "Problem Plays"); the poetry of Wyatt, Sidney, Spenser, Shakespeare and Ralegh; and prose, with special reference to Gascoigne, Sidney, Lyly, Lodge, Nashe and Davenant.

(ii) Old and Middle English literature.

**Textbooks**


Honours Level units
Students take either 50.514 (IVA) or 50.524 (IVB).

50.514
English IVA
Prerequisites: Both 50.513 English IIIA and 50.523 English IIIB at Credit Level or better.

The course deals with:
(i) seventeenth-century English literature;
(ii) the materials and methods of literary scholarship.

(i) (a) Drama
Selected plays by Jonson, Chapman, Marston, Tournour, Webster, Middleton, Beaumont and Fletcher; Shakespeare ("Romances" and Henry VIII); Massinger, Ford, Shirley; Dryden, Otway, Etherege, Wycherley, Congreve.

(b) Poetry
Jonson, Donne, Herbert, Vaughan, Crashaw, Traherne; Herrick and the Cavaliers; Milton; Marvell; Butler; Rochester.

(c) Prose
Selected prose by Bacon, Donne, Burton, Milton, Browne, Bunyan, Walton, Pepys and Evelyn; and selected works of prose-fiction.

50.524
English IVB
Prerequisites: Both 50.513 English IIIA and 50.523 English IIIB at Credit Level or better.

The course consists of:
(i) an advanced study of Old and Middle English literature;
(ii) an introduction to Linguistics.

Textbooks
(i) (a) Old English
Leslie, R. F. ed. Three Old English Elegies. Manchester U.P.
Quirk, R. & Wrenn, C. L. An Old English Grammar. 2nd ed. Methuen.

(b) Middle English

(ii) Linguistics
Leech, G. Semantics. Pelican.

Graduate Study

50.501G
Linguistic History and Theory*
For graduates who have satisfactorily completed some coursework, at the undergraduate level, in the history of English and in phonetic and grammatical theory.

Part I History
A diachronic survey of the earlier forms of the language, based largely on texts drawn from Old, Middle and Early Modern English literature: the structure of English at each successive linguistic period; major developments in lexis, phonology, accent and syntax; changing methods of linguistic analysis.

Part II Theory
A synchronic account of contemporary English: a structural analysis of the language on various levels, from the phonetic to the semantic; and main types of linguistic theory of the last few decades (a survey of linguistic theory from Ferdinand de Saussure to the Transformationalists in America and the Firth "School" in Britain).

50.502G
Australian Literature—Nineteenth Century
A study of fiction and poetry, centered on the following authors: Tucker, Kingsley, Clarke, Boldrewood, Furphy, Lawson, Harpur, Kendall, Gordon, Paterson, Brennan, O'Dowd.

50.503G
Medieval English Literature*
A study of Medieval English Literature, especially verse and prose of the fourteenth century. The course will pay attention to the development of such literary forms as the lyric, the romance and the drama, to the conventions of dream literature and to the currents of thought exemplified by the fourteenth-century mystics.

Students' reading will be so directed as to emphasize the achievements of the major writers such as Chaucer and Langland.

50.504G
Major Australian Writers of the Twentieth Century*
A detailed study of some of the most important Australian writing of the first half of the twentieth century, centered on the works of Henry Handel Richardson, Martin Boyd, Christina Stead, Patrick White, Hal Porter, Kenneth Slessor, R. D. Fitzgerald, Judith Wright, Douglas Stewart, A. D. Hope and James McAuley.

50.505G
English Fiction of the Later Nineteenth and Earlier Twentieth Centuries
A study of the theory of the novel and chosen novels in the period 1875-1925.

*Probably not available in 1977.
The following novels will be among those studied: Meredith, The Egoist; Hardy, Far From the Madding Crowd; James, The Awkward Age, What Maisie knew, The Golden Bowl; Butler, Erewhon, The Way of All Flesh; Moore, Esther Waters; The Brook Kerith, Héloïse and Abelard; Conrad, Nostromo, Under Western Eyes.

50.506G

English Literature of the Earlier Seventeenth Century

A study of Drama (tragedies by Jonson, Heywood, Chapman, Webster, Tourneur, Middleton, Beaumont and Fletcher, Ford); Poetry (Donne's "Divine Poems", Herbert, Vaughan, and Milton's Paradise Regained); and Prose (Donne [Selected Sermons], Milton [Selected tracts], Browne [Religio Medicai], Bunyan [Grace Abounding]).

50.507G

Shakespeare

A critical study of some twelve or fifteen plays, including many not often found in undergraduate pass courses (e.g. Titus Andronicus, early comedies, King John, All's Well, Troilus and Cressida, Timon of Athens, Coriolanus, Cymbeline, and Henry VIII) together with a brief survey of the state of Shakespeare scholarship today (Shakespeare's life and times; the canon; schools of criticism; and, particularly, the problems of establishing the text).

50.508G

The Classical Background of English Literature

A study of chosen classical authors in translation, including Greek and Roman drama; Greek and Roman Poetry; ancient literary criticism, and theories of rhetoric and prose style.

The emphasis in the teaching of the language is on helping students to acquire a command of everyday modern French, and French is the language mainly used in all courses. An attempt is made to integrate the various linguistic skills of understanding, speaking, reading and writing through correlated programs involving the use of audio-visual aids, oral practice in tutorials and in the language laboratory, and later in discussion groups on issues of contemporary interest, as well as a wide variety of written exercises. Courses are also offered in stylistics and linguistics, both pure and applied.

In the sections of the syllabus devoted to literature, training is given from first year onwards in the techniques of literary analysis and criticism through the close study of individual texts. In later years, more general methodological questions are raised concerning the various ways in which literature may be approached.

Students' attention is drawn in all courses to the wealth of ideas to be found in French literature, and they are actively encouraged to express their opinions on the value of these ideas and their relevance to present-day problems. The French preoccupation with psychological analysis, moral, philosophical, sociological and political problems, the exploration of human relationships and fundamental questions related to the human condition receive special attention. At the same time, important literary works are studied in depth with a view to investigating purely aesthetic problems and the working of the creative imagination.

Note

The School offers three courses designed mainly for students from other Schools: 56.521, 56.152 and 56.162. The Level I units 56.501 and 56.511 are also open to students from any School in the Faculty, as well as from other faculties, in addition to 56.521.

Subject Details

The following is the key to the information about each subject published beside the title: F (Full year, ie both sessions); UVa (Unit Value); Hpw (Hours per week); S1 (Session 1); S2 (Session 2); T (Terminating subject).

Level I units

56.501
French IA—Introductory
F  UVa 2

Not available to students qualified to enter 56.511 or 56.521.

For students from the Faculty of Arts or other faculties who have little or no knowledge of French. The most recent audio-visual methods are used to give students a sound basis in spoken and written French. Contemporary French civilization, and a graded reading program will lead up to the study of L'Etranger. All teaching is in tutorial groups. Although it may be taken in isolation, 56.501 is designed to lead to Upper and Advanced Level units (56.502; 56.522), and students may proceed to a third or fourth year of study if they so choose. Students are required to attend the series of introductory classes which will be held in orientation week to acquaint them with audio-visual methods.

Textbooks

Camus A. L'Etranger Follo
Mogel M. T. De vive voix (Livre de l'élève) Didier
Pimsleur P. C'est la vie Harcourt Brace & World
Resnick S. Essential French Grammar Teach Yourself Books EUP
Subject Descriptions and Textbooks

56.511
Contemporary French Language, F UVa12
Literature and Civilization 5Hpw

Prequisite: 3 unit French (grade 1, 2, 3 or 4) or 2 unit French (grade 1, 2 or 3) at the Higher School Certificate, or equivalent qualifications. On application equivalences to be determined by the School of French.

A. Language
Sessions 1 and 2:
A series of integrated tutorials and language laboratory sessions designed to develop skills in understanding, speaking and writing everyday modern French, and to relate the study of the language to life in contemporary French society.

Textbooks
Capelle J. & G. et al La France en direct (Niveau 3) Hachette
Dubois J. et al Dictionnaire du français contemporain Larousse or: Micro Robert Dictionnaire du français primordial Garnier-Flammarion
Ryding W. W. Petite révision de grammaire française Harper & Row 1975

Note: Students intending to continue French beyond the first year are advised to purchase Le Petit Robert, Société du Nouveau Littre.

B. Literature and Thought
Session 1: 1. Modern theatre as a tragi-comic expression of man's sense of alienation in a changing world.
Session 2: 2. A study of two modern novels dealing with individual freedom and social responsibility. 3. An introduction to the themes and techniques of modern French poetry through a study of selected poems.

Textbooks
For 2: Sartre J.-P. L'âge de raison Livre de Poche or Folio Vian B. L'âme des jours Union générale d'éditions—10/18
For 3: No set texts. The texts of the poems are provided by the School.

C. Civilization and Society
Session 1:
The cinema as an expression of modern French civilization. (A series of films raising various social and moral issues are screened, followed by seminars analysing their themes and artistic form. Discussion is in French.)

56.502
French IIA—Intermediate F UVa12
French
6Hpw

Prerequisite: 56.501.

1. Language.
An intensive study of French language. (Session 1: 4 hours per week; Session 2: 3 hours per week).

Textbook
Capelle J. et G. et al La France en direct (Niveau 3) Hachette

2. Literature and Thought.
Session 1: French theatre and poetry from 1900. (2 hours per week).
Session 2: Modern French Fiction. (2 hours per week). Survey of French literature and thought from the 17th Century to the present time. (1 hour per week).

Textbooks
Pagnol M. Topaze Livre de Poche
Michel G. La promenade du dimanche Methuen
Rochefort C. Les Stances à Sophie Livre de Poche
Duray M. Moderato Cantabile Coll 10/18
Mettam R. et Johnson D. French History and Society, The Wars of Religion to the Fifth Republic Methuen
Howarth W. D. Peyre H. & Cruickshank J. French Literature from 1600 to the present Methuen

56.512
Enlightenment, Romanticism, Realism F UVa12
5Hpw

Prerequisite: 56.511.

A. Core Language Course: Integrated grammatical, oral-aural and written work in contemporary French.

Textbooks
As for 56.511 Language; additional texts will be supplied by the School.

3. Electives.
Session 1. Any three of the following:
1. Voltaire.
2. Rousseau.
4. Language elective.
56.162
Recent Political and Sociological Speculation by French Intellectuals
S2 3Hpw
Prerequisite: Any four level one units and 2 unit French (grade 1, 2 or 3) at the Higher School Certificate (or equivalent qualifications).

For students proposing to major in other subjects who wish to study some important aspects of contemporary French thought. It does not form part of a major sequence in French, and cannot be taken instead of 56.512, although it may be taken in addition to it (or to other Upper Level units) provided the School gives its permission.

Lectures and discussions are in English, though the texts studied are in French. Assistance with reading the texts is provided in tutorial groups.

1. 'Idées actuelles.'
2. Literary views of feminist issues.

The course should be of particular interest to students of the Schools of Sociology, Political Science and Philosophy.

Textbooks
For 1:
Baudrillard J. La société de consommation Coll Idées, Gallimard
Moscovici S. La Société contre nature Coll 10/18 Union Générale d'édition

For 2:
Beauvoir S. de La Femme rompue Folio Sartre J.-P. Huis clos Livre de Poche
Vian B. L'Arrache-coeur Livre de Poche
Vian B. L'Herbe rouge Livre de Poche

56.103
Modern France A
S1 6Hpw
Prerequisite: 56.512 or 56.532, 56.502 or 56.522.

A Core Language Course
1. The comparative stylistics of English and French.
2. French syntax and analysis of common errors.
3. Oral practice discussion groups on issues of contemporary interest.

Textbook
For 1.
Vinay J.-P. et Darbelnet J. Stylistique comparée du français et de l'anglais Cahier d'exercices No 1 Librairie Beauchemin

B Electives
Any three of the following:
1. Baudelaire.
2. Flaubert.
3. Language.

4. Political theatre (not available for students taking 56.152).

5. One of the options offered in 56.153.

Textbooks
For 1.
Baudelaire C. Les Fleurs du Mal Classiques Garnier
For 2.
Flaubert G. Madame Bovary Classiques Garnier
For 4.
Sartre, Camus, Adamov (as for 56.152).

56.104
Modern France B
S2 6Hpw
Prerequisite: 56.512 or 56.532, 56.502 or 56.522.
A. Core Language Course
1. The comparative stylistics of English and French.
2. French syntax and analysis of common errors.
3. Oral practice discussion groups on issues of contemporary interest.

Textbooks
As for 56.103A.

B. Electives.
Any three of the following:
1. Surrealism.
2. Literary views of feminist issues (not available for students taking 56.162).
3. Socio-political aspects of France since 1870.
4. One of the options offered in 56.154.
5. Language.

Textbooks
For 1: Breton A. Manifestes du surréalisme Coll Idées Gaillimard
Breton A. Nadia Livre de Poche
For 2.
As for 56.162.

56.153
Renaissance France
S1 6Hpw
3Hpw for students taking 56.103
Prerequisite: 56.512 or 56.532, 56.502 or 56.522.
A Language.
The core language component of 56.103 (if this course is not being taken concurrently).

Textbooks
As for 56.103A.

B Electives.
Any two of the following:
1. Montaigne, Rabelais.
2. Marot, Ronsard.
3. Civilisation de la Renaissance.

Textbooks
For 1.
Rabelais F. Œuvres Complètes, T.I. Garnier
Montaigne M. de Essais 3 vol Livre de Poche

Advanced Level units

56.522
French IIA (Advanced) F 7Hpw
Prerequisite: A credit level pass or better in 56.501.
The course consists of 56.502 with an additional seminar on selected French literary masterpieces. (1 hour per week.)

Textbooks
Molière J.-B. L'Avare Classiques illustrés Hachette
Nerval G. de Les Filles du feu Livre de Poche
Voltaire F.-M. de Candide OUP
56.532  
Enlightenment, Romanticism, Realism (Advanced)  
Prerequisite: A Credit Level Pass or better (or, at the discretion of the School, a good Pass) in 56.511.
As for 56.512 with an additional seminar on eighteenth century theatre and nineteenth century poetry.

Session 1: Beaumarchais and Marivaux.

Textbooks
Beaumarchais Le Barbier de Séville Nouveaux Classiques Larousse
Beaumarchais Le Mariage de Figaro Nouveaux Classiques Larousse
Marivaux Le Jeu de l'amour et du hasard Nouveaux Classiques Larousse

Session 2: Nerval.

Textbooks
Nerval G. de Poésies et souvenir Coll. Poésies Gallimard
Nerval G. de Les Filles du feu Livre de Poche

56.163  
Modern France A (Advanced)  S1 7½ Hpw
Prerequisite: A Credit Level Pass or better (or, at the discretion of the School, a good Pass) in 56.532 or 56.522; or, in exceptional circumstances, 56.512 or 56.502 with special permission of the School.
The course consists of 56.103 with an additional seminar on poetics.

Textbooks
As for 56.103.

56.164  
Modern France B (Advanced)  S2 7½ Hpw
Prerequisite: 56.163.
The course consists of 56.104 with an additional seminar on the poetry of Apollinaire.

Textbooks
As for 56.104, together with:
Apollinaire G. Alcools Gallimard: 'Poésie'
Apollinaire G. Calligrammes Gallimard: 'Poésie'

56.173  
Renaissance France (Advanced)  S1 7½ Hpw  4½ Hpw for students taking 56.163
Prerequisite: A Credit Level Pass or better (or, at the discretion of the School, a good Pass) in 56.532 or 56.522; or, in exceptional circumstances, 56.512 or 56.502 with special permission of the School.
The course consists of 56.153 with an additional seminar on linguistic theory and its relevance to an understanding of the French language.

Textbooks
As for 56.153, together with:
Martinet A. Éléments de linguistique générale Coll. 'U2': Armand Colin
Perrot J. La linguistique PUF: 'Que sais-je?'

56.174  
Classical France (Advanced)  S2 7½ Hpw  4½ Hpw for students taking 56.164
Prerequisite: 56.173.
The course consists of 56.154, with an additional seminar on modern linguistic theory.

Textbooks
As for 56.154, together with:
Dubois J. Grammaire structurale du français Larousse
Roulet E. Théories grammaticales, description et enseignement des langues Labor-Nathan

Honours Level unit

56.505  
French Honours  F 8Hpw
Prerequisite: A Credit Level Pass or better in 56.163, 56.164, 56.173 and 56.174 if French is being taken alone at the Honours Level, or in any two of 56.163, 56.164, 56.173 and 56.174 if French is being taken at the Honours Level with another subject.
The course consists of the following seminars:
1. Advanced work in language (both sessions).
2. The thought and writings of J.-J. Rousseau (one session).
3. Contemporary thematic and psychoanalytical methods of criticism (one session).
4. Formalist analysis in the 'nouveau roman' (one session).
5. Study of selected masterpieces (two sessions).
In addition, a short thesis must be submitted. The thesis is to be written in French on an approved subject.

Textbooks
For 1.
Material will be provided by the School.
For 2.
Rousseau J.-J. Discours sur les Sciences et les Arts, Discours sur l'Inégalité Garnier-Flammarion
For 3.
No set texts. A reading list is supplied.
For 4.
Genette G. Figures III ed du Seuil
Ollier La Mise en Scene Coll 10/18
Newman A. Une poésie des discours Droz
Ricardou J. Le nouveau roman ed du Seuil
Sarraute N. Les Fruits d'or Livre de Poche
Todorov T. Poétique (Qu'est-ce que le structuralisme?) Seuil Coll. Point
Geography

Undergraduate Study

Geography is the study of variations from place to place on the earth's surface arising from the spatial relationships of the phenomena which make up man's world. Geography subjects in Arts allow greater specialization in human geography—the study of where and how man lives and of his/her activities in relation to his/her environment—and lesser specialization in physical geography.

Students achieving graded passes may elect to study Honours Geography at the end of second year with the approval of the Head of School. Attention is drawn to the detailed notes and specification of sequences below.

Notes
1. Students taking two or more Upper or Advanced level units from Groups B or C must attend a field work camp of up to five days' duration in the May or August recess. Satisfactory completion of all requirements associated with that work camp is necessary before credit is given for all such units chosen. Details of field work camps are available at the beginning of the academic year, and the choice of the work camp to be attended is subject to the approval of the Head of School in the light of the students' enrolment.

2. Normally an Advanced Level unit consists of the Upper Level unit of the same name with additional work. With permission of the Head of School, it is possible to convert an Upper Level unit already completed to an Advanced Level unit by undertaking additional work.

3. Students not taking Honours but with a Graded Pass in 27.812 or 27.811 may be admitted to Advanced Level units with the approval of the Head of School.

4. The listed requirements for entry to Year 4 are the minimum required by the School. Attention is drawn to Rule 13 of the Rules Governing the Award of the Degree of Bachelor of Arts. If a student is likely to invoke this rule, it is advisable to substitute an additional Advanced Level unit for one Upper Level unit. See also Note 2, above.

Approved Sequences

Pass Major: Two Level I units plus at least four Upper Level units.

Special Honours in Geography only*: Two Level I units plus three Upper Level units plus three Advanced Level units (normally including 27.860) plus two Honours Level units including 27.890.

Special Honours in Geography and another School*: Two Level I units plus two Upper Level units plus at least two Advanced Level units plus two Honours Level units including 27.890. The second Honours Level unit shall be selected from 27.891, 27.892 or 27.893 or from the other School after consultation with the Heads of Schools concerned.

*See Note 4.

Level I units

27.801

Introduction to Physical Geography

Prerequisite: None.

The mechanism of the physical environment, with particular reference to Australia and to the Sydney region. Geologic controls of landform development; fluvial, slope and coastal processes and their landforms; cyclic and equilibrium approaches to landform studies. Global energy and atmospheric circulation; weather and climate in Australia and the Sydney region. The hydrologic cycle; processes and factors of soil formation and soil profile development. The ecosystem; controls of vegetation in the Sydney region.

Laboratory classes include the study and use of topographic maps, geological maps, and air photographs; the use of climatic data and the weather map; soil description; basic cartographic methods. Two field tutorials, equivalent to 16 tutorial hours, are a compulsory part of the course. Students must provide basic drawing equipment.

Textbook

Van Riper J. E. Man's Physical World McGraw-Hill

27.802

Introduction to Human Geography

Prerequisite: None.

Problems of data, scale, distance, and economic development. Development of human geography—traditions, approaches and basic problems, the human and natural environment. Spatial interaction including patterns of movement, gravity concept and diffusion. Pattern and structure of human activity: effect of level of economic development, man/land relationships and social and cultural factors on agriculture, manufacturing and tertiary services. Population—resources problem in context of economic development. Australian and South-East Asian examples are used where relevant.

Laboratory classes in data presentation and description. A compulsory field excursion equivalent to 8 tutorial hours.

Upper Level units

Group A

27.811

Physical Geography

Prerequisite: 27.813.


Laboratory classes: climatic analysis and mapping, and analysis of natural landscapes, including airphoto interpretation, together with appropriate statistical exercises.
27.812 Human Geography

Prerequisite: 27.813.

Spatial structure and social organization in human geography with some emphasis on Australasia and South-East Asia. Pre-urban societies; urbanization in underdeveloped and industrialized societies; the urban growth process; location, size and spacing of settlements; the economic and social structure of urban areas; geographical perspectives on urban problems.

Includes laboratory classes on relevant methodology applied to local examples and a compulsory field tutorial.

27.813 Geographic Methods

Prerequisites: 27.801 and 27.802.

An introductory course in statistical procedures as used in both human and physical geography, including: measures of dispersion; measures of spatial distribution; time series; probability distributions; samples and estimates; hypothesis testing; correlation and regression; tests for distribution in space.

Textbook
Hammond R. & McCullagh P. S. Quantitative Techniques in Geography OUP*

27.822 Transportation Geography

Prerequisite: 27.812 and 27.813 or 15.072.

The analysis of the transportation system in terms of its relationships with economic and geographic indicators. Focus on network analysis, flow studies, modal systems, circulation theory, impact studies, transport and economic development, and the urban transportation problem.

Laboratory classes involve practical application of pertinent methodology, and seminars stress the consideration of major problem areas in transportation in Australia.

Textbook
Eliot-Hurst M. E. Transportation Geography McGraw-Hill*

27.823 Urban Geography

Prerequisite: 27.812 and 27.813.

The geography of cities in the context of economic and cultural systems, social and political processes, and historical perspectives. Topics: foundations of urban geography; the city in underdeveloped countries and planned economies; the city as an ecosystem; problems of urban size; growth centres and urban planning; interurban and intraregional movement and linkages; urban residential preferences and spatial differentiation; urban environmental quality and the perceived urban environment. Weekly seminars, and laboratory and fieldwork of a practical nature to include urban survey techniques.

27.840 Agricultural Geography

Prerequisite: 27.812 and 27.813 or 15.603 or 53.204 or 51.542.

Physical, economic, political, and other cultural factors involved in origin and change of agricultural landscapes. Spatial patterns of agriculture as the result of individual and group decisions. Innovation diffusion as the process of farming change. Problems of agricultural modernization in South East Asia. Planning in rural areas, especially the impact on agriculture of competing land uses. Examples mainly drawn from Australasia.

Workshop/seminar classes include treatment of methods of inquiry into agricultural geographical problems and discussion of selected topics.

27.841 Population Geography

Prerequisite: 27.812 and 27.813 or 53.204.

Population growth and contrasts in growth patterns between underdeveloped, modernizing and developed countries. Growth dynamics and their relation to physical and human resources.

Group B‡

27.820 Location Studies

Prerequisite: 27.812 and 27.813 or 15.072.

Transport costs and location; the spatial distribution of resources and markets and the effects on the location of the firm. Patterns of industrial and residential location. Agglomeration economies and the effect on location patterns. Location patterns in underdeveloped countries. Location policies and problems in capitalist and centrally-planned economies.

27.821 Marketing Geography

Prerequisite: 27.812 and 27.813 or 15.072.

The relationship between consumer spatial behaviour and the pattern or structure of marketing establishments. Organization and operation of the marketing function with emphasis upon the pattern of consumer oriented enterprises and the structure of market areas in intra-urban areas. Spatial behaviour of consumers including search and decision processes. Workshop seminars on term project, analytical techniques and issues raised in lectures.

‡See Notes 1 and 2.

*Paperback.
The demographic transition as a unifying theme. Population densities in urban and rural areas: case studies are drawn mainly from Western Europe, Southeast Asia and Australia. Social and economic factors in international and internal migration. Spatial interaction between the populations of rural areas and cities, and between cities. Fertility and mortality variations within and between regions, countries and cities. Urbanization of population. Stable and stationary population theory. World population problems. Workshop tutorials are intended for Honours students in their third year. Research laboratory/workshop sessions include the study of maps and air photographs of typical environments: local environmental problems are investigated in the field.

**Textbooks**
Wilson M. G. A. *Population Geography* Nelson *
Zelinsky W., Kosinski L. A. & Mansell Prothero R. *Geography and a Crowding World* OUP

**27.842 Social Geography**
Prerequisite: 27.812 and 27.813 or 53.204.
The relationship of spatial and social structures in rural and urban contexts. Emphasis on social processes producing spatial patterns with themes such as 'community', 'neighbourhood', urbanization, social deprivation, inequality, segregation of minorities, and the results of social area studies. Cultural influences in the rate and form of urbanization. Rurality and urbanism as 'ways of life'. Relation of overseas experience to Australian society.

Workshop sessions include treatment of census data handling, questionnaire construction, interviewing, and participant observation and other unobtrusive techniques, plus discussion of selected topics.

**Group C‡**

**27.860 Landform Studies**
Prerequisite: 27.811 and 27.813.
The study of landforms, with particular reference to Australian examples. Geomorphic regions. Planation surfaces and processes and associated weathering features. The evolutionary and dynamic approaches to landforms, with particular reference to fluvial landforms. Coastal processes and forms. Desert landforms. Landforms as evidence of climatic change.

**Textbooks**
Bird E. F. C. *Coasts* ANUP *
Mabbutt J. A. *Desert Landforms* ANUP *
Morisawa M. *Streams, their Dynamics and Morphology* McGraw-Hill *

**27.862 Australian Environment and Land Resources**
Prerequisite: 27.811 and 27.813.
Regional patterns of natural land and water resources of Australia. Climatic, geomorphic, soil and biotic factors affecting past, present and potential modes of land use and stability of primary production. Conditions of the physical environment which favour or impede productive utilization and further development of land, marine, freshwater and energy resources under a changing technology. Problems of avoiding degradation of land quality and natural ecosystems. Case studies from distinctive environmental settings in Australia. Laboratory/workshop sessions include the study of maps and air photographs of typical environments: local environmental problems are investigated in the field.

**Textbook**
CSIRO *The Australian Environment* MUP

**27.863 Soils, the Ecosystem and Man**
Prerequisite: 27.811 and 27.813.
Soils as an expression of endogenic and external factors and of physical and biological controls, and as a bridge between the physical environment and man's use of the land. Materials and properties of soils. Soils in the ecosystem: interrelationships between soil and climatic, biotic and geomorphic features of the environment. Constraints imposed by soil properties on land use, in both rural and urban settings. Man's effect on the soil, and its consequences, eg, soil pollution, disturbance of soil-moisture and nutrient cycles, soil depletion and erosion.

These themes will be co-ordinated in the study of regional examples in Australia and South-East Asia. There are laboratory workshops, field excursions and group projects.

**Textbooks**
Fitzpatrick E. A. *An Introduction to Soil Science* Oliver & Boyd
Holmes J. *Man and the Environment: Regional Perspectives* Longman

**Advanced Level units**

**Group A**

**27.880 Advanced Geographic Methods**
Prerequisites: Graded Passes in 27.813, and in 27.811 or 27.812.
Additional quantitative research techniques normally taken by intending Honours students in their third year. Research organization; computing including Fortran; collection and organization of data; statistical description; hypothesis testing and sampling; simple and multiple association analysis; non-parametric methods.

**Textbooks**
Blatt J. M. *Introduction to Fortran IV Programming* Goodyear
King L. J. *Statistical Analysis in Geography* Prentice-Hall

§Not offered in 1977.
§See Notes 1 and 2.
*Paperback.
Group B†

27.830  
**Location Studies (Advanced)**  
Prerequisites: Graded passes in 27.812 and 27.813.  
As for 27.820 Location Studies, with additional and more advanced work.

27.831  
**Marketing Geography (Advanced)**  
Prerequisites: Graded passes in 27.812 and 27.813.  
As for 27.821 Marketing Geography with additional work on periodic markets, experimental design and scaling techniques.

27.832  
**Transportation Geography (Advanced)**  
Prerequisites: Graded passes in 27.812 and 27.813.  
As for 27.822 Transportation Geography with additional and more advanced work.

27.833  
**Urban Geography (Advanced)**  
Prerequisites: Graded passes in 27.812 and 27.813.  
As for 27.823 Urban Geography with additional and more advanced work.

27.850  
**Agricultural Geography (Advanced)**  
Prerequisites: Graded passes in 27.812 and 27.813.  
As for 27.840 Agricultural Geography with additional lecture/tutorials, especially relating to agricultural change in Australia.

27.851  
**Population Geography (Advanced)**  
Prerequisites: Graded passes in 27.812 and 27.813.  
As for 27.841 Population Geography with additional and more advanced work on techniques of spatial population analysis.

Group C†

27.870  
**Landform Studies (Advanced)**  
Prerequisites: Graded passes in 27.811 and 27.813.  
As for 27.860 Landform Studies, with additional and more advanced work, including selected studies of geomorphic processes and of man's influence on those processes.

27.872  
**Australian Environment and Land Resources (Advanced)**  
Prerequisites: Graded passes in 27.811 and 27.813.  
As for 27.862 Australian Environment and Land Resources plus further study based on additional seminars and reading. Additional topics include 1. environmental bases for reserving land and water resources for forestry, water supply, wildlife protection, and recreation, and 2. conflicting demands in regional resource development.

27.873  
**Soils, the Ecosystem and Man (Advanced)**  
Prerequisites: Graded passes in 27.811 and 27.813.  
As for 27.863 Soils, the Ecosystem and Man, with additional and more advanced work.

Honours Level units

27.890  
**Thesis and Associated Seminars**  
Prerequisites: Graded passes in 3 Advanced Level units in Geography. Co-requisite: 27.891 or 27.892 or 27.893.  
Honours students in their final year are required to prepare a thesis of not more than 20,000 words and to attend a series of seminars on their thesis and supporting topics. The thesis topic must be approved by the Head of the School during the second half of the year preceding entry into the final year, while the thesis must be submitted before the examination period in November of the final year. It is expected that research work for the thesis is undertaken during the summer vacation preceding the final year.

27.891  
**Honours Economic Geography**  
Prerequisites: Graded passes in 3 Advanced Level units in Geography. Co-requisite: 27.890.  
Approaches to the study of the space economy with emphasis on spatial problems of economic growth and development. Problems raised are viewed from a planning perspective.

Textbooks  
Richardson H. W. *Regional Growth Theory* Macmillan

27.892  
**Honours Human Geography**  
Prerequisites: Graded passes in 3 Advanced Level units in Geography. Co-requisite: 27.690.  
†See Notes 1, 2 and 3.
Changing view of the man-land theme within human geography in the twentieth century. The decline and resurrection of humanistic perspectives. The impact of quantification and theory-building. The above themes are developed through consideration of such substantive areas as population-resource relationships; urbanism; environmental perception, social problems and social change.

27.893
Honours Physical Geography
Prerequisites: Graded passes in 3 Advanced Level units in Geography. Corequisite: 27.890.

Advanced studies in a branch of physical geography appropriate to the area of research chosen for the thesis.

Applied Geology

Undergraduate Study

25.011
Geology I

Physical Geology
The origins, structure and main surface features of the earth; geological cycle—processes of erosion, transportation, sedimentation and lithification. Surface and sub-surface water. Weathering, lakes, rivers, glacial phenomena. Vulcanism, earthquakes, orogenesis and epeirogenesis, integrated theory of plate tectonics and continental drift.

Crystallography and Mineralogy

Petrology
Field occurrence, lithological characteristics and structural relationships of igneous, sedimentary and metamorphic rocks. Introduction to coal, oil and ore deposits.

Stratigraphy and Palaeontology
Basic principles of stratigraphy; introductory palaeontology. The geological time scale. The geological history of the Australian continent and more specifically that of New South Wales in introductory outline.

Practical Work
Preparation and interpretation of geological maps and sections. Map reading and use of simple geological instruments. Study of simple crystal forms and symmetry. Applied stereoscopic projection, identification and description of common minerals and rocks in hand specimen. Recognition and description of examples of important fossil groups. Supplemented by three field tutorials, attendance at which is compulsory.

Textbooks
Black R. M. Elements of Palaeontology CUP
Rutley F. Elements of Mineralogy Read H. H. ed Murby
Tyrrell G. W. The Principles of Petrology Methuen

25.151
Geoscience IA
Prerequisite: HSC Science 2s or better.

For students who do not intend studying geology beyond first year. The first part, during Session 1, is identical to the first part of 25.111 Geoscience, but during Session 2 certain additional topics are presented, while others are treated in less depth than in 25.111 Geoscience. No further units in Geoscience are available after this course.

Physical Geology

Crystallography and Mineralogy

Petrology
Field occurrence, lithological characteristics and structural relationships of igneous, sedimentary and metamorphic rocks. Coal, oil and ore deposits.

Stratigraphy and Palaeontology
Basic principles of stratigraphy; introductory palaeontology. The geological time scale. The geological history of the Australian continent and more specifically that of New South Wales in introductory outline.

Practical Work
Preparation and interpretation of geological maps and sections. Map reading and use of simple geological instruments. Study of simple crystal forms and symmetry. Identification and description of common minerals and rocks in hand specimen. Recognition and description of examples of important fossil groups. Supplemented by two half day and two full day field tutorials, attendance at all of which is compulsory.

Textbooks
Rutley F. Rutley's Elements of Mineralogy Read H. H. ed Murby London
Tyrrell G. W. The Principles of Petrology Methuen

113
25.161 Geoscience IB

For students who do not intend studying geology beyond first year, and who do not possess the prerequisites for Geoscience 1A.

Physical Geology.


Crystallography and Mineralogy


Petrology

Field occurrence, lithological characteristics and structural relationships of igneous, sedimentary and metamorphic rocks. Introduction to coal, oil and ore deposits.

Stratigraphy and Palaeontology

Basic principles of stratigraphy. Introductory palaeontology. The geological time scale. The geological history of the Australian continent and more specifically that of New South Wales in introductory outline.

Practical Work

Preparation and interpretation of geological maps and sections. Map reading and use of simple geological instruments. Study of simple crystal forms and symmetry. Identification and description of common minerals and rocks in hand specimen. Recognition and description of examples of important fossil groups. Supplemented by two half day and two full day field tutorials, attendance at all of which is compulsory.

Textbooks

Rutley F. Rutley's Elements of Mineralogy Read H. H. ed Murby
Tyrrell G. W. The Principles of Petrology Methuen

25.012 Geology IIA

Structural Geology

Origin, classification and description of structures in sedimentary, igneous, and metamorphic rocks. Stereographic projection of structural elements, and analysis of simple fracture and fold systems. Tectonics.

Mineralogy, Igneous and Metamorphic Petrology


Practical Work

Mesoscopic and microscopic examination of rock forming and ore minerals, igneous and metamorphic rocks.

Photogeology

The use of air photos for geological mapping and geomorphic evaluation of land. Techniques and principles of photo interpretation, multiband photography; landform genesis and photo interpretation of folds, faults, joints, bedding, limestone, intrusive igneous rocks, volcanics, alluvial fans and terraces, slopes, landslides, coastal arid and tropical landforms; relations between geology, drainage, soil and vegetation; orebody expression, gossans, colouration halos.

Structural Geology

Textbooks

Hobbs B. E., Means W. D. & Williams P. F. Outline of Structural Geology Wiley
Ragan D. M. Structural Geology: An Introduction to Geometrical Techniques 2nd ed Wiley

Mineralogy, Igneous and Metamorphic Petrology

Textbooks

Bloss F. D. An Introduction to the Methods of Optical Crystallography Holt Rinehart & Winston
Mason B. & Berry L. G. Elements of Mineralogy Freeman & Co
Hyndman P. W. Petrology of Igneous and Metamorphic Rocks McGraw-Hill
Fyfe W. S. Geochemistry OUP
Peel W. A., Howie R. A. & Zussman J. An Introduction to the Rockforming Minerals Longman

Photogeology

Textbook

Von Bandt H. F. Aerogeology Gulf Publishing Company

25.022 Geology IIIB

Stratigraphy and Palaeontology

Stratigraphy

Flow regime and bedding forms including flume experiments, sedimentary structures. Modern and ancient environments of deposition: fluvial, deltaic coastal, shelf, slope and deep sea environments. The facies concept. Stratigraphic principles. Fold Belts, geosynclines and their interpretation by plate tectonics models. Stratigraphic and structural development of a fold belt (Lachlan Fold Belt) and an intracratonic basin (Sydney Basin).

Palaeontology

Morphology and stratigraphic distribution of the Protozoa, Porifera, Coelenterata, Bryozoa, Brachiopoda and Mollusca. Practical examination of representative fossils from each phyla.

Textbooks

Dunbar C. O. & Rodgers J. Principles of Stratigraphy Wiley
Moore R. C., Lalicker C. G. & Fletcher A. G. Invertebrate Fossils McGraw-Hill
German

Undergraduate Study

Students intending to major in German are strongly advised to choose at least some of their supporting units for the degree from the Western European Studies program set out earlier in this handbook.

All units offered by the School of German (with the exception of 64.501 German IA and 64.504 German Honours, which are double units) are twenty-eight week units.

Possible sequences in the School of German (M = major sequence),

<table>
<thead>
<tr>
<th>Level I</th>
<th>Upper Level</th>
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<tr>
<td>German IA</td>
<td>German IIA/B</td>
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<tr>
<td>German IA (M)</td>
<td>German IIA/B/C (M)</td>
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<tr>
<td>German IIA/B/C/D (M)</td>
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<tr>
<td>German IB/C</td>
<td>German IIC</td>
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<tr>
<td>German IIC</td>
<td>German IIA</td>
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<tr>
<td>German IIA (M)</td>
<td>German IIA/B (M)</td>
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<tr>
<td>German IIA/B/C (M)</td>
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<tr>
<td>German IIA/B/C/D (M)</td>
<td></td>
</tr>
<tr>
<td>German IIB/C</td>
<td>German IIC/D/E</td>
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<tr>
<td>German IIC/D/E</td>
<td>German IIA</td>
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<tr>
<td>German IIA/B (M)</td>
<td>German IIA/B/C (M)</td>
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<tr>
<td>German IIA/B/C/D (M)</td>
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</tbody>
</table>

The following special sequences are available only to native German speakers:

<table>
<thead>
<tr>
<th>German IB/C</th>
<th>German IID</th>
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<tbody>
<tr>
<td>German IID</td>
<td>German IIB</td>
</tr>
<tr>
<td>German IID</td>
<td>German IIB/C (M)</td>
</tr>
<tr>
<td>German IIB/C (D)</td>
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</tbody>
</table>

Additional sequence available to students from other Faculties:

| German IA | German IIA |

Upper Level units

64.501
German IA—Introductory German

This course of 6 hours per week is intended to provide students who have no previous knowledge of the language with a sound basis of spoken and written German and to introduce them to German literature and culture. Students wishing to proceed to German IIA must successfully complete a study program during the long vacation prior to enrolment.

Textbooks
Brech B. Kalendergeschichten Rowohlt
Deutsch 2000:
Band 1 and Band 2. Hueber
Arbeitsbuch to Band 1 and Band 2. Hueber
Glossar Englisch to Band 1 and Band 2. Hueber
Leseliteratur 1 and 2: Graded German Reader Hueber
Sprechübungen: Textheft to Band 1 and Band 2. Hueber
Grammar of Contemporary German 1-3 Hueber
For students proceeding to 64.502 German IIA:
Andersch A. Süsser Hexagone
Dürrenmatt F. Romulus der Große Methuen
Lenz S. Das Feuerschiff dtv

64.511
German IB

Prerequisite: At least a Second Level Pass in German at the Higher School Certificate or its equivalent. Co-requisite: 64.521.

Three hours per week practical language work

Textbooks
Deutsch 2000:
Band 3. Hueber
Glossar Englisch to Band 3. Hueber
A Grammar of Contemporary German: Deutsch-Englisch Hueber
Schapers R. Deutsche Kultur Band 3 (BRD und DDR) Hueber
Russin L. J. Complete German Course for First Examinations Longman

64.521
German IC

Prerequisite: as for 64.511. Co-requisite: 64.511.

Three hours per week; a survey of German literature and a detailed study of selected literary texts.

Textbooks
Brech B. Das Leben des Galilei Ullstein
Brech B. Das Verhör des Lukullus Suhrkamp
Chamisso A. v. Peter Schlemihls wundersame Geschichte Reclam
Eichendorff J. v. Aus dem Leben eines Taugenichts Reclam
Hoffmann E. T. A. Der Sandmann Reclam
Mann T. Erzählungen I Fischer
Schmitzler A. Anatol. Der grüne Kakadu Reclam
Penguin Book of German Verse
Tieck L. Der blonde Eckbert Reclam

Upper Level units

64.502
German IIA

Prerequisite: 64.501. Co-requisite: (for Arts students only) 64.522.

Three hours per week practical language work. Students wishing to proceed to 64.503 German IIIA must successfully complete a study programme during the long vacation prior to enrolment.

Textbooks
As for 64.511.

64.512
German IIA (Advanced)

As for 64.502 German IIA, but with an additional hour per week advanced language work.

Textbooks
As for 64.511, and in addition:
Brech B. Kalendergeschichten Rowohlt
Rado M. ed Begegnungen von A bis Z Heinemann latest ed
64.522
German IIB
Prerequisite: 64.501. Co-requisite: 64.502.
Three hours per week: a survey of German literature and a
detailed study of selected literary texts.

Textbooks
As for 64.521.

64.532
German IIC
Prerequisite: 64.511.
Two hours per week practical language work plus one hour
per week to be chosen from the list of options in language,
literature and civilization offered by the School each year.
Note: Native German speakers who have passed 64.511
German IB and 64.521 German IC may not enrol in 64.532
German IIC or 64.503 German IIIA.

64.542
German IID
Prerequisite: 64.511 and 64.521. Co-requisite: (except for
native German speakers) 64.532.
Three hours per week selected from the list of options in
language, literature and civilization offered each year by the
School.

Options for 1977

A Politische Geschichte Deutschlands 1918-1977 (1 hour per
week)

Textbooks
Herzfeld H. Die Weimarer Republik Ullstein
Hillgruber A. Deutsche Geschichte seit 1945 Ullstein
Mann G. Deutsche Geschichte 1919-1945 Fischer
Vogelsang T. Die NS-Zeit Ullstein

B Geschichte der deutschen Literatur (1 hour per week)
Session One: Das 19. Jahrhundert
Session Two: Vom Naturalismus zur Gegenwart

Textbook
Glasner H. R. et al Wege der deutschen Literatur Ullstein

C Seminars in Language, Literature and History (2 hours per
week)

First seven weeks
1. Theodor Storm

Textbooks
Storm T. Aquis submersus Reclam
Storm T. Carsten Curator Reclam
Storm T. Der Schimmelreiter Reclam
Storm T. Hans und Heinrich Kirch Reclam
Storm T. Immensee und andere Novellen Reclam

2. Friedrich Hebbel

Textbooks
Hebbel F. Herodes und Marianne/Gyges und sein Ring
Goldmann
Hebbel F. Maria Magdalena/Agnes Barnauer Goldmann

3. Heinrich Heine

Textbooks
Heine H. Beiträge zur deutschen Ideologie Ullstein
Heine H. Gedichte Reclam
Heine H. Reisebilder Goldmann

4. Drama des Naturalismus

Textbook
Müller A. & Schlien H. eds Dramen des Naturalismus Lechte

5. Die deutsche Revolution von 1848

Textbooks
Jessen H. v. Die deutsche Revolution 1848/1849 in Augen-
zugenberichten dtv
Obermann K. Flugblätter der Revolution dtv
Vossler O. Die Revolution von 1848 Suhrkamp

Second seven weeks
6. Fairy Tale and Reality

Textbooks
Büchner G. Leonco und Lena Reclam
Chamisso A. v. Peter Schlemihls wundersame Geschichte
Reclam
Hoffmann E. T. A. Der goldene Topf Reclam
Hofmannsthal H. v. Das Märchen der 672. Nacht Fischer
Tieck L. Der blonde Eckbert Reclam

7. Introduction to Semantics

Textbook
Blanke G. H. Einführung in die semantische Analyse Hueber

8. Deutsche Lyrik 1890-1915

Textbooks
George S. Gedichte Reclam
Hofmannsthal H. v. Gedichte Insel Bücherei
Rilke R. M. Gedichte Reclam
Other texts supplied by the school

9. Literaturtheorie

Textbook
Hauff, Heller, Hüppauf, Köhn, Philippi. Methodendiskussion
1/2 Fischer

10. to be announced
Third seven weeks

11. History of the German Language
Textbook
Chambers W. & Wilkie J. R. A Short History of the German Language Methuen

12. Psychologie und Politik: Arthur Schnitzler
Textbooks
Schnitzler A. Casanovas Heimfahrt Fischer
Schnitzler A. Das weite Land/Professor Bernhardt Fischer
Schnitzler A. Liebelei/Reigen Fischer

13. Capitalism and Self-Realisation in the Plays of Carl Sternheim and Georg Kaiser
Textbooks
Kaiser G. Die Koralle/Gas I and II Harrap
Sternheim C. Die Hose/Der Snob Fischer
Sternheim C. 1913 Reclam

14. Die deutsche Revolution 1918/1919
Textbooks
Schneider D. & Kuda R. Arbeiterräte in der Novemberrevolution Suhrkamp
Schulz G. Revolution und Friedensschlüsse 1917-1920 dtv

15. Einführung in die Literatur der DDR—Kurzprosa
Textbooks
Hohendahl P. U. ed Literatur und Literaturtheorie in der DDR Suhrkamp
Schmitt D. & H. J. Schmitt eds Neue Erzähler der DDR Fischer
Schmidt H. J. ed Neunzehn Erzähler der DDR Fischer

Fourth seven weeks

16. Einführung in die mittelhochdeutsche Literatur
Textbooks
Asher J. A. A Short Descriptive Grammar of Middle High German OUP
Hartmann von Aue Der arme Heinrich Reclam
Neumann F. ed Deutscher Minnesang Reclam

17. Novels of the German Democratic Republic
Textbooks
Heym S. Der König David Bericht Fischer
Kant H. Die Aula Fischer
Wolf C. Nachdenken über Christa T Luchterhand

18. Das deutsche Hörspiel
Textbooks
Dürrenmatt F. Gesammelte Hörspiele Arche
Eich G. Fünfzehn Hörspiele Suhrkamp
Hörspiele von I. Aichinger u.a. Fischer

19. to be announced

20. Lion Feuchtwanger—Erfolg: Roman und gesellschaftliche Wirklichkeit
Textbook
Feuchtwanger L. Erfolg Fischer

D Advanced German for Native Speakers (1 hour per week)

64.552
German IID (Advanced)
As for 64.542 German IID, but with an additional hour per week selected from the list of options.

64.562
German IIE
Prerequisite: 64.511 and 64.521. Co-requisite: 64.542.
Two additional hours per week selected from the options listed under 64.542 German IID.

64.572
German IIE (Advanced)
As for 64.562, but with an additional hour per week selected from the list of options.

64.503
German IIIA
Prerequisite: 64.502 or 64.532.
Two hours per week practical language work plus one hour per week to be chosen from the list of options in language, literature and civilization offered by the School.

64.513
German IIIB
Prerequisite: 64.502 or 64.532. Co-requisite: (except for native German speakers) 64.503.
Three hours per week selected from the list of options under 64.542 German IID.

64.523
German IIIB (Advanced)
As for 64.513 German IIIB, but with an additional hour per week selected from the list of options.

64.533
German IIIC
Prerequisite: 64.502 or 64.532. Co-requisite: 64.513.
Two additional hours per week selected from the options listed under 64.542 German IID.
64.543
German IIIC (Advanced)
As for 64.533 German IIIC, but with an additional hour per week selected from the list of options.

64.553
German IID
Prerequisite: 64.502 or 64.532. Co-requisite: 64.533.
Two additional hours per week selected from the options listed under 64.542 German IID.

64.563
German IIID (Advanced)
As for 64.553 German IIID, but with an additional hour per week selected from the list of options.

Honours Level units

64.504
German (Honours)
Prerequisite: Six Upper Level units in German, including a Pass at Credit Level or better in 64.503 German IIIA (except in the case of native German speakers), 64.523 German IIIB (Advanced Level), 64.543 German IIIC (Advanced Level) and 64.563 German IIID (Advanced Level) or 64.572 German IIE (Advanced Level).

Students proceeding from 64.511 German IB and 64.521 German IC who have passed 64.552 German IID (Advanced Level) at Credit Level or better may, with the approval of the Head of School, substitute Advanced Level units in other subjects for 64.563 German IIID (Advanced Level) and/or 64.543 German IIIC (Advanced Level).

Note: Only five Upper Level units are available to native German speakers. To qualify for admission to Honours Level, they must, in addition to the prerequisites above, have passed an Advanced Level unit in another School at Credit Level or better.

Three 7-week literature seminars, a weekly staff-student seminar and two hours per week practical language work. In addition, a short thesis must be submitted.

Additional Upper Level units

64.600
German Literature and Society in the Twentieth Century
Prerequisite: Approval to enrol in this unit should be obtained from the School of German.

Upper Level unit. One two-hour seminar-discussion weekly. For students with no knowledge of German who wish to study some of the most significant works of German literature. The texts to be studied have been chosen with a view to their social and political relevance, and this aspect is stressed in seminar discussions.

Textbooks
Brecht B. Life of Galileo Methuen
Brecht B. Mother Courage Methuen
Brecht B. The Good Woman of Setzuan Methuen
Brecht B. The Measure Taken Methuen
Dürrenmatt F. The Physicists French
Dürrenmatt F. The Visit Cape
Frisch M. Andorra Methuen
Frisch M. The Fire-Raisers Methuen
Grass G. The Tin Drum Penguin
Hesse H. Journeys to the East Panther
Hesse H. The Glass Bead Game Penguin
Kafka F. The Castle Penguin
Kafka F. The Trial Penguin
Mann T. Death in Venice and other Stories Penguin
Mann T. Dr. Faustus Penguin
Weiss P. Marat/Sade Calder & Boyars

64.610
German Literature and Society
Prerequisite: Approval to enrol in this unit should be obtained from the School of German.

Not offered in 1977.

Upper Level unit. One two-hour seminar-discussion weekly. For students with no knowledge of German who wish to study some of the most significant works of German literature. The texts to be studied have been chosen with a view to their social and political relevance, and this aspect will be stressed in seminar discussions.

Textbooks
Boil, H. Billiards at half past nine Calder
Canetti E. Auto-da-fé Penguin
Fontane T. Effi Briest Penguin
Grass G. Cat and Mouse Penguin
Hoffmann E. T. A. The Best Tales Dover Books
Kafka F. Metamorphosis and other Stories Penguin
Kleist H. v. Prince Frederick of Homburg Barron
Mann H. The little town Ungar
Mann T. The Magic Mountain Penguin
Schnitzler A. Vienna 1900—Games with Love and Death Penguin
Willeit J. Expressionism World University Library
problems of historical explanation as well as to the techniques of writing history, and to the variety of approaches to specific historical problems relevant to the particular courses.

The Pass student, in each of the three undergraduate years is required to attend two lectures and one tutorial each week, while the intending Honours student attends additional seminars in his second and third years and devotes a fourth, additional year to special honours work, which includes the writing of a thesis. Most of the student's working time, however, will be spent in the University library, reading the books prescribed for his course, preparing papers to be read at tutorials and seminars, and writing the essays required in his course.

The basic division within the courses offered by the School of History is that those offered at Level I, and those available at Upper Level. The prerequisite for admission to an Upper Level unit is a Pass in a Level I double unit in the School of History, or its equivalent. At Level I, certain basic skills are taught in relation to the writing and referencing of papers and essays, which are then taken for granted at Upper Level courses. At the same time, in Level I courses, the student is introduced to approaches, techniques and requirements and is expected to build on these foundations a more mature and refined handling of his subject, and to develop his own techniques for coping with the widening variety and increasing volume of source materials to which he will be introduced: he is also encouraged to extend his own initiatives in relation to the historical enquiries in which he is engaged. A much greater proficiency in all these respects is required of intending honours students, and especially of those who wish to further their studies by becoming postgraduate students working towards the MA or PhD degree.

The minimum number of units for a major in the School of History is six. A Pass student in the School of History may take no more than one Level I double unit, no more than four double units altogether, and no more than two Upper Level units in the School of History simultaneously.

**Graduate Study**

**64.501G**
**64.502G**

Master of Arts (Pass)

In these units candidates are required to attend two 21-hour seminar courses on literature or linguistics and a staff-student seminar on critical method, and to undertake such practical language work as the School considers necessary. In addition, a short thesis of approximately 20,000 words on a literary or linguistic topic must be submitted.

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**History**

**Undergraduate Study**

The School of History offers a variety of Level I, Upper Level and Advanced Level courses, giving students a wide choice of options at all levels. All courses are concerned with aspects of modern history, and are, in the main, related to periods and themes in Asian, Australian, British, European and American History. Attention is paid to general theories and problems of historical explanation as well as to the techniques of writing history, and to the variety of approaches to specific historical problems relevant to the particular courses.

The Pass student, in each of the three undergraduate years is required to attend two lectures and one tutorial each week, while the intending Honours student attends additional seminars in his second and third years and devotes a fourth, additional year to special honours work, which includes the writing of a thesis. Most of the student's working time, however, will be spent in the University library, reading the books prescribed for his course, preparing papers to be read at tutorials and seminars, and writing the essays required in his course.

The basic division within the courses offered by the School of History is that those offered at Level I, and those available at Upper Level. The prerequisite for admission to an Upper Level unit is a Pass in a Level I double unit in the School of History, or its equivalent. At Level I, certain basic skills are taught in relation to the writing and referencing of papers and essays, which are then taken for granted at Upper Level courses. At the same time, in Level I courses, the student is introduced to approaches, techniques and requirements and is expected to build on these foundations a more mature and refined handling of his subject, and to develop his own techniques for coping with the widening variety and increasing volume of source materials to which he will be introduced: he is also encouraged to extend his own initiatives in relation to the historical enquiries in which he is engaged. A much greater proficiency in all these respects is required of intending honours students, and especially of those who wish to further their studies by becoming postgraduate students working towards the MA or PhD degree.

The minimum number of units for a major in the School of History is six. A Pass student in the School of History may take no more than one Level I double unit, no more than four double units altogether, and no more than two Upper Level units in the School of History simultaneously.
51.511
History IB—The Emergence of Modern Europe, 1500—c. 1850

Some of the main formative influences in European history from the 16th to the mid-19th century. Three themes:


Textbooks
Beloff M. The Age of Absolutism, 1660-1815 Hutchinson *
Elliot J. H. Europe Divided, 1559-1599 Fontana *
Eton G. R. Reformation Europe, 1517-1559 Fontana *
Pennington D. Seventeenth Century Europe Holt Rinehart & Winston
Stowe J. Europe Unfolding, 1648-1688 Fontana *
Chadwick O. The Reformation Pelican History of the Church Vol 3 London UP *
Cobban A. The Social Interpretation of the French Revolution CUP *
Dickens A. G. Reformation and Society in Sixteenth Century Europe Thames & Hudson *
Gaggiardo J. Enlightened Despotism Crowell
Lefebvre G. The Coming of the French Revolution Princeton UP *
Rudé G. Revolutionary Europe 1783-1815 Fontana *
Williams E. N. The Ancien Régime in Europe Pelican *

51.521
History IC—Australia in the Nineteenth Century

The colonial period of Australian history from the arrival of the first fleet to the federation of the six colonies. Social, cultural and political developments. Major historiographical themes and problems.

Session 1: Towards Self-Government.
Topics include: the British background; the convicts; the Macquarie era; the pastoral expansion; the emergence of Australian literature; immigration; gold; responsible government.

Session 2: Towards Nationhood.
Topics include: life in the cities/country; urbanization; technological advance; aborigines; the education debate; colonial culture; colonial liberalism; racism; the federal movement; the end of colonialism.

Textbooks
Blainey G. The Tyranny of Distance Sun Books *
Clark C. M. H. A Short History of Australia Mentor *
Clark C. M. H. Select Documents in Australian History 2 vols A & R
Crowley F. K. ed A New History of Australia Heinemann *
Dixson M. The Real Malilda Penguin *
McQueen H. A New Britannia Penguin *
O'Farrell P. The Catholic Church in Australia Nelson *
Serle G. From Deserts the Prophets Come Heinemann *
Ward R. The Australian Legend OUP *
Inglis K. S. The Australian Colonists MUP

Upper Level units
51.532
History IIA—Modern India 1757-1976

Prerequisites: 51.501 or 51.511 or 51.521 or equivalent qualifications as determined by the School of History.

The social and political developments that have occurred in the Indian sub-continent since its initial encounter with the Modern West in the mid-18th Century.

Session 1: (a) The organization of traditional Indian society in the 18th century; the breakdown of that society under the impact of the West in the form of the European trading companies and its subsequent conquest by the British. (b) The social and political innovations of the British Raj and the response thereto of the different elements in Indian society—in terms of both socio-economic and ideological adaption. (c) The beginnings of a new nationalist basis for the political integration of the region over the period 1885-1917.

Session 2: (a) The independence struggle against the Raj; decolonization and partition of the subcontinent into two nation-states India and Pakistan and the social developments influencing and accompanying these events [1918-1948]. (b) Independent South Asia In the contemporary world: Congress India—its political system and the stresses imposed thereupon by socio-economic developments since 1949, its foreign relations; Pakistan as an Islamic state: its unstable political system, oscillating between democracy and authoritarianism; its failure to contain Bengali separatism, its foreign relations. (c) The subcontinent: Perspectives, 1976: The problems facing the incumbent regimes in India, Bangladesh and Pakistan; alternative political forces in the region.

Textbooks
Cohn B. India: The Social Anthropology of a Civilization Prentice-Hall
de Bary W. M. T. ed Sources of Indian Tradition Vol II Columbia UP *

*Paperback.
51.542
History IIB—Australia in the Twentieth Century
Prerequisites: 51.501 or 51.511 or 51.521 or equivalent qualifications as determined by the School of History.

Major themes in Australian social and political history since 1900.

Session 1: The years 1900-1939.

Session 2: The period from 1939 to the present.

Textbooks
Alexander F. Australia Since Federation: A Narrative and Critical Analysis Nelson *
Crowley F. K. ed A New History of Australia Heinemann
Serle G. From Deserts the Prophets Come Heinemann *

51.552
History IIC—Modern Europe
Prerequisites: 51.501 or 51.511 or 51.521 or 15.711 or 64.521 or equivalent qualifications as determined by the School of History.

Society and International Relations of European States in the Twentieth Century. Social and economic developments; ruling and challenging ideologies; the coming, impact, and consequences for Europe of the First and Second World Wars, and Europe’s place in the wider world.

Textbooks**
Albrecht-Carrié R. A Diplomatic History of Europe 2nd ed University Paperback *
Crouzet M. The European Renaissance Since 1945 Thames & Hudson
Gathorne-Hardy G. M. A Short History of International Affairs 1920-1939 4th ed RIA OUP
Grenville J. A. S. The Major International Treaties 1914-1973 University Paperback *
or
Roberts J. M. Europe 1880-1945 *

51.562
History IID—Southeast Asian History
Prerequisites: 51.501 or 51.511 or 51.521 or equivalent qualifications as determined by the School of History.

Session 1: Southeast Asian Societies, and the European Impact.
The major features of the societies of Southeast Asia up to the early 20th century. Their historical development, religions, and political and economic structures, and the changes occurring with the advent of the Europeans. Emphasis on developments in the 19th century.

Session 2: Nationalism, Revolution and Independence.
The social changes, and the development and nature of nationalist movements in Southeast Asian societies during and after British, Dutch and French colonial rule in the 20th century. Includes Indonesia, Malaysia, Vietnam and Thailand.

Textbooks
Cady J. F. Southeast Asia: Its Historical Development McGraw-Hill
Legge J. D. Indonesia Prentice-Hall
Steinberg D. J. ed In Search of Southeast Asia: A Modern History Praeger

51.572
History IIE—A History of the United States
Prerequisites: 51.501 or 51.511 or 51.521 or equivalent qualifications as determined by the School of History.

The modern historical development of the United States. Although some consideration will be given to the history of the country during the colonial period, the main emphasis of the course is upon political, social and economic developments since 1776; how, why, when and with what results thirteen English Colonies were consolidated into the single, powerful, industrial nation of today. Part 1: 1760-1877; Part 2: 1877-1974.

Textbooks
Commager H. S. ed Documents of American History 8th ed

51.582
History IIF—Modern China 1840-1949
Prerequisites: 51.501 or 51.511 or 51.521 or equivalent qualifications as determined by the School of History.

The traditional Chinese state; the problems brought about by the coming of the Westerners and Chinese attempts at their solution. The Taiping and Boxer Rebellions. The fall of the empire; the New Culture Movement; the rise and fall of the Kuomintang and the rise of the Chinese Communist Party.

Textbooks
Sohrmann F. China Readings I and II Pelican
Hsü I. C. Y. The Rise of Modern China OUP
Ch'en J. Mao and the Chinese Revolution OUP *
Fitzgerald C. P. The Birth of Communist China Pelican
Schram S. Mao Tze-tung Pelican

51.592
History IIG—Britain since 1760
Prerequisites: 51.501 or 51.511 or 51.521 or equivalent qualifications as determined by the School of History.

Certain major themes in the political, social, and economic history of Britain since 1760. The industrial and demographic
revolutions, the growth of democracy and the evolution of the Westminster system of Government, the emergence and development of class consciousness and political radicalism, the growth of institutions of social control, social welfare and local government, changes in patterns of religion, morality, recreation, and family life, Anglo-Irish relations, and changes since the mid-eighteenth century in the role and significance of Britain in international affairs.

Textbooks
Kitson C. G. The Making of Victorian England Methuen
Hobsbawn H. J. Industry and Empire Pelican
Hollis P. ed Class and Conflict in Nineteenth Century England 1815-1850 Routledge
Perkin H. The Origins of Modern English Society 1780-1880 Routledge
Plumb J. H. England in the Eighteenth Century Pelican
Thompson E. P. The Making of the English Working Class 2nd ed Penguin

Advanced Level units

Students should note that Upper Level Courses listed are incorporated within Advanced Level Courses and separate enrolment is not required.

51.602
Muslim India (Advanced)
Prerequisites: 51.501(Cr) or 51.511(Cr) or 51.521(Cr).
51.532, plus
A series of seminars on the Political, Social and Economic History of the Muslims of South Asia, with special reference to the nineteenth and twentieth centuries. Investigates the pre-colonial structure of the Muslim community, and its responses to colonialism and modernization during British rule and later.

51.612
Australian Political History (Advanced)
Prerequisites: 51.501(Cr) or 51.511(Cr) or 51.521(Cr).
51.542, plus
A series of seminars on Australian political history from the late nineteenth century to the present. As well as focusing on important aspects of political history the seminars pay particular attention to the interpretative frameworks used by various authors in describing the course of Australian politics.

51.622
The Rise and Fall of the Lady in Australia (Advanced)
Prerequisites: 51.501(Cr) or 51.511(Cr) or 51.521(Cr).
51.542, plus
A series of seminars to examine changes in the images of, attitudes to, and roles of women in Australian society from the early days of white settlement until modern times. The central theme of the seminars is the concept of ‘the lady’, its contemporary significance, and the problems of historical research and interpretation raised in the exploration of this concept.

51.632
Immigration and Ethnicity in United States History 1880-1930 (Advanced)
Prerequisites: 51.501(Cr) or 51.511(Cr) or 51.521(Cr).
51.572, plus

51.642
South East Asian History (Advanced)
Prerequisites: 51.501(Cr) or 51.511(Cr) or 51.521(Cr).
51.562, plus
A study of the forces for and against the political, social and economic transformation of Indonesian society between 1942 and 1950.
A study of Vietnamese nationalist movements from the revolution of 1945 to the establishment de facto of two Vietnamese states.

51.652
Britain and the Middle East (Advanced)
Prerequisites: 51.501(Cr) or 51.511(Cr) or 51.521(Cr).
51.552, plus
A series of seminars covering the period from the late 19th Century to the 1956 Suez Crisis. British interests and policy in the region covered by present day Turkey, Iraq, Arabia, Iran, the Persian Gulf and Egypt; the problems arising from the First World War and the peace settlement; and the development of nationalistic antagonisms.

51.662
Reform and the Social Order in America, 1800-1860 (Advanced)
Prerequisites: 51.501(Cr) or 51.511(Cr) or 51.521(Cr).
51.572, plus
The major reform movements of the pre-Civil War decades: abolitionism, anti-slavery, temperance, prohibition, utopias, communes, religious revivalism, nativism, asylums and the women's movement. The relationship between these movements and social change. Reform is treated both as a response to the social disorder of Jacksonian America, and as a source of social conflict and change in society. The course analyses the motives of reformers, their social goals and purposes, the strategies and tactics they pursued, and the impact of reform movements on the political system as exemplified in the origins of the Civil War.
Subject Descriptions and Textbooks

51.672
Modern China 1840-1949 (Advanced)
Prerequisites: 51.501(Cr) or 51.511(Cr) or 51.521(Cr)
Includes the Upper Level History double unit, 51.582 Modern China plus 54.703, Selected Third World Leaders (Advanced) from the School of Political Science.

51.682
Social History and the British Industrial Revolution (Advanced)
Prerequisites: 51.501(Cr) or 51.511(Cr) or 51.521(Cr)
51.592, plus
A series of seminars introducing students to the discipline of social history through the study of a cluster of problems related to the origins and character of industrialization in Britain. Historiographically, the course explores the ways in which social history, as a sub-discipline, has made a specific contribution to the study of the Industrial Revolution. An integrated program of topics seeks to relate change and continuity in various aspects of British society—demographic, political, religious, recreational etc—to patterns of economic growth and development in the period c 1760-1840.

51.692
Weimar—and Nazi Germany (Advanced)
Prerequisites: 51.501(Cr) or 51.511(Cr) or 51.521(Cr)
51.552, plus
A series of Seminars on Germany between the wars. The introductory part deals with the collapse of Kaiser Germany at the end of World War I. The greatly polarized political life of Weimar Germany is analyzed in part two. The collapse of Weimar Germany and Hitler's rise to power. Hitler's domestic policies.

Honours Level units

51.703
History Honours
Prerequisites: three Advanced Level units (Cr).
A Honours students in their final year are required to prepare a thesis of not more than 20,000 words, which must be submitted before the Final Examinations in November.
B Students are required to take Historiography (History IVA) and either Manning Clark as Historian (History IVB), Revolution in Twentieth Century Peasant Societies (History IVC) or The Family and Feminism in Nineteenth Century Britain, America and Australia (History IVD).
History IVA Historiography: A series of seminars on Historiographical Themes.
History IVB Manning Clark as Historian.
History IVC Revolution in Twentieth Century Peasant Societies: Russia, China and India.
History IVD The Family and Feminism in Nineteenth Century Britain, America and Australia.

History and Philosophy of Science

Undergraduate Study
The division in educational curricula between science and the humanities obscures the fact that throughout history the natural sciences have been an integral component of general intellectual and cultural development. Until the nineteenth century, for example, the term 'philosophy' included science. It is no accident that science has flourished in times and places of dynamic cultural life—classical Greece, Renaissance Italy, eighteenth-century France, nineteenth-century Germany. One of the aims of HPS courses in the Faculty of Arts is to acquaint students generally with this relationship between science and cultural development.

Two pairs of wide-ranging units are offered in first year, one concerned with the history of cosmology and the other with the seventeenth-century scientific and intellectual revolutions. Both pairs serve, in a different way, as a general introduction to HPS. While it is anticipated that as a rule both units of one or other pair will be taken, students may, if they wish, combine one unit of one pair with one unit of the other pair, or simply include a single unit in their program. Students taking both units of a pair may, with special permission of the Head of School, have the Session 1 unit assessed with the Session 2 unit at the end of the academic year.

A variety of Upper Level units are offered. A number of units are of general interest and serve to complement courses offered by other Schools, such as Philosophy, Sociology and History. Other units are designed for students interested primarily in learning something of the internal history of the sciences and the principles of the philosophy and methodology of science. The only prerequisite for the more general units is the completion of four approved units. Other units have additional prerequisites as specified.

Besides the pass courses the School offers sequences leading to the Special Honours degree in the subject and participates in the provision of courses leading to Combined Honours degrees. Because of its many-sided character, HPS can be combined with most subjects in the Faculty of Arts in programs for the Combined Honours degree.

Employment opportunities for graduates in HPS are to be found in teaching, scientific reporting, curatorial work in museums, and in positions in industry and the public service concerned with science policy and the administration of science.

Level I units

62.201
The Modern History of Western Cosmology
The evolution of ideas about the structure and history of the universe at large, from the seventeenth century to the present. The genesis of contemporary theories including the speculations of investigators such as Wright, Kant and Herschel on the origin and structure of the Milky Way 'island universe'; Newton's system of the world; the mysterious planetary cosmos of Kepler; Galileo's crusade for the Copernican world system; the confrontation between: theology and cosmology, faith and reason.
Preparatory reading
Charon L. Cosmology IUP
Koestler A. The Sleepwalkers Penguin

Textbooks
Kuhn T. S. The Copernican Revolution Random House
Munitz M. K. ed Theories of the Universe Free Press

62.202
The History of Ancient and Renaissance Cosmology
The development of man's knowledge and understanding of the cosmos from the Babylonian genesis to the Copernican revolution. The emergence of ideas on earth- and sun-centred systems of the world from speculations in mythology, astrology and astronomy about the motions of the planets; Presocratic and Pythagorean concepts; Plato and the "problem of the planets"; the metaphysics and cosmology of Aristotle; Ptolemaic astronomy; Oriental and Arabian cosmology and the synthesis of Aristotelian cosmology and Christian doctrine; the Copernican revolution and its influence on the development of Western thought.

Textbooks
Munitz M. K. ed Theories of the Universe Free Press
Toulmin S. & Goodfield J. The Fabric of the Heavens Penguin

62.211
The Seventeenth Century Intellectual Revolution
The intellectual revolution, centred upon science of the seventeenth and early eighteenth centuries which led on to the Enlightenment. The Medieval and Renaissance background. Bacon and Baconianism; empiricism; experimentation and the virtual; the idea of progress. The mechanization of the world picture: Descartes and Cartesianism; rationalism; the revival of atomism; materialism.

Preparatory reading
Butterfield H. The Origins of Modern Science Bell

Textbooks
Kearney H. Science and Change 1500-1700 Weidenfeld & Nicholson
Smith A. C. R. Science and Society in the Sixteenth and Seventeenth Centuries Thames & Hudson

62.212
The Cultural Impact of the Seventeenth Century Scientific Revolution
Newton and Newtonianism: the "New Philosophy"; the implications of the new dynamics and astronomy; the mathematization of science. Science and religion: the decline of superstition and the growth of scepticism; the physico-theologians; deism and the argument from design. General topics: philosophy and methodology of science; the problem of certainty; literature, language and science; the battle of the ancients and moderns; the advent of the Age of Reason.

Preparatory reading and textbooks
As for 62.211.

Upper Level Units

62.203
The Freudian Revolution
After a brief survey of nineteenth-century conceptions of psychology and psychiatry, the subject traces the founding and development of psychoanalysis by Sigmund Freud and his associates. The reception of psychoanalytic theory by both the scientific community and the general public is considered, with particular attention to: the status of psychoanalysis as a science and its relation to other sciences; the development of alternative depth psychologies; and the application of psychoanalytic concepts in fields such as anthropology, history, literary criticism, and social and political theory.

Preparatory reading
Freud S. Five Lectures on Psycho-Analysis, in Two Short Accounts of Psycho-Analysis Penguin

Textbooks
Freud S. Introductory Lectures on Psycho-Analysis Penguin
Freud S. New Introductory Lectures on Psycho-Analysis Penguin

62.213
Marxism and Science
Weekly seminars and directed readings on Marxism and science. Topics: Marxist interpretations of scientific knowledge and its development, the claims of Marxism to be a science and the critique of non-Marxist philosophies of science, the nature and function of ideology in relation to scientific knowledge, and the requirements of a Marxist historiography of science; with the relative emphasis among these topics to be determined according to the interests of the class.

62.223
The Discovery of Time
Prerequisite: Completion of four Arts or other units approved by the School of History and Philosophy of Science.
The evolution of ideas concerning the age and history of the earth, devoting particular attention to the period from the seventeenth century to the present. Consideration is given to such questions as changing attitudes towards the authority of the scriptures, social theories, the concept of Nature, the rise of the Romantic Movement, and the important growth of historical consciousness that occurred during the eighteenth and nineteenth centuries, the intention being to provide an understanding of the intellectual setting within which geological theories and ideas about time developed.

Textbooks
Collingwood R. G. The Idea of History OUP
Geikie A. The Founders of Geology Dover
Gilispie C. C. Genesis and Geology Harper

62.242
Introduction to the History of Ideas
Prerequisite: Any four Level I Arts units.
The discipline of the history of ideas. The development of the study of the History of Ideas from the founding of the History...
of Ideas Club at Johns Hopkins in 1923. The relation of the
History of Ideas to other disciplines such as History, Philo-
osophy, History and Philosophy of Science, and Literature. An
examination of the various kinds and roles of Ideas in history.
Ideas as characterizing periods and movements. Ideas as
general metaphors and conceptual models. A detailed study
of some examples selected from: Deism, Great Chain of
Being, Materialism, Nature, Progress, Reason, Utilitarianism,
Social Darwinism.

Textbooks
No textbook is suitable for prescription. Extracts from source
material and journal articles are issued.

62.243 The Darwinian Revolution
Prerequisite: Completion of four Arts or other approved units.
A study of the scientific and philosophical antecedents and
consequences of Darwin's theory of evolution. The prevailing
ideas in biology before Darwin are studied in the context of
the general climate of Ideas to show why the revolution that
theory effected in biology resulted in changes in such
diverse fields of thought as religion, literature, political
theory, ethics and the social and behavioural sciences.

Textbooks
Darwin C. The Origin of Species 1st ed Pelican
de Beer G. Charles Darwin. Evolution by Natural Selection
Nelson
Greene J. C. Darwin and the Modern World View La. State UP
Greene J. C. The Death of Adam Iowa State UP
Himmelfarb G. Darwin and the Darwinian Revolution Norton
Hofstadter R. Social Darwinism in American Thought Beacon
Russell C. E. Darwin in America Freeman

62.253 The Social History of Science from the
French Revolution to the Second World War
Prerequisite: Completion of four Arts or other approved units.
The development of the scientific movement, in its social and
cultural context, from the French Revolution to the 1930s. The
course includes consideration of the different national contexts
of the scientific movement; its relations with the State, with
the universities and other teaching institutions, and with the
professions of medicine and engineering; the communications
system in science and the nature and functions of scientific
societies; the effects of science on technology and of tech-
ology on science; the institutionalization and professionaliza-
tion of science.

Textbooks
Selections from primary sources, and other material are issued
during the course.

62.263 The Development of Theories of Matter
Prerequisite: Completion of four Arts or other approved units,
including two units of HPS or two units of an approved
science.
The development of man's ideas about the nature of matter:
'the oldest conceptual tool in the Western speculative tradi-
tion'. A broad coverage of this many-sided topic is offered.

from antiquity to the present, though the main emphasis is
placed on ideas in the seventeenth, eighteenth, and nine-
teenth centuries. A consideration of the speculations—both
'plenist' and 'atomistic'—of the Greeks leads to an account
of the discussion and elaboration of these views in the
Medieval period and the Renaissance. Then, the rise of the
'mechanical philosophy' in the seventeenth century is dis-
cussed, with consideration of the Cartesian and Newtonian
schemes. This leads to an account of the elaboration of the
Newtonian world-picture—in both its 'mechanistic' and
'materialist' modes—that took place in the eighteenth cen-
tury, including consideration of such diversions as the
'nuclear shell' theory, and the doctrine of point masses of Boscoovich.
Ideas on elements, 'principles' and 'simple substances' are
also treated. For the nineteenth century, there is a detailed
discussion of Dalton's atomic theory, and the subsequent
'atomic debates'. Some account of the nineteenth-century
chemical theories of bonding and structure is given, and
finally there is a brief discussion of twentieth-century develop-
ments such as the advent of theories concerning sub-atomic
particles, the Bohr theory of the atom, the quantum theory,
and the wave/particle model.

Textbooks
Andrade e Silva J. & Lochak G. Quanta Weidenfeld & Nichol-
son

62.273 The Historical Foundations of Experimental
Biology
Prerequisite: Completion of four Arts or other approved units,
including two units of HPS or two units of an approved
science.
The development of experimental biology from the work of
Vesalius in the mid-sixteenth century to that of Bernard in the
mid-nineteenth century, with special emphasis on the develop-
ment of physiology. Topics: the Vesalian tradition; the work
of Harvey, with special reference to the circulation of the
blood and the functioning of the heart; Descartes and the
mechanization of biology; Malpighi, Hooke and early micro-
scopy; Hales and plant physiology; theories of animal heat and
respiration; the work of Haller, Bichat, Magendie and Bernard
on animal physiology.

Textbooks
No set texts.

62.283 The History of Theories of Generation
and Heredity
Prerequisite: Completion of four Arts or other approved units,
including two units of HPS or two units of an approved
science.
The development of theories relating to generation and
heredity, with special reference to the interplay of scientific,
social and ideological factors. The course is largely con-
cerned with the period from 1830 to 1930. Topics: the cell
theory; sexual and asexual reproduction; embryology; the
theory of spontaneous generation and its overthrow; Mendel
and his predecessors; the rise of classical genetics and the
background to the Synthetic Theory of evolution; molecular
biology and DNA.

Textbooks
No set texts.
62.293 Science and the Strategy of War and Peace

Aims to give historical perspective to the impact of science and technology on the art of war from Leonardo da Vinci to contemporary problems of nuclear disarmament and the arms race. The main emphasis is upon the intellectual challenges, social consequences and moral dilemmas posed by twentieth-century developments in the mechanization of warfare, communications, surveillance and physical, chemical, nuclear and biological weaponry; the early history of the atomic scientists and the nuclear age; Einstein and Russell and the anti-war movements, the role of the military industrial complex; the dynamics of the arms race and its limitation; the technological elaboration of armaments in the 1960s; the opportunity cost of military expenditure.

Textbooks
No set texts. Extracts from source material and journal articles are issued.

62.503 The Philosophy of Science

Prerequisite: Completion of four Arts or other approved units, including two units of HPS or two units of Philosophy, or one unit of HPS plus one unit of Philosophy, or two units of an approved science.

A general introduction to some of the more fundamental problems of the philosophy of science, emphasizing the nature, composition, and structure of scientific theories, and of the relations between theoretical statements and observational data.

The logic of theory construction; the logical structure of theories; the status of scientific laws; the roles of regulative principles, correspondence rules, and methodological directives; the function of models and analogies; the nature of scientific explanation; the status of theoretical entities; the principles of theory establishment and rejection; the axiology and apologetics of science; the dynamics of scientific change, including the structure of scientific revolutions.

Examples selected from the history of the sciences illustrating the philosophical issues examined. Elementary mathematical logic

Textbooks
Braithwaite R. B. Scientific Explanation Harper Torchbook
Chalmers A. F. What is this thing called Science? Qld UP
Hanson N. R. Observation and Explanation Allen & Unwin
Kuhn T. S. The Structure of Scientific Revolutions 2nd ed Chicago UP
Popper K. R. The Logic of Scientific Discovery Harper Torchbook

62.513 History of the Philosophy and Methodology of Science

Prerequisites: Completion of four Arts or other approved units, including two units of HPS or two units of Philosophy, or one unit of HPS plus one unit of Philosophy.

The development of ideas concerning the nature and methods of the sciences from antiquity to the present day: Platonism and Aristotelianism; Descartes, Leibniz and Continental rationalism; Bacon, Locke, Berkeley, Hume and British empiricism; Kant and Kantians; Herschel, Whewell, Mill and the revival of inductivism; Comte, Mach and nineteenth-century positivism; Peirce, James and pragmatism; Poincaré and conventionalism; Duhem and instrumentalism; Meyerson and realism; Einstein and the relativists; Eddington's selective subjectivism; Bridgman and operationalism; the Vienna Circle and logical positivism; Carnap and positivist reductionism; Popper and falsificationism; Hesse and modelism; Feyerabend and methodological anarchism.

Textbooks
Kolakowski L. Positivist Philosophy From Hume to the Vienna Circle Pelican
Losse J. A Historical Introduction to the Philosophy of Science OUP

Advanced Level units

62.523 Advanced HPS A

Prerequisite: Completion of twelve Arts or other approved units, including at least two HPS units at Credit Level or better, unless otherwise determined by the Head of School.

Two approved Upper Level units together with additional work in the philosophy and/or methodology of science as determined by the Head of School.

62.533 Advanced HPS B

Prerequisite: Completion of at least two Level I units in mathematics or an approved science. Co-requisite: Advanced HPS A.

Two approved Upper Level units together with further work in mathematics or an approved science or additional work in history and philosophy of science as determined by the Head of School.

Honours Level units

62.604 HPS (Honours)

In addition to general Faculty requirements, the prerequisite for admission as a candidate for Combined Special Honours is the completion of 62.523 Advanced HPS A at Credit Level or better, and for Special Honours completion of 62.523 Advanced HPS A and 62.533 Advanced HPS B at Credit Level or better.

The Honours course comprises a number of two-hour seminars of one session duration, arranged into two groups as follows:

1. General Subjects
   A Historiography of Science.
   B Honours Philosophy of Science.

2. Special Subjects
   To be determined.
Special Honours candidates take the two general subjects, together with either two of the special subjects or (with the approval of the Head of the School) one Upper Level unit not previously completed, and, in addition, complete a bibliographical exercise and present a thesis. Combined Special Honours candidates take two subjects, including at least one of the general subjects, as determined by the Head of School, and, in addition, complete a bibliographical exercise and present a thesis.

The program of students taking 62.604 as the whole or part of an MA Qualifying Course is determined by the Head of School. In all cases the program, in addition to other components, includes at least two fourth year subjects and either a thesis or a substantial research paper or papers.

**Industrial Relations**

**Undergraduate Study**

**15.511  Industrial Relations IA**

Level I units.

A multi-disciplinary introduction to a range of important concepts and issues in industrial relations. The political, social, economic, legal, historical and psychological aspects of the evolution and operation of modern employer/employee relations. Material is drawn from both Australian and overseas experience. Topics covered include the nature and implications of: strikes, lockouts and other forms of industrial conflict and alienation; the structure and policies of State and Federal trade unions, the State labor councils and such peak organizations as the Australian Council of Trade Unions and the Australian Council of Salaried Professional Associations; the employer industrial relations function and the structure and policies of employer associations; processes of work rule determination, such as collective bargaining, mediation, conciliation and compulsory arbitration; labour movements; and the role of the various arbitration tribunals and government institutionalities with respect to industrial relations.

**Preliminary Reading**

- Hyman R. *Strikes Fontana* 1972 *
- Martin R. *Trade Unions in Australia* Penguin 1975 *
- Portus J. H. *Australian Compulsory Arbitration 1900-1970* Hicks Smith & Sons 1971 *

**Textbooks**

- Hawkins K. *Conflict and Change: Aspects of Industrial Relations* Holt Rinehart & Winston 1972 *
- Isaac J. E. & Ford G. W. eds *Australian Labour Relations Readings* 2nd ed Sun Books 1971 *
- Rosow J. M. ed *The Worker and the Job: Coping with Change* Prentice-Hall 1974

**15.525  Industrial Relations IIA**

The development and operation of industrial relations systems overseas, with special attention to their relevance and applicability to the Australian context. Topics covered include: the role of trade unions, employer bodies and government labour policies; the nature of industrial conflict and procedures utilised for its resolution; and evaluation of alternative systems of labour-management relations at the plant, industry and national level.

Specific countries studied include the United States, England, France, Germany, India, Singapore and Japan.

**Preliminary Reading**

- Bloom G. & Northrup H. *Economics of Labor Relations* Richard Irwin 1973
- Clegg H. A. *The System of Industrial Relations in Great Britain* Blackwell 1972
- Walker K. *Australian Industrial Relations Systems* 2nd ed Harvard UP 1972

**Textbooks**

No set texts. A reading list of journal articles and other material is supplied.

**15.528  Industrial Relations IIA (Honours)**

For students in the Industrial Relations Honours program; includes the content of 15.525, with an additional two hour seminar each week providing a more advanced treatment of industrial relations issues in particular countries.

**Textbooks**

- Millen B. *The Political Role of Labor in Developing Countries* Brookings Institute 1963
- Sturmthal A. *Comparative Labor Movements—Ideological Roots and Institutional Development* Wadsworth 1972

**15.526  Industrial Relations IIB**

The structure, policies and operation of institutions important to the Australian industrial relations systems. Topics: the origins and operation of the Australian Conciliation and Arbitration Commission and other industrial relations tribunals operating at the national level; the origins and operation of the State Industrial tribunals, including the New South Wales Industrial Commission, and the Victorian and Tasmanian wages boards; the origins, evolution and structure of Australian trade unionism; trade union non-industrial activities (green bans, economic enterprises, etc.); amalgamation and other forms of institutional rationalization; union and management industrial relations training/education; the employer industrial relations and personnel function, and the origins and operation of employer associations; the Industrial relations role
of non-industrial bodies such as Women’s Electoral Lobby, Secret Ballot Society, etc.; the functions of government instrumentalties and the impact of government policies; the role of governments as employers and public sector unions; and the role in Australia of international bodies such as the International Labor Office, the Organization for Economic Cooperation and Development, and the International Confederation of Free Trade Unions.

Preliminary Reading
Bain G., Coates D. & Ellis V. Social Stratification and Trade Unionism Heinemann 1973
Martin R. Trade Unions in Australia Penguin 1975 *
Rawson D. W. A Handbook of Australian Trade Unions and Employers’ Associations 2nd ed ANU 1973 *

Textbooks
Caiden G. E. Public Employment Compulsory Arbitration in Australia Michigan/Wayne State Univ 1971 *
Isaac J. E. & Ford G. W. eds Australian Labour Relations Readings 2nd ed Sun Books 1971 *
McCartney W. J. ed Trade Unions Penguin 1972 *
Matthews P. W. D. & Ford G. W. eds Australian Trade Unions Sun Books 1976 *

15.529 Industrial Relations IIB (Honours)
For students in the Industrial Relations Honours program. Includes the content of 15.528, with an additional two hour seminar each week providing a more advanced treatment of the structure and policies of institutions important to the Australian industrial relations system.

Textbooks
Erickson H. The Steward’s Role in the Union Exposition Press 1971
Goodman J. F. B. & Whittingham T. G. Shop Stewards Pan Books 1973 *

15.534 Industrial Relations IIIA
Methods and procedures in industrial relations conflict resolution. A number of techniques are examined from Australian and overseas experience, including collective bargaining, productivity bargaining, conciliation, mediation, and compulsory, voluntary and final offer arbitration. Each of these procedures is examined with respect to their form and character; acceptability to employers, unions, government policy and public interest; effectiveness in conflict resolution and attitude change; legal, cultural, economic, social and political implications; and relevance to grievance issues in contrast to the determination of work rules in an award/agreement context.

This course aims to draw on a range of simulation exercises material, case studies from Australia and overseas, and films of conflict resolution procedures in operation.

Preliminary Reading
International Labour Office Conciliation in Industrial Disputes ILO 1970 *
International Labour Office Collective Bargaining ILO 1960 *
Isaac J. E. & Ford G. W. eds Australian Labour Relations Readings 2nd ed Sun Books 1971 *

15.538 Industrial Relations IIIA (Honours)
For students in the Industrial Relations Honours program. This course includes the content of 15.534, with an additional two hour seminar each week providing a more advanced treatment of theory and procedures in arbitration, bargaining, conciliation and mediation.

Textbooks
Brown W. Piecework Bargaining Heinemann 1973
Hyman R. Disputes Procedure in Action Heinemann 1972

15.535 Industrial Relations IIIB
Contemporary issues in Industrial Relations. This course aims to integrate material covered in earlier courses with contemporary developments in Australian industrial relations. It will draw on material generated from recent industrial relations research to examine a limited number of topics in depth. Small seminar groups will be constituted, each with a set list of topics to be treated. These could cover such areas as: union amalgamation; incomes policy; manpower policy; productivity bargaining; worker participation; flexi-time and the shorter hours movement; developments in industrial relations legislation; multinationals and industrial relations; penal sanctions; labour market discrimination; or trade union training and education.

Preliminary Reading

Textbooks
No set texts. A reading list of journal articles, reference texts and other material is supplied.

15.539 Industrial Relations IIIB (Honours)
For students in the Industrial Relations Honours program. Principles, procedures, techniques and data sources used for research in the field of industrial relations.

Preliminary Reading
Myrdal G. Objectivity in Social Research Duckworth 1969 *
Walker K. F. Research Needs in Industrial Relations Cheshire 1964 *

*Paperback.
Textbooks
Derber M. Research in Labor Problems in the US Random House 1967
Stacey M. Methods of Social Research Pergamon 1969
Moser C. A. & Kallon G. Survey Methods in Social Investigation 2nd ed Heinemann 1971

15.580 Industrial Relations IV (Honours)
For students in the Industrial Relations Honours program. This course comprises a thesis and six segments: A Comparative Industrial Relations—Developed Countries; B Industrial Relations Case Studies A and C Industrial Relations Project Seminar A, offered in first session, and in second session D Comparative Industrial Relations—Less Developed Countries, E Industrial Relations Case Studies B and F Industrial Relations Project Seminar B.

A Comparative Industrial Relations: Developed Countries
A comparative analysis of industrial relations issues in a number of overseas countries in advanced stages of industrialization. The origins, evolution, structure, operation, problems and philosophy of industrial relations in the United Kingdom, the Soviet Union, and countries in North America and Western Europe.

Preliminary Reading
Sturmthal A. Comparative Labor Movements—Ideological Roots and Institutional Development Wadsworth 1972 *
Sturmthal A. & Scoville J. eds The International Labor Movement in Transition Illinois UP 1973

Textbooks
Kassalow E. Trade Unions and Industrial Relations—An International Comparison Random House 1969

B Industrial Relations Case Studies A
A series of case studies to highlight a range of industrial relations issues at the plant or local level. Students also prepare their own case study for seminar presentation.

Preliminary Reading
Lane T. & Roberts K. Strike at Pilkington Fortunan 1971 *
Riach P. A. & Howard W. A. Productivity Agreements and Australian Wage Determination Wiley 1973 *

Textbooks
No set texts. A reading list of journal articles and other material is supplied.

F Industrial Relations Project Seminar B
An individual program of study for an in-depth examination of an established body of industrial relations literature. Subject to the availability of appropriate supervision, topics can be drawn from the mainstream of industrial relations literature or from the component disciplines including labour economics, industrial psychology, industrial law, industrial sociology and labour history.

Textbooks
No set texts. A reading list of journal articles and other material is supplied.

G Thesis

15.555 Labour Market Economics
The economics of the labour market. The theory of labour market operations and evaluates this in the light of a range of research evidence from Australia and overseas. Topics: the supply of labour, including work-leisure trade offs, hours of work, occupational choice and participation rates; demand for labour by the firm and industry with evaluation of the marginal productivity doctrine; unemployment, including the identification problem, Phillips Curve and manpower policy issues; underemployment in developed and less developed countries; labour mobility and migration; theory and structure of wages including the economic philosophy, history, and machinery of Australian wage determination, wage differentials, minimum wages and earnings drift; wages and incomes policies; and

*Paperback.
the economic theory and impact of trade unions including influence on GNP shares, relative wages, hours of work, employment and resource allocation.

Preliminary Reading
Freeman R. B. Labor Economics Prentice-Hall 1972
Phelps Brown E. N. The Economics of Labour Yale University Press 1962

Textbooks
McCormick B. J. & Smith E. O. eds The Labour Market Penguin 1968 *
Niland J. R. & Isaac J. E. eds Australian Labour Economics Readings Sun Books 1975 *
Rees A. The Economics of Work and Pay Harper & Row 1973

15.556 Manpower Policy
The origins, evolution and operation of Australian manpower policy, compared and contrasted with policies overseas. A range of issues in the development and deployment of human resources, including: human capital theory and its application; training, retraining and work assistance schemes; mobility programs, covering industrial, geographical and vocational labour mobility; occupational choice theory and practice; the nature and manpower implications of various forms of unemployment, including structural, frictional, seasonal and disguised or hidden unemployment; manpower projections and manpower planning, at the enterprise and national level; and labour market discrimination. This course may be offered in alternate years.

Preliminary Reading
Levitan S. & Taggart M. Reality and Rhetoric in Manpower Policy Johns Hopkins UP 1972 *
Niland J. R. & Isaac J. E. eds Australian Labour Economics Readings Sun Books 1975 *
Perlman R. The Economics of Education McGraw-Hill 1973 *

Textbooks
Blaug M. An Introduction to the Economics of Education Penguin 1970 *
Somers G. ed Retraining the Unemployed Wisconsin UP 1968
Thurow L. Investment in Human Capital Wadsworth 1970 *

15.557 Wages and Incomes Policy
The relationships between movements in wage and salary incomes to desired economic objectives, The formulation and administration of wages and incomes policies, and the role of trade unions, employers and government institutions. Overseas experience is examined to derive implications for Australian practices, institutions and policies. Topics: the evolution of wage concepts and standards; wage structure, relativities and differentials; trade union pushfulness and product pricing decisions; earnings drift; and principles and criteria for wage fixation, including capacity to pay, 'needs' elements, productivity gearing, minimum and social wage levels and manpower issues. This course may be offered in alternate years.

Preliminary Reading
Clegg H. How to Run an Incomes Policy Heinemann 1971 *
Fellner W. et al The Problem of Rising Prices OCED 1961
Niland J. R. & Isaac J. E. eds Australian Labour Economics Readings Sun Books 1975 *

Textbooks
Galenson W. ed Incomes Policy: What Can We Learn From Europe? School of Industrial and Labor Relations Cornell Univ 1973
Isaac J. E. Wages and Productivity Cheshire 1967
Ulman L. & Flanagan R. Wage Restraint—A Study of Incomes Policy in Western Europe Calif UP 1971

15.565 Industrial Relations Sociology
The sociological aspects of employer-employee relations and industrial work. This course draws on major sociological views and theories to examine a range of industrial relations issues, including: job satisfaction, dissatisfaction and worker alienation; the role of money as a motivator in the job context; the nature and impact of bureaucracies in industrial relations; social aspects of occupation and retirement; work group identification and affiliation; social aspects of labour market operation, wages and unemployment; and attitudes to work.

Preliminary Reading
Allen V. L. The Sociology of Industrial Relations Longman 1971 *
Best F. ed The Future of Work Prentice-Hall 1973

Textbooks
Eldridge J. E. T. Sociology and Industrial Life Nelson 1971
Fox A. A Sociology of Work in Industry Macmillan 1971
Faunce W. A. ed Readings in Industrial Sociology Meredith 1967

15.566 Industrial Conflict
The nature and significance of conflict in industrial relations situations. The theories of Marx, Dunlop, Parsons, Darendorf and others and assesses their applicability to a range of industrial relations issues, including: the dimensions of conflict; the functional and dysfunctional nature of Industrial conflict; the debate between the 'order' and 'conflict' views of society; the relationship between conflict and the formation of 'classes' in society; the relationship between industrial and political conflict; the regulation of conflict and its institutionalization; and the role of the State in conflict resolution and regulation. This course may be offered in alternate years.

Preliminary Reading
Brown W. The Earnings Conflict Penguin 1973 *
Hawkins K. Conflict and Change: Aspects of Industrial Relations Holt Rinehart & Winston 1972 *
Hyman R. Strikes Fontana 1972

Textbooks
Dahrendorf F. Class and Class Conflict in an Industrial Society Routledge 1959

*Paperback
15.567
Social Aspects of Work and Unionism

The application of sociological principles to the study of trade unions and to the examination of the changing nature of work in industrial society. Topics covered include: authority structures in work situations; job redesign and enrichment; occupational structures; bureaucracy and democracy in trade unions; professionalism and the growth of white collar unionism; the social role of trade unions; worker and management attitudes to industrial relations issues; and discrimination and prejudice in the work context. This course may be offered in alternate years.

Preliminary Reading
Burns T. ed. Industrial Man Penguin 1969 *
Howe I. ed. The World of the Blue Collar Worker OUP 1972 *
Martin R. M. Trade Unions in Australia Penguin 1975 *

Textbooks
Bain G. S. The Growth of White Collar Unionism OUP 1970 *

15.571
Industrial Relations Theory

Theoretical treatment of the origins, evolution and operation of industrial relations systems. A range of explanations for labour movements, covering: the origin and development of trade unions; the goals and ideologies of labour institutions; the reasons for union participation; and the social and economic impact of trade unions.

Theories studied include: Bakunin's 'scientific' anarchism; Brentano's theory of Guilds and Unions; the ideas of Marx, Engels and Lenin; the Webb's concepts of Industrial Democracy; Tannenbaum's philosophy of labour; Commons' 'extension of the market'; Perlman and scarcity consciousness; Polanyi's 'double movement'; and Kerr, Dunlop, Harbison and Myers, and the convergence theory.

This course further examines the Dunlop system's approach to industrial relations theory, and the contributions of Walker and others. It also treats the government 'interventionist' model, covering the ties between labour organizations and pro-labour political parties in less developed countries. This course may be offered in alternate years.

Preliminary Reading

Textbooks
Dunlop J. T. Industrial Relations Systems Holt 1958
Somers G. ed. Essays in Industrial Relations Theory Iowa State UP 1969

15.572
Industrial Democracy

Different forms of worker involvement in management decision-making in Australia, Western Europe, Yugoslavia and North America. Topics include: concepts of industrial democracy, such as joint consultation; worker participation in management; industrial co-determination and worker self-management; contemporary theories of industrial democracy; West Germany's co-determination system; Sweden's model of 'disciplinary' democracy in industry; joint consultation in British industry; worker self-management in industrial enterprises in Yugoslavia; and Scanlon Plans and other forms of Union-management cooperation in the United States and Canada; and collective bargaining as an exercise in industrial democracy in the United Kingdom and the United States. This course may be offered in alternate years.

Preliminary Reading
Jenkins D. Job Power Penguin 1974 *
Pool M. Workers Participation in Management Routledge
The Committee on Worker Participation in Management (Private Sector) Worker Participation in Management South Australian Government Printer 1975 *

Textbooks
Clarke R. O., Fatchett D. J. & Roberts B. C. Worker Participation in Management in Great Britain Heinemann 1972
Coates K. & Topham T. The New Unionism: The Case for Worker Control Penguin 1974 *
Hunnius G., Garson D. & Case J. eds Workers' Control: A Reader on Labour and Social Change Random House 1973

15.576
Labour History

The origins and evolution in Australia to 1940 of labour movements, trade unions, employer bodies, conciliation and arbitration tribunals and other institutions important to the industrial relations system. Comparative attention is given to appropriate movements overseas. This course may be offered in alternate years.

Preliminary Reading
Child J. Unionism and the Labor Movement Macmillan 1971
Harris J. The Bitter Fight Qld UP 1970
Sutcliffe J. T. A History of Trade Unionism in Australia Macmillan 1967 *

Textbooks
Ebbels R. N. ed. The Australian Labor Movement 1850-1907 MUP 1965
Fitzpatrick B. C. A Short History of the Australian Labor Movement Rawson's Bookshop 1944

15.574
Industrial Relations Methods

This course is designed to enable evaluation and acquisition of methods and skills utilized in industrial relations practise. Topics: the content and character of industrial awards and agreements; the preparation of logs of claim; industrial advocacy; tactics and techniques of negotiating and bargaining; data sources for wage, employment, productivity and other material important in industrial relations practice; and conciliation and arbitration procedures. This course may be offered in alternate years.

Preliminary Reading
Fisher R. Basic Negotiating Strategy Penguin 1969

Textbooks
No set texts. A reading list of journal articles and other material is supplied.

*Paperback.
15.575
Industrial Relations Research Methodology
Principles, procedures, techniques and data sources used for research in the field of industrial relations.

Preliminary Reading
Moser C. A. & Kelton G. Survey Methods in Social Investigation 2nd ed Heinemann 1971
Myrdal G. Objectivity in Social Research Duckworth 1969 *

Textbooks
Derber M. Research in Labor Problems in the US Random House 1967
Stacey M. Methods of Social Research Pergamon 1969 *

Mathematics

While Mathematics as a major study is usually taken in the Science and Mathematics Course, it may also be taken in the Faculty of Arts.

Undergraduate Study†

First Year Mathematics

Level I units

10.001
Mathematics I
Calculus, analysis, analytic geometry, linear algebra, an introduction to abstract algebra, elementary computing.

Note
This is the standard subject and is generally selected by students who intend to pursue further studies in mathematics. For entry into 10.001 Mathematics I, students are required to have passed HSC 2 unit Mathematics at grade 1 or 2, or 3 unit Mathematics at grade 1, 2 or 3, or 4 unit Mathematics at grade 1, 2, 3 or 4, or grade 5 at a standard acceptable to the Professorial Board.

Preliminary Reading
Bell E. T. Men of Mathematics 2 vols Pelican
Poiya G. How to Solve It Doubleday Anchor
Sawyer W. W. A Concrete Approach to Abstract Algebra Freeman
Sawyer W. W. Prelude to Mathematics Pelican

Textbooks
Blatt J. M. Basic Fortran IV Programming Miditran Version Computer Systems (Aust)
Shields P. C. Elementary Linear Algebra 2nd ed Worth
Thomas G. B. Calculus and Analytic Geometry 4th ed Addison-Wesley

10.011
Higher Mathematics I (Day course only)
Calculus, analytic geometry, linear algebra, an introduction to abstract algebra, elementary computing.
The same purpose as 10.001, but is aimed at the more mathematically able students, including those who may wish to take an honours degree in mathematics. Covers all the material in 10.001, plus other topics, at greater depth and sophistication. Intended for students who have obtained high marks in the 3 unit mathematics course of the Higher School Certificate as well as for those who have taken the 4 unit course. The basic part of the subject assumes a thorough knowledge of the 3 unit course; special provision will be made for students entering with 4 unit Mathematics.
While it is expected that students aiming at the Honours Level in mathematics will take this subject, it is equally valuable for any mathematically able student whose course requires a considerable amount of mathematics.

Preliminary Reading
As for 10.001 plus:
David F. N. Games, Gods and Gambling Griffin
Felix L. The Modern Aspect of Mathematics Science
Huff D. How to Lie with Statistics Gollancz
Reid C. From Zero to Infinity Routledge

Textbooks
Blatt J. M. Basic Fortran IV Programming Miditran Version Computer Systems (Aust)
Clark C. The Theoretical Side of Calculus Wadsworth
Thomas G. B. Calculus and Analytic Geometry 4th ed Addison-Wesley

10.021
Mathematics IT
Calculus, analysis, analytic geometry, algebra, probability theory, elementary computing.
This subject provides for students who do not intend studying mathematics beyond first year but whose other studies require some knowledge of basic mathematical ideas and techniques.
For entry into 10.021 Mathematics IT students are required to have passed HSC 2 unit Mathematics at grade 1 or 2, or 3 unit Mathematics at grade 1, 2 or 3, or 4 unit Mathematics at grade 1, 2, 3 or 4, or grade 5 at a standard acceptable to the Professorial Board. However, students who select this subject should weigh seriously the implications of their choice because no further mathematical units are normally available.
Students with meritorious performance in 10.021 may be permitted to proceed to a certain limited number of second-year mathematics subjects intended for biologists and chemical engineers.

*Paperback.
†When a unit is listed as a prerequisite or co-requisite, the appropriate higher unit may be substituted.
Textbooks
Blatt J. M. Basic Fortran IV Programming Miditran Version Computer Systems (Aust)
Greening M. G. First Year General Mathematics NSWUP
Saltz D. A Short Calculus Goodyear

Higher Level Mathematics
Many subjects in the School are offered at two levels. The Higher Level caters for students with superior mathematical ability. Where both levels are offered, the highest grade awarded in the Ordinary Level is Credit, except in exceptional cases.

Honours Courses in Mathematics
There are four separate fourth year honours courses: 10.123 Pure Mathematics IV, 10.223 Applied Mathematics IV, 10.323 Theory of Statistics IV and 10.423 Theoretical Mechanics IV.

The four-year course for an honours degree is intended primarily for professional pure mathematicians, statisticians or applied mathematicians, but will prove of interest also to intending specialists in mathematical areas of social sciences, physical sciences, and engineering. The minimum requirements for each honours course are given below but students seeking an honours degree in mathematics are advised to choose units or courses in mathematics according to their individual interests in consultation with senior members of staff of the School.

1. Honours Course in Pure Mathematics
In second year the student should attempt 10.121A, 10.121B, 10.121C Higher Pure Mathematics II, and 10.221A Higher Applied Mathematics II. In third year the student should attempt 10.122A, 10.122B, 10.122C and 10.122D Higher Pure Mathematics III.

In all cases complementary units or subjects must be chosen in accordance with Faculty rules.

Since entry to Fourth Year is only with approval of the Head of School, students should discuss their third year programs with a Professor of the Department of Pure Mathematics. In special circumstances additional prerequisites may be required, or some of those listed may be waived.

2. Honours Course in Applied Mathematics
Students entering third year in 1977 should have passed unit 10.221A Higher Applied Mathematics II, and units 10.121A and 10.121B Higher Pure Mathematics II; together with other higher level mathematics units to make a total of at least six such units. In third year students should attempt 10.222A, 10.222B, 10.222C, 10.222D, 10.222M, 10.222N, 10.222P, 10.222Q and 10.222R. Mathematics III and at least two other level III mathematics units at least one of which must not be Pure Mathematics. The unit 10.122B Higher Pure Mathematics III is to be recommended. In 1977, 10.222D is not required as a co-requisite for units 10.222L and 10.222M.

Students entering second year in 1977 should attempt units 10.221A and 10.221D Higher Applied Mathematics II, 10.121A and 10.121B Higher Pure Mathematics II, and at least two other higher level mathematics units.

Since entry to Fourth Year is only with approval of the Head of School, students should discuss their third year programs with a Professor of the Department of Applied Mathematics. In special circumstances additional prerequisites may be required, or some of those listed may be waived.

3. Honours Course in Statistics

In third year a student should take four of the five units 10.322A, 10.322B, 10.322C, 10.322D, 10.322E, 10.211A, 10.121B. Together with three other mathematics or Computer Science units (e.g. 10.222L/10.212L, 10.112B/10.122A, 10.122B/10.122C, 10.122E/10.1125, 10.1126, 6.602C).

In all cases complementary units or subjects must be chosen in accordance with Faculty rules.

Since entry to Fourth Year is only with approval of the Head of School, students should discuss their third year programs with a Professor of the Department of Statistics. In special circumstances additional prerequisites may be required, or some of those listed may be waived.

4. Honours Course in Theoretical Mechanics
In second year the student should attempt 10.421A, 10.421B, 10.421C and 10.421D.
In third year the student should attempt 10.422A, 10.422B, 10.422D plus at least two units chosen from 10.412A, 10.422A or 10.422B, 10.211D or 10.211C (it could be taken in 2nd year), 10.122B, 10.122E or (10.112D and 10.112E).

In the fourth year students take advanced lectures on mechanics and its applications together with lectures on mathematical techniques. Subjects from other Departments or Schools are also usually prescribed.

Since entry to Fourth Year is only with approval of the Head of School, students should discuss their third year programs with a Professor of the Department of Theoretical Mechanics. In special circumstances additional prerequisites may be required, or some of those listed may be waived.

Students with Low Mathematical Qualifications
The School of Mathematics arranges a Bridging Course in Mathematics for those students intending to enrol in Mathematics I and who have inadequate mathematical background. The Bridging Course covers the gap between 2 unit and 3 unit Mathematics and is a very useful refresher course generally. The course will be held at the University during the period January to February 1977.

Attention is also directed to the Calculus Bridging Course given over the University of N.S.W. Radio Station VL2UV. The radio course explains the ideas of Calculus and assumes no previous knowledge of the subject.

Mathematics Prizes
There are prizes available for certain courses in the School of Mathematics. They are open to all Kensington students proceeding to an undergraduate degree or diploma but will not be awarded if there is no candidate of sufficient merit. An award of $25 and a suitably inscribed certificate are available in the following subjects: Mathematics I, Higher Mathematics I, Higher Pure Mathematics II, Higher Applied Mathematics II, Higher Pure Mathematics III, Higher Applied Mathematics III.

Similarly, there are prizes of up to $50 available in Theory of Statistics subjects.
Upper Level units

10.041
Introduction to Applied Mathematics
Co-requisite: 10.001.
Combinatorial mathematics, finite differences, games and networks, hydrostatics, mathematical models.

Level II units

10.111A
Pure Mathematics II—Linear Algebra
Prerequisite: 10.001.

10.111B
Pure Mathematics II—Analysis
Prerequisite: 10.001.
Real analysis; partial differentiation, multiple integrals. Analysis of real valued functions of one and several variables. Complex analysis; analytic functions, Taylor and Laurent series, integrals, Cauchy's theorem, residues, evaluation of certain real integrals, maximum modulus principles.

Textbook
Session 2
Churchill R. V. Complex Variables and Applications ISE McGraw-Hill

10.111
Pure Mathematics II—Group Theory
Prerequisite: 10.001. Co-requisites: 10.111A, 10.111B, 10.211A.
Mathematical systems, groups, determination of small groups, homomorphisms and normal subgroups.

10.112
Pure Mathematics II—Geometry
Elementary concepts of Euclidean, affine and projective geometries.

Textbook
Gans D. Transformations and Geometries Appleton-Century-Crofts

10.121A
Higher Pure Mathematics II—Algebra
Prerequisite: 10.011.

Textbooks
Clark A. Elements of Abstract Algebra Wadsworth
Hoffman K. & Kunze R. Linear Algebra Prentice-Hall

10.121B
Higher Pure Mathematics II—Real and Complex Analysis
Prerequisite: 10.011.
Construction of reals; uniform convergence; implicit and inverse function theorems; analytic functions; Laurent and Taylor series; calculus of residues.

Textbooks
Session 1
Session 2
Knopp K. Elements of the Theory of Functions Dover

10.121C
Higher Pure Mathematics II—Number Theory and Geometry
Prerequisite: 10.011. Co-requisites: 10.121A, 10.121B and 10.221A or 10.211A.
Galois fields, quadratic reciprocity, quadratic forms, continued fractions, number theoretic functions, axioms for a geometry, affine geometry, Desargues' theorem, projective geometry.

10.211A
Applied Mathematics II—Mathematical Methods
Prerequisite: 10.001.
Review of functions of two and three variables, divergence, gradient, curl; line, surface, and volume integrals; Green's and Stokes' theorems. Special functions, including gamma and Bessel functions. Differential equations and boundary value problems, including vibrating string and vibrating circular membrane; Fourier series.

Textbooks
Boas M. L. Mathematical Methods in the Physical Sciences Wiley
Spiegel M. R. Theory and Problems of Vector Analysis Schaum
Spiegel M. R. Advanced Mathematics for Scientists and Engineers Schaum
10.211D

Applied Mathematics—Introduction to Optimization Theory and its Applications

Prerequisite: 10.001.


Textbook

10.221A

Higher Applied Mathematics II—Mathematical Methods

Prerequisite: 10.011 or 10.001 Dist.

As for 10.211A, but in greater depth.

Textbooks
Queen N. M. Vector Analysis McGraw-Hill

10.221D

Higher Applied Mathematics II—Introduction to Optimization Theory and its Applications

Prerequisite: 10.011 or 10.001 Dist.

As for 10.211D but in greater depth.

Textbook
As for 10.211D

10.411A

Theoretical Mechanics II—Hydrodynamics

Prerequisite: 10.001. Co-requisite: 10.411B.

Conservation laws and Bernoulli’s equation for one-dimensional flow. Equations of continuity and Euler’s equation. Kelvin’s theorem. Incompressible, irrotational flow in two and three dimensions, including applications of complex variables, method of images, harmonic functions, and axially symmetric flow. Introduction to compressible and viscous fluids.

Textbook
Prandtl L. & Tietjens O. G. Fundamentals of Hydro- and Aeromechanics Dover

10.411B

Theoretical Mechanics II—Principles of Theoretical Mechanics

Prerequisites: 10.001, 1.001 or 10.041 or 5.010. Co-requisites: 10.211A, 10.111B.

Revision of vectors, kinematics of particles and rigid bodies. Dynamics of particles including simple harmonic and projectile motion. Systems of particles: conservation principles, collisions, rocket motion, the catenary. Work and energy. Rotating frames; moments of inertia.

Elementary problems derived from continuum mechanics including conservation laws, one-dimensional fluid flow, extension and bending of beams.

Textbook
Smith R. C. & Smith P. Mechanics Wiley

10.421A

Higher Theoretical Mechanics II—Hydrodynamics

Prerequisite: 10.011 or 10.001 Dist. Co-requisite: 10.421B.

As for 10.411A but in greater depth.

10.421B

Higher Theoretical Mechanics II—Principles of Theoretical Mechanics

Prerequisites: 10.011 or 10.001 Dist., 1.001 or 10.041 or 5.010. Co-requisites: 10.221A, 10.111B.

As for 10.411B but in greater depth.

Textbook
Symon K. R. Mechanics 3rd ed Addison-Wesley

Level III units

10.112B

Pure Mathematics III—Real Analysis

Prerequisites: 10.111A, 10.111B. Co-requisite: 10.211A.

Convergence of sequences and series; Taylor series; metric spaces; contraction mapping principle sequences and series of functions; uniform convergence; Fourier series.

Textbook
Clark C. The Theoretical Side of Calculus Wadsworth

10.112C

Pure Mathematics III—Differential Geometry

Prerequisites: 10.111A, 10.111B. Co-requisite: 10.211A.


Textbook
O’Neill B. Elementary Differential Geometry Academic

10.1121

Pure Mathematics III—Number Theory

Prerequisite: **. Co-requisites: 10.111A, 10.111B, 10.211A.

Euclidean algorithm, congruences, sums of squares, diophantine equations.

**Students are not normally permitted to attempt a Level III Pure Mathematics unit unless they have completed at least one Level II unit from 10.111A, 10.111B and 10.211A and are concurrently attempting the remaining units of these three units.
10.1122
Pure Mathematics III—Algebra
Prerequisites: 10.111A. Co-requisites: 10.111B, 10.1111, 10.211A.
Rings, polynomials, fields.
Textbook
Dean R. A. Elements of Abstract Algebra Wiley

10.1123
Pure Mathematics III—Set Theory
Prerequisite: 10.111B, 10.111A, 10.211A. Intuitive and axiomatic Set Theory, Cardinal and ordinal numbers. The axiom of choice.
Textbook
Gray J. D. Lecture Notes on Set Theory and Transfinite Arithmetic Author

10.1124
Pure Mathematics III—Combinatorial Topology
Textbook

10.1125
Pure Mathematics III—Ordinary Differential Equations
Prerequisite: 10.111B. Co-requisites: 10.111A, 10.211A. Systems of ordinary differential equations; variations of constants formula; stability; Poincaré space; Lyapunov's direct method.
Textbook
Leighton W. An Introduction to the Theory of Ordinary Differential Equations Wadsworth

10.1126
Pure Mathematics III—Partial Differential Equations
Prerequisite: 10.1125. Systems of partial differential equations; characteristic surfaces; classification; Cauchy problem; Dirichlet and Neumann problems; the maximum principle; Poisson's formula; conformal mapping.
Textbook
Dennemeyer R. Introduction to Partial Differential Equations and Boundary Value Problems McGraw-Hill

10.1127
Pure Mathematics III—History of Mathematics
Prerequisites: 10.111A, 10.111B, 10.211A. Topics from the History of Mathematics, with emphasis on the development of those ideas and techniques used in undergraduate courses. Students are expected to read widely and to present written material based on their readings.
Textbooks
Midonick H. O. ed The Treasury of Mathematics Penguin
Struik D. J. A Concise History of Mathematics Dover

10.122A
Higher Pure Mathematics III—Algebra
Prerequisite: 10.121A. Field theory and theory of rings and modules.
Textbook
Stewart I. Galois Theory Chapman & Hall

10.122B
Higher Pure Mathematics III—Integration and Functional Analysis
Prerequisite: 10.121B. Lebesgue integration; Fourier series; normed vector spaces; Hilbert spaces; measure theory

10.122C
Higher Pure Mathematics III—Topology and Differential Geometry
Prerequisites: 10.121A, 10.121B. The axiom of choice, metric and topological spaces, compactness. Compact surfaces, triangulations, geodesics, Gauss-Bonnet theorem.
Textbook
Simmons G. F. Introduction to Topology and Modern Analysis ISE McGraw-Hill

10.122E
Higher Pure Mathematics III—Complex Analysis and Differential Equations
Prerequisite: 10.121B. Analytic continuation; entire and meromorphic functions; elliptic functions; normal families and further advanced topics in complex analysis. Existence and uniqueness theorems for ordinary differential equations; linear systems; qualitative theory of autonomous systems; equations on manifolds.

*Students are not normally permitted to attempt a Level III Pure Mathematics unit unless they have completed at least one Level II unit from 10.111A, 10.111B and 10.211A and are concurrently attempting the remaining units of these three units.
10.222A
Higher Applied Mathematics III—Numerical Analysis
Prerequisites: 10.221A or 10.211A Dist., 10.121A or 10.111A Dist.
As for 10.212A but in greater depth.

10.222C
Higher Applied Mathematics III—Maxwell’s Equations and Special Relativity
Prerequisites: 10.221A or 10.211A Dist., 10.121B or 10.111B Dist., 1.001.
Electrostatic and quasi-static magnetic fields: mathematical formulation of basic laws, field equations; methods of solution, general theorems, polarization, energy and mechanical forces. Electromagnetic fields: Maxwell’s equations, Poynting theorem, Maxwell stress tensor, electromagnetic momentum and radiation pressure, electromagnetic potentials, radiation, vector wave equation, solutions, cavity resonators, waveguides. Relativity: relativistic kinematics, dynamics and electrodynamics, radiation from moving charges, radiation damping.

10.222F
Higher Applied Mathematics III—Quantum Mechanics
Prerequisites: 10.221A or 10.211A Dist., 10.121A or 10.111A Dist., 10.121B or 10.111B Dist.
Textbook
Merzbacher E. Quantum Mechanics 2nd ed Wiley

10.222L
Higher Applied Mathematics III—Optimization Methods
Prerequisites: 10.221A or 10.211A Dist., 10.121A or 10.111A Dist., 10.121B or 10.111B Dist. Co-requisite: 10.221D or 10.211D*.
As for 10.212L but in greater depth.
Textbooks
Adby P. R. & Dempster M. A. H. Introduction to Optimization Methods Chapman & Hall
Intrilligator M. D. Mathematical Optimization and Economic Theory Prentice-Hall

10.222M
Higher Applied Mathematics III—Optimal Control Theory
Prerequisites: 10.221A or 10.211A Dist., 10.121A or 10.111A Dist., 10.121B or 10.111B Dist.
*Effective from 1978 only. Students enrolling in 10.212L (10.222L) in 1977 should not enroll in 10.211D (10.221D).
As for 10.212M but in greater depth.

Textbooks
Connors M. M. & Teichroew D. Optimal Control of Dynamic Operations Research Models Int Textbook Co
Jacobs D. L. R. Introduction to Control Theory O.U.P.

10.412A
Theoretical Mechanics III—Dynamical and Physical Oceanography
Prerequisites: 10.211A, 1.001. It is recommended that one of the following be taken concurrently: 10.411A or 1.012 or 1.913.
A The physical properties of the oceans and their measurement, including: salinity, temperature, density, dynamic heights. Currents, waves and tides.
B Theoretical models of current and waves. Up to seven days field/laboratory work per year.

10.412B
Theoretical Mechanics III—Continuum Mechanics
Prerequisites: 10.211A, 10.111A, 10.111B. Co-requisite: 10.411A or 1.012 or 1.913.

10.412D
Theoretical Mechanics III—Mathematical Methods
Prerequisites: 10.211A, 10.111A, 10.111B.
Sturm-Liouville equation, eigenvalues, expansion in orthonormal functions. Fourier, Fourier-Bessel and Legendre series as special cases. Fourier and Laplace transforms, with application to ordinary and partial differential equations. Diffusion equation and transmission-line equation. Wave equation.

Textbooks
Rabenstein A. L. Introduction to Ordinary Differential Equations Academic Press
Stephenson G. An Introduction to Partial Differential Equations for Science Students 2nd ed Longman

10.422B
Higher Theoretical Mechanics III—Mechanics of Solids
Prerequisites: 10.111A, 10.111B, 10.211A, 10.421B or 10.411B Dist., or 1.012.
As for 10.412B but in greater depth.

10.422D
Higher Theoretical Mechanics III—Mathematical Methods
Prerequisites: 10.221A or 10.211A Dist., 10.121A or 10.111A Dist., 10.121B or 10.111B Dist.

10.123
Pure Mathematics IV (Honours)
An honours program consisting of the preparation of an undergraduate thesis together with advanced lecture courses on topics chosen from fields of current interest in Pure Mathematics. With the permission of the Head of Department, the subject may also include advanced lecture courses given by other Departments or Schools.

Textbooks
See lecturers concerned.

10.223
Applied Mathematics IV
An honours program consisting of the preparation of an undergraduate thesis together with advanced lecture courses. Lecture topics include selections from: advanced optimization and control theory; functional analysis and applications; numerical analysis; mathematics of economic models and of economic prediction; stability theory of differential and differential-difference equations; stochastic processes; statistical mechanics; quantum physics; astrophysics. With the permission of the Head of Department, the subject may also include advanced lecture courses given by other Departments or Schools.

Textbooks
No set texts.

10.423
Theoretical Mechanics IV
An honours program consisting of the preparation of an undergraduate thesis together with advanced lecture courses on topics chosen from fluid mechanics, solid mechanics, planetary science and special mathematical and numerical techniques applied to partial differential equations. With the permission of the Head of Department, the subject may also include advanced lecture courses given by other Departments or Schools on topics such as optimal control theory, optimization theory, thermodynamics, numerical analysis or statistics.

Textbooks
No set texts.

*Effective from 1978 only. Students enrolling in 10.212L (10.222L) in 1977 should not enrol in 10.211D (10.221D).
Statistics

10.311A
Theory of Statistics II—Probability and Random Variables
Prerequisites: 10.001 or 10.011 (Cr).

Preliminary Reading
Moroney M. J. Facts from Figures Pelican
Mosteller F. ed Statistics by Example Vols 1-4 Addison-Wesley
Schmidt M. J. Understanding and Using Statistics Heath

Textbooks
Larson H. J. Introduction to Probability and Statistical Inference 2nd ed Wiley
Statistical Tables

10.311B
Higher Theory of Statistics II—Basic Inference
Prerequisite: 10.311A.
As for 10.311A at greater depth, and covering a slightly wider field.

Textbooks
Kendall M. G. & Stuart A. The Advanced Theory of Statistics Vol 2 2nd ed Griffin
Larson H. J. Introduction to Probability and Statistical Inference 2nd ed Wiley
Larson H. J. Introduction to the Theory of Statistics Wiley Statistical Tables

10.321A
Higher Theory of Statistics II—Probability and Random Variables
Prerequisite: 10.001.
Point estimation (moments, maximum likelihood, minimum x², etc.). Confidence interval estimation, exact and approximate. Elementary Neyman-Pearson theory of tests of significance, standard significance tests. Regression (including curvilinear) on a single fixed variable.

Textbooks
Kendall M. G. & Stuart A. The Advanced Theory of Statistics Vol 1 2nd ed Griffin

10.321B
Higher Theory of Statistics II—Basic Inference
Prerequisite: 10.321A.
The theory of probability, with finite, discrete and continuous sample spaces. The standard elementary univariate distributions: binomial, Poisson and normal; an introduction to multivariate distributions. Standard sampling distributions, including those of x², t and F. Estimation by moments and maximum likelihood (including sampling variance formulae, and regression); confidence interval estimation. The standard tests of significance based on the above distributions, with a discussion of power where appropriate. Experimental design; fixed, random and mixed models, involving multiple comparisons and estimation of variance components.

Textbooks
Freund J. E. Mathematical Statistics 2nd ed Prentice-Hall
Kreyszig E. Introductory Mathematical Statistics Wiley Statistical Tables

10.331
Statistics SS
Prerequisite: 10.001 or 10.021 (Cr).

Textbooks
Bailey N. T. J. Elements of Stochastic Processes with Applications of the Natural Sciences Wiley
Heathcote C. R. Probability: Elements of the Mathematical Theory Allen & Unwin
10.312B
Theory of Statistics III—Experimental Design (Applications) and Sampling
Prerequisite: 10.311B or 10.331 (normally CrU).
Co-requisite: 10.211A.

10.312C
Theory of Statistics III—Experimental Design (Theory)
Prerequisites: 10.311B, 10.111A, 10.111B, 10.211A. Co-requisites: 10.312B, plus any two Level III Pure Mathematics or Applied Mathematics or Theoretical Mechanics units.
Textbook
Graybill F. A. An Introduction to Linear Statistical Models McGraw-Hill

10.312D
Theory of Statistics III—Probability Theory
Prerequisites: 10.311A, 10.111A, 10.111B, 10.211A.
Textbook
Heathcote C. R. Probability: Elements of the Mathematical Theory Allen & Unwin

10.312E
Theory of Statistics III—Statistical Inference
Prerequisites: 10.311B, 10.111A, 10.111B, 10.211A. Co-requisites: Any two Level III Pure Mathematics or Applied Mathematics or Theoretical Mechanics units.
Textbooks
Kendall M. G. & Stuart A. The Advanced Theory of Statistics Vol 2 Griffin

10.322A
Higher Theory of Statistics III—Probability and Stochastic Processes
Prerequisites: 10.321A, 10.111A, 10.111B, 10.211A.
As for 10.312A, but in greater depth.
Textbooks
Bailey N. J. T. Elements of Stochastic Processes with Applications to the Natural Sciences Wiley
Heathcote, C. R. Probability: Elements of the Mathematical Theory Allen & Unwin

10.322B
Higher Theory of Statistics III—Experimental Design (Applications) and Sampling
Prerequisites: 10.321B, 10.111A, 10.111B, 10.211A.
As for 10.312B, but in greater depth.
Textbooks
Cochran W. G. & Cox G. M. Experimental Designs ISE Wiley
Statistical Tables

10.322C
Higher Theory of Statistics III—Experimental Design (Theory)
Prerequisites: 10.321B, 10.111A, 10.111B, 10.211A. Co-requisites: 10.322B plus any two Level III Pure Mathematics or Applied Mathematics or Theoretical Mechanics units.
As for 10.312C, but in greater depth.
Textbook
As for 10.312C.

10.322D
Higher Theory of Statistics III—Probability Theory
Prerequisites: 10.321A, 10.111A, 10.111B, 10.211A.
As for 10.312D, but in greater depth.
Textbook
As for 10.312D.

10.322E
Higher Theory of Statistics III—Statistical Inference
Prerequisites: 10.321B, 10.111A, 10.111B, 10.211A. Co-requisites: Any two Level III Pure Mathematics or Applied Mathematics or Theoretical Mechanics units.
As for 10.312E but in greater depth.
Textbook
As for 10.312E.
10.323
Theory of Statistics IV (Honours)

Textbooks
No set texts. Students are advised by their lecturers.

Graduate Study

10.062G
Advanced Mathematics General
For research workers throughout the University requiring employment of advanced mathematics. Topics vary from year to year according to demand and interest.

10.073G
Advanced Mathematical Analysis of Data
Basic concepts, potential theory, Hilbert Transforms; Interpolation of time series; interpretation of field data, eg ‘smoothing’ procedures; noise elimination; filter theory; reduction of field data; approximation techniques, eg evaluation of slowly convergent series, estimation of geometric properties of equations.

10.181G
Advanced Analysis
Functions and relations. Continuous functions on compact intervals; least upper bound and greatest lower bound, review of derivatives; the Riemann integral; sets of measure zero and the Cantor set; characterization of integrable functions, the Fundamental Theorem of Calculus; sequences of reals—lim sup, lim inf, Cauchy sequences; Bolzano-Weierstrass and the Cauchy Principle of Convergence; sequences of functions; pointwise convergence, need for uniform convergence; Cauchy sequences of functions; interchange of various limit operations; pointwise uniform and mean convergence of Fourier series; Cauchy sequences in the mean; need for Lebesgue integral; construction of the reals via Cauchy sequences; completions in general.

10.182G
Characters and Crystals
Aims to show that the concepts of group, field and vector space are central to algebra and have application in other branches of mathematics and elsewhere. Topics covered to be selected from: Elementary concepts, subgroups, cosets, Lagrange’s theorem, conjugacy, normality, factor groups and Sylow’s theorem illustrated by examples from both finite and infinite group theory. Field extensions as vector spaces. Relationship between field extensions and classical constructibility problems (eg trisection of angles). The Galois group of a normal extension of the rationals. Soluble groups and relationship to solubility of equations. Group representations and characters. Properties of the character table of a finite group. Reflection of properties of the group in the character table. Applications to group theory, in physics and to the theory of crystals.

10.183G
Geometry
Axiomatic treatment of projective planes up to Desargue’s theorem. Pappus theorem and co-ordinatizability; Projective space of three dimensions, including deduction of Desargue’s theorem from the incidence axioms. Quadric surfaces. Cubic surfaces. The 27 lines and their symmetry groups. Hyperbolic geometry (eg upper half plane) and elliptic geometry will be given as examples. Affine geometry. The projective and affine groups. The Euclidean regular solids and their symmetry groups. Symmetries of ‘wall paper’ designs.

10.184G
Number Theory
Prime numbers, facts and conjectures, the Riemann zeta function, multiplicative functions and their generating functions. Quadratic number fields, the unique factorization property, Pell’s equation, the law of quadratic reciprocity, sums of squares, Fermat’s last theorem. Irrational and transcendental numbers, rational approximations, continued fractions.

10.185G
Distributions
Physics, the $\delta$-function and its derivatives; Fourier transform of $1$; the classical operational calculus; principal values of divergent integrals; test functions; Schwartz distributions; convergence of distributions; differentiation of distributions; convergence of Fourier series; distributions solution of differential equations; convolutions; fundamental solutions of the classical partial differential equations; elliptic partial differential equations; Fourier transforms; general solutions of partial differential equations.

10.186G
Hilbert Space
Vector spaces of functions; Inner product spaces; completeness; Hilbert spaces; Isomorphisms of Hilbert space; orthonormal systems and bases; weak convergence; bounded linear functionals and operators; spectrum; compact operators; integral equations; Fredholm alternative; Hermitian, normal and unitary operators; spectral theory of Hermitian operators; unbounded operators; eigenfunction expansions; applications to partial differential equations.

10.187G
History of Mathematics
Major advances in mathematics since the Renaissance, with an emphasis on the period from 1815 to 1939. The evolution of mathematical concepts in various cultures.
10.188G
Topology
Classification of compact surfaces; Winding numbers; Brouwer Fixed Point Theorem; Ham Sandwich Theorem; vector fields on surfaces; critical points on surface; network topology; boundaries and co-boundaries.

10.189G
Seminar in Mathematics Education
Each student submits a paper for discussion, usually on the teaching of a certain topic.

10.281G
Mathematical Methods
Orthogonal systems of functions; completeness; (Legendre, Bessel, Hermite, Tchebycheff functions); integral equations (Hilbert-Schmidt theory); calculus of variations: Euler's necessary conditions; Dirichlet's problem; differential operators; Green's functions; eigenfunction expansions; Sturm-Liouville theory; vibrating rods, plates and membranes; continuous spectra: Schrödinger equations.

10.282G
Mathematics of Optimization
Linear programming; elements of game theory; nonlinear programming; multistage decision problems and dynamic programming; introduction to optimal control; applications.

Quantum Mechanics
Development of Schrödinger equation; interpretation of wave functions, solutions of bound state problems using methods of partial differential equations for simple potentials: square well, harmonic oscillator, hydrogen atom; transformation theory; Schrödinger equation in momentum space; commutation relations; harmonic oscillator via creation and destruction operators; quantum theory of angular momentum; spin; addition of angular momenta; simple problems of energy levels and transitions treated by perturbation theory and group theory.

10.284G
Relativity and Cosmology
Cartesian tensors, general tensors, covariant derivatives; Riemann-Christoffel curvature tensor; Christoffel symbols; geodesics; motivation for special relativity; Lorentz transformation; mass, momentum and energy; energy-momentum tensor; principle of equivalence; Einstein's law of gravitation; spherically symmetric metrics; Schwarzschild's solution; cosmological principle; static universes; evolutionary universes; steady state universe; observational cosmology.

10.381G
Experimental Design I
Modified designs for fixed effects models. Incomplete and balanced incomplete block designs. Confounding and fractional replication. Randomization theory. Multiple comparisons.

Textbooks
Kempthorne O. The Design and Analysis of Experiments Wiley
John P. W. M. Statistical Design and Analysis of Experiments Macmillan

10.382G
Experimental Design II
Extensive treatment of random and mixed models. Combinatorial structure of designs, cross-over and lattice designs, response surfaces.

10.383G
Stochastic Processes

Textbooks
Cox D. R. & Smith W. Queues Methuen
Feller W. An Introduction to Probability Theory and its Applications Vols I & II Wiley

10.384G
Time Series

Textbook
Jenkins G. M. & Watts D. G. Spectral Analysis and its Applications Holden-Day
10.385G
Multivariate Analysis I
Likelihood ratio tests for means, variances and structure. Discriminant, principal component, canonical and factor analysis.
Textbook
Anderson T. W. An Introduction to Multivariate Statistical Analysis Wiley

10.386G
Multivariate Analysis II
The general linear hypothesis and analysis of dispersion. Tests based on roots, distribution theory.
Textbooks
Anderson T. W. An Introduction to Multivariate Statistical Analysis Wiley
Kshirsagar A. M. Multivariate Analysis Marcel Dekker

10.387G
Non-Experimental Statistics
Simple, stratified and systematic random sampling. Estimation of proportions, ratios, and sample sizes. Multi-stage sampling.

10.388G
Sequential Analysis
The sequential probability ratio test—OC and ASN functions. General theory of sequential tests. Sequential estimation.
Textbook
Wald A. Sequential Analysis Wiley

10.389G
Non-Parametric Methods

10.390G
Statistical Inference
Decision theory. General theory of estimation and hypothesis testing.

10.391G
Special Topic A
To be arranged, eg biological statistics, further work on order statistics, population statistics, non-linear programming, discrete distribution theory.

10.392G
Project

10.393G
Special Topic B
To be arranged, eg biological statistics, advanced order statistics, population statistics, non-linear programming, discrete distribution theory and other topics.

10.401G
Seiches and Tides

10.481G
Essay

Philosophy

Undergraduate Study
The study of philosophy is partly the study of perennial problems of common interest to everyone; for example, the foundations of morality, the grounds of religious belief, the source and reliability of knowledge, and the relation between body and mind. Philosophy also leans out to and illuminates other fields of study. Consequently courses in philosophy are designed to make it possible for students to pursue a philosophical interest related to their other interests.

First Enrolment in Philosophy
In Session 1, students will normally take
52.151 Plato;
52.161 Informal Logic;
which each have half-unit value.
In Session 2 they will normally take two half-units chosen from
52.152 Hume;
52.162 Formal Logic;
52.182 Political Philosophy;
52.171 Philosophy of Religion.
Students are required to indicate their Session 2 choice on their initial enrolment forms, but may make alterations later if they wish.
Students who do not take Philosophy in Session 1 may, however, still qualify for admission to Upper Level work by passing two or more Philosophy half-units in Session 2.
Upper and Advanced Level

Students may not proceed to Upper Level work in Philosophy in their first year of study in the Faculty. Students in later years may proceed to Upper Level work after passing two Level I half-units in either session.

At Upper and Advanced Level, Philosophy is presented in session-length 'half-units', some dealing with particular philosophical topics and others capable of being taken in sequences to give more sustained treatments of larger areas. This arrangement makes it possible to offer a wide range of half-units from which students may select freely, subject only to certain stipulations regarding prerequisites.

In certain circumstances the prerequisites specified for units or half-units within this list may be waived; for example, in the case of students who have already studied similar material in other Schools, or who wish to take isolated units or half-units relevant to another discipline without counting them as part of a Philosophy sequence. Students who feel they have a case for a concession of this kind should consult the School.

A major sequence in Philosophy is a sequence containing at least eight half-units (four units) at Upper Level or Advanced Level. It is anticipated that Pass students taking a Philosophy major will normally enroll in two half-units in each session after completing relevant Level I studies. Besides the half-units offered by the School of Philosophy, the units

62.203 The Freudian Revolution;
62.213 Marxism and Science;
62.503 Philosophy of Science

taught by the School of History and Philosophy of Science, may be counted towards a Philosophy major sequence as Upper Level units (each equivalent to two Philosophy half-units).

Admission to half-units designated as 'Advanced Level' is by permission of the School, normally based on a credit level portfolio of at least 4 units, including at least two Advanced Level half-units, with a good overall credit record; and at least 4 units at Upper or Advanced Level.

It is intended that the student's degree of specialization shall increase throughout his course; in his fifth and sixth sessions the intending Honours student should expect to devote the greater part of his program to philosophy, to a maximum of 2½ units in each session.

Selection of Units

The following details will assist students with their initial choice of half-units at Upper Level.

The half-units available in Session 1 having no prerequisite apart from Level I studies are:

52.151 Informal Logic

Prerequisite: None.

A study of some dialogues of Plato with special reference to conceptions of the soul, and their implications for views on morals, politics, education and theory of knowledge.

Textbook

Plato The Last Days of Socrates Tredennick H. trans Penguin Classic

52.161 Informal Logic

Prerequisite: None.

An approach to logic by way of language, treating such topics as the uses of utterances, the truth and significance of statements, the non-formal analysis of arguments, and the logical relations of propositions. Illustrations and examples will be drawn from Freud's The Interpretation of Dreams.

Textbook

Freud S. The Interpretation of Dreams Strachey J. trans Basic or Avon Paperback.
52.171
**Philosophy of Religion**
*Prerequisite: None.*

The philosophy of religion consists in the attempt to answer certain questions. Among these questions are the following: Can it be proved that God exists or proved that he does not? Are "God is benevolent" and "There is evil" incompatible in the sense that everyone who holds that both statements are true contradicts himself?

Can we make sense of the notion of the survival of our own death?

Are such statements as 'God loves us' meaningful? and do they also express something either true or false as opposed to being merely an expression of our own feelings? These are just a selection from the questions that will be examined in this course. The course will be conducted by seminars, lectures and tutorials and will be assessed on the basis of essays.

_textbook_
Weinberg J. R. & Yandell K. E. eds *Philosophy of Religion* Holt Rinehart Winston

52.152
**Hume**
*Prerequisite: None.*

Sections of Hume's *Enquiry*. Topics discussed may include: the miraculous and the existence of God, the mind-body problem and personal identity, the freedom of the will.

_textbook_
Hume D. *On Human Nature and the Understanding* Flew A. ed Collier

52.162
**Formal Logic**
*Prerequisite: None.*

An introduction to a system of natural deduction sufficient for the symbolization of such ordinary language arguments and the construction of such proofs as he within the field of propositional logic and simple predicate logic.

_textbook_

52.182
**Introduction to Political Philosophy**
*Prerequisite: None.*

Individuals live in social, or political, societies. These societies promote, protect and even create some rights and freedoms, limit others, and, perhaps, prohibit still others; and similarly for duties and obligations. Through the works of a number of historically central political philosophers — mainly Plato, Hobbes, Locke, Rousseau and Mill — the course investigates the basis for the origin of political society, its various functions and its relation to the individuals within it.

_textbook_
To be advised.

52.153
**Predicate Logic**
*Prerequisite: 52.162.*

A system of natural deduction is presented for the first order predicate calculus, including identity and definite descriptions. Emphasis is upon construction of formal derivations, methods of showing the invalidity of formal arguments, and the evaluation of informal arguments by symbolization.

_textbook_

52.163
**Descartes**
*Prerequisite: Upper Level status in Philosophy**.

The main issues raised in the philosophy of Descartes and their importance for the development of modern philosophy. Emphasis is upon the cogitato ergo sum argument, the Cartesian method and the search for rational certainty, his theory of ideas, the body-mind problem, and his account of freedom.

_textbook_
Anscombe G. E. M. & Geach P. T. eds *Descartes's Philosophical Writings* Nelson

52.173
**British Empiricism**
*Prerequisite: Upper Level status in Philosophy**.

A survey of the empiricist tradition with special concentration on Locke and Berkeley.

_textbooks_
Armstrong D. M. *Berkeley's Philosophical Writings* Collier * Locke J. *An Essay Concerning Human Understanding* Fontana

52.183
**Greek Philosophy: Thales to Plato**
*Prerequisite: Upper Level status in Philosophy**.

The leading ideas of the Greek philosophers from Thales to Plato, with special reference to the Pre-Socratics.

52.193
**Scientific Method**
*Prerequisite: Upper Level status in Philosophy**.

The nature of empirical knowledge as exemplified in the physical and social sciences and in history, with emphasis on the concept of explanation, the nature of induction and scientific laws, counterfactual statements, and the paradoxes of confirmation.

_textbooks_
Hempel C. G. *Philosophy of Natural Science* Prentice-Hall * Ryan A. ed *Philosophy of Social Explanation* OUP

**Upper Level status in Philosophy consists in 1. being in second or later year of university study, and 2. having taken and passed two Level I Philosophy half-units in the same session. This prerequisite may be waived in certain cases by the School.**

*Paperback.*
52.213
Sartre
Prerequisite: 52.493
An examination of Sartre's account of freedom, relations between persons and his social theory.

Textbooks
Sartre J.-P. Being & Nothingness Methuen or Pocket Books
Sartre J.-P. St. Genet: Actor and Martyr
Laing R. D. & Cooper D. Reason and Violence Tavistock

52.223
Foundations of Mathematics
Prerequisite: 52.153.
A selection of problems concerning the foundations of Mathematics including the following topics: Non-Euclidean Geometry and consistency proofs, Axiomatics, Antinomies of naive set theory, Logicism, Intuitionism, Formalism, Gödel's Incompleteness result.

Textbook
Wilder R. S. An Introduction to the Foundations of Mathematics Wiley

52.233
Argument
Prerequisite: Upper Level status in Philosophy**.
A theoretical study of practical argumentation in the courtroom, politics and everyday life as compared with argument in logic, mathematics and theoretical science. Confirmation and probability, authority, testimony, precedent; rules of debate; criteria of validity; problem of mechanization of practical arguments; logical rationalism and scepticism.

52.243
Logical Atomism
Prerequisite: Upper Level status in Philosophy**.
The logical atomism of Russell and Wittgenstein and of the logical positivist movement.

Textbooks
Peers D. ed Russell's Logical Atomism Fontana

52.253
 Philosophy of Biology
Prerequisite: Upper Level status in Philosophy**.
An introduction to some of the problems associated with the philosophy of biology. Main consideration is the autonomy of biology; ie, whether biology is in principle reducible to the physical sciences and, ultimately, to physics, or whether the biologist necessarily employs types of description and explanation that have no application in the explanation and description of merely physical phenomena. No prior knowledge of biology is assumed but candidates will be expected to familiarize themselves with the attitudes of various biologists to these issues.

Textbook
Nagel E. The Structure of Science Routledge

52.263
Philosophy of Psychology
Prerequisite: 52.193.
A critical examination of some aspects of fundamental theory of psychology, with special emphasis on classical and contemporary behaviourism and behaviourist orientated psychology, and on the general conceptions of 'behaviour' and 'purpose'.
While Psychology I is not a prerequisite for this course, a preparatory survey of the introductory chapters of J. O. Whitaker's Psychology will be of value to students.

Textbook
Fodor J. A. Psychological Explanation Random House

52.273
Aesthetics
Prerequisite: Upper Level status in Philosophy**.
An examination of the central concepts, types of judgment and theories occurring in the fields of aesthetics, art criticism and literary criticism.

Textbook
Radar M. ed A Modern Book of Aesthetics Holt Saunders

52.283
Philosophical Study of Woman
Prerequisite: 52.182 or 52.203 or 52.493.
A discussion of crucial structures involved in women's situation.

52.293
Plato's Later Dialogues
Prerequisite: 52.483 Plato's Theory of Forms (or, by permission, a course covering similar material.)
A course centered round some of Plato's later dialogues, the Theaetetus and Sophist in particular.

Textbooks
Plato Theaetetus McDowell J. trans OUP
Plato Parmenides and Other Dialogues Warrington J. trans Everyman

**Upper Level status in Philosophy consists in 1. being in second or later year of university study, and 2. having taken and passed two Level I Philosophy half-units in the same session. This prerequisite may be waived in certain cases by the School.
52.303  
**Spinoza and Leibniz**  
*Prerequisite: 52.163.*

The main issues raised in the philosophy of the two great seventeenth century rationalists, with emphasis upon the development of their metaphysical systems in response to unresolved problems in the philosophy of Descartes and to contemporary scientific thinking. Their ethical views.

**Textbooks**

Leibniz G. W. *Philosophical Writings*  
Parkinson G. H. R. ed  
Everyman

Spinoza B. *Ethics and On the Improvement of the Understanding*  
Both available in *Works of Spinoza* Elwes R. H. M. trans  
Dover

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52.323  
**Set Theory**  
*Prerequisite: 52.153 or 26.812 or 10.001 or 10.011 or 10.021.*

An axiomatic development of Zermelo-Fraenkel set theory, including a construction of the natural numbers, equinumerosity, ordinal and cardinal numbers, the axiom of choice and some of its consequences.

**Textbook**

Suppes P. *Axiomatic Set Theory* Van Nostrand

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52.343  
**Privacy and Other Minds**  
*Prerequisite: 52.163 and either 52.173 or 52.243.*

An introduction to the questions of (a) whether there is anything that a person can know which it is logically impossible for anybody else to know, (b) whether it is logically possible that anybody should speak a language that cannot be understood by anybody else, and (c) how we come to understand another person’s mind.

**Textbooks**


Ayer A. J. *The Problem of Knowledge* Any edition

Strawson P. F. *Individuals: An Essay in Descriptive Metaphysics* Methuen *

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52.353  
**History of Modern Logic**  
*Prerequisite: 52.153.*

A historical treatment of selected topics in logic since Boole, with particular reference to Frege, Russell and Wittgenstein.

**Textbook**

Kneale W. & M. *The Development of Logic* OUP

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52.363  
**Wittgenstein**  
*Prerequisite: 52.243.*

A study of some themes in the later philosophy of Wittgenstein.

**Textbooks**

Coope C. et al *A Wittgenstein Workbook* Blackwell

Wittgenstein L. *Philosophical Investigations* Blackwell

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52.373  
**Philosophical Foundations of Marx’s Thought**  
*Prerequisite: 52.182 or 52.203. (May be waived, with permission, for students who have already studied political philosophy.)*

A study of Marx’s thought with special reference to philosophical issues, and philosophical origins.

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52.383  
**Twentieth Century Marxist Philosophy**  
*Prerequisite: 52.182 or 52.203. (May be waived, with permission, for students who have already studied political philosophy.)*

A study of selected twentieth century Marxist theorists with reference to philosophical problems in the fields of ethics, science, history, and politics. Particular attention will be paid to the debate on the nature and philosophical implications of the rediscovered Hegelian origins of Marxism, from Lukacs and Korsch to Althusser. Other authors to be studied include Gramsci, Sartre and Marcuse.

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52.393  
**History of Traditional Logic**  
*Prerequisite: 52.153.*

A historical treatment of selected topics in logic before 1850, including: the traditional theory of deduction; the rhetorical tradition; topics and fallacies; the medieval theory of terms; traditional treatments of modality; logic in India and China.

**Textbook**

Kneale W. & M. *The Development of Logic* OUP

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52.403  
**Model Theory**  
*Prerequisite: 52.323 or 10.1123.*

The metamathematics of the predicate calculus from the point of view of model theory. Topics include the deduction theorem, consistency, completeness, theories with equality, prenex normal forms, categoricity and second order theories.

**Textbook**

Mendelson E. *Introduction to Mathematical Logic* Van Nostrand

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**Upper Level status in Philosophy consists in 1. being in second or later year of university study, and 2. having taken and passed two Level 1 Philosophy half-units in the same session. This prerequisite may be waived in certain cases by the School.**

*Paperback.*
52.413
Reading Option
Admission by permission, to suitable students with good passes in at least two half-units at Upper Level. A course of individually supervised reading and assignments on an approved topic not otherwise offered.

52.463
Introduction to Transformational Grammar
Prerequisite: Any Level 1 unit.
Transformational grammar from the beginning: its history, goals, theory and practice. The emphasis is on understanding and constructing arguments for one transformational system over another.

Textbook
Jacobs R. & Rosenbaum P. English Transformational Grammar Blaisdell

52.473
Semantics of Natural Language
Prerequisite: 52.153 or 52.463.
A study of recent developments in that area which is the common concern of linguistics, logic and the philosophy of language. Topics include the goals of linguistic theory, the relevance of formal logic to natural language, and truth, meaning, and presupposition in natural language.

52.483
Plato's Theory of Forms
Prerequisite: Upper Level status in Philosophy**.
(Not available to students who have taken a similar course at first level.)
A study of some dialogues of Plato, with special attention to Socratic definition and Plato's Theory of Forms.

Textbook
Plato The Last Days of Socrates Tredennick H. trans Penguin

52.493
Existentialism
Prerequisite: Upper Level status in Philosophy**.
An attempt is made to trace the historical origins of Existentialism, firstly by studying the ethical foundations in writings of Soren Kierkegaard and Friedrich Nietzsche, and secondly the epistemological foundations in Husserl's phenomenology. The confluence of these two streams in the writings of the French philosopher Jean-Paul Sartre is then examined and the influence of existentialism on modern psychiatry and theology is discussed. The course is conducted by seminars and assessed by essays.

Textbook
Warnock M. Existentialism Oxford Opus 52

52.503
Utopias
Prerequisite: Upper Level status in Philosophy**; and 52.182 or 52.203.
Traces the various developments in utopian theory by studying the acknowledged classics in the field, eg Edward Bellamy's Looking Backward, William Morris's News from Nowhere, and examining the arguments of the critics of Utopia, eg Karl Marx, Karl Popper. The practical details of utopian settlements, especially those created in the 'New World', like Robert Owen's New Heaven and the Rappite community's Harmony. This course is conducted through seminars and assessed by essays.

Textbook
Manuel E. ed Utopias and Utopian Thought Beacon Press

52.513
Social and Political Philosophy
Prerequisite: Upper Level Status in Philosophy** and 52.182.
Largely through contemporary writings, including a number of journal articles, the course examines such notions as justice, liability, responsibility, coercion, rights and punishment and the issues surrounding these notions.

52.523
Classical Ethical Theories
Prerequisite: Upper Level Status in Philosophy**.
A survey of some central and quite influential works in the history and development of moral philosophy. Comparison of certain aspects of these moral theories, comparison of the varying approaches taken by these philosophers, and the development of certain ideas through these philosophers. Most attention, however, is directed towards examining and understanding each theory in itself.

52.533
Contemporary Ethics
Prerequisite: 52.523*.
A survey of some central themes in contemporary ethical theory (beginning with G. E. Moore), focusing primarily on questions concerning the use, meanings, and logic of moral terms and concepts.

52.543
The Philosophy of Love
Prerequisite: 52.163 or 52.173 or 52.263.
Four main topics:
1. The distinction between eros and agape. This, together with the cognate distinctions between desire and love and between lust and love, is considered with an emphasis on Plato, St. Paul, St. Augustine, St. Thomas Aquinas, and Luther. Ovid,

**Upper Level status in Philosophy consists in 1. being in second or later year of university study, and 2. having taken and passed two Level 1 Philosophy half-units in the same session. This prerequisite may be waived in certain cases by the School.

*May be waived with the consent of the lecturer.
Lucretius and Freud are given secondary consideration in this section (Freud on genital and narcissistic love).

2. The relation between love and reason. This, together with the relation between love and will, is studied mainly in Plato, St. Augustine and St. Thomas. Freud is given secondary consideration.

3. Union and separation. This is studied mainly in Plato, St. Augustine, Plotinus. Secondary consideration will be given to St. Teresa, Hegel and McTaggart and Freud.

4. Courtly and romantic love. The attachment to the unattainable which is treated in various texts from the troubadours to the modern novel and film.

Advanced Level units

52.423 Seminar A
Admission by permission, based on a credit record in Upper Level units. A study of topics of contemporary interest mainly from selected journal articles. Students are expected to contribute papers.

52.433 Seminar B
Admission by permission, based on a credit record in Upper Level units. A study of topics of contemporary interest mainly from selected journal articles. Students are expected to contribute papers.

52.443 Seminar C
Admission by permission, based on a credit record in Upper and/or Advanced Level units. A study of topics of contemporary interest mainly from selected journal articles. Students are expected to contribute papers. May be combined with 52.423 Seminar A.

52.453 Advanced Reading Option
Admission by permission, to suitable students with a credit record in Upper and/or Advanced Level units.

Honours Level unit

52.504 Philosophy Honours
Admission is subject to completion of Upper Level or Advanced Level units or half-units, from among those that may be counted towards a major sequence in Philosophy, to a total of 6 units, including at least two Advanced Level half-units, with a good overall credit record; and at least 4 further units at Upper or Advanced Level.

The course consists of the writing of a research thesis under supervision and two seminars.

In 1977 the following seminars are offered: (1) Philosophy of Language, in the works of Russell, Strawson, Austin, Quine, Chomsky and others. (2) Kant: a study in particular of his metaphysics and epistemology. (Prerequisites: 52.173, 52.303.). (3) Topics in Logic: (Prerequisite: 52.403.).

Graduate Study

52.501G Set Theory
An advanced treatment of Zermelo-Fraenkel set theory.

52.502G Formal Linguistics
The theory of formal grammars, and their application to natural and artificial languages; finite-state grammars, stochastic models and the theory of information; context-freedom and context-dependence; meaning; generators and acceptors; formal dialogue.

52.503G Model Theory
The metamathematics of the predicate calculus from the point of view of model theory: a more advanced treatment of the topics covered in the undergraduate course in model theory.

52.504G Automata and Computation
The theory of automata; Turing's theorem and its extensions; machine languages and programming languages; mechanical decision and semi-decision.

52.505G Metamathematics
Not available in 1977.

52.506G Modal Logic
Not available in 1977.

52.507G Non-Standard Logics
Not available in 1977.

52.508G Topics in Logic
Not available in 1977.

Designed to familiarize students with the main trends in contemporary logic. A selection of topics from the current literature, including the logic of questions and imperatives.
Physics

Undergraduate Study

The School of Physics has introduced new and revised Level II units. The School realises that some students presently enrolled will not have completed all of the old Level II units. Some of the new units are sufficiently compatible, to permit substitution of a new unit in a program requiring an old unit. Where this is not possible the old units are provided for those students wishing to complete a set of Level II units.

Level I units

1.001
Physics I

Prerequisite: Science Faculty Entrance.

Aims and nature of physics and the study of motion of particles under the influence of mechanical, electrical, magnetic and gravitational forces. Concepts of force, inertial mass, energy, momentum, charge, potential, fields. Application of the conservation principles to solution of problems involving charge, energy and momentum. Electrical circuit theory, application of Kirchhoff's Laws to AC and DC circuits. Uniform circular motion, Kepler's Laws and Rotational mechanics.

A molecular approach to energy transfer, kinetic theory, gas laws and calorimetry. The wave theories of physics, transfer of energy by waves, properties of waves. Application of wave theories to optical and acoustical phenomena such as interference, diffraction and polarization. Interaction of radiation with matter, photoelectric effect, Compton effect, spectroscopy. Resolution of the wave—particle paradox by means of wave mechanics and the uncertainty principle.

Textbook

Weidner R. T. & Sells R. L. Elementary Physics, Classical and Modern Allyn & Bacon

1.001H
Higher Physics I

Prerequisite: Science Faculty Entrance.

For students of all Faculties except Medicine and Architecture who have a good secondary school record and who wish to do a more challenging course.

As for 1.001 with additional topics: space physics, mechanical properties of real materials, rotational dynamics, physics of biological systems, AC and charged particle dynamics, physics of energy resources and conversion.

Textbooks

Russell G. J. & Mann K. Alternating Current Circuit Theory UNSWP

Weidner R. T. & Sells R. L. Elementary Physics, Classical and Modern Allyn & Bacon

Level II units

1.012
Mechanics and Thermal Physics

S1 L3T2

Prerequisites: 1.001, 10.001. Co-requisite: 10.211A.

Properties of solids and liquids, elasticity, hydrostatics, hydrodynamics, damped and forced vibrations, resonance, coupled systems, normal modes, Fourier analysis, waves, group velocity, reflection and transmission at a boundary.

Kinetic theory, Maxwell velocity distribution, transport coefficients, first and second laws of thermodynamics, thermodynamic functions, simple applications, microscopic approach to thermodynamics, Boltzmann probability.

Additional material is studied for the award of Distinction/High Distinction.

Textbooks

French A. P. Vibrations and Waves Nelson

Mandl F. Statistical Physics Wiley

1.022
Electromagnetism and Modern Physics

S2 L3T2

Prerequisites: 1.001, 10.001. Co-requisite: 10.211A.

Electrostatics in vacuum and in dielectrics, Gauss' law, current density, magnetostatics in vacuum and in magnetic materials, electromagnetic induction, displacement current, Maxwell's equations, simple solutions, applications.

Special theory of relativity, Lorentz transformation, simultaneity relativistic mass, momentum and energy, formalism of wave mechanics, Schrodinger's equation, simple solutions, hydrogen atom, spectra, electron spin, selection rules, exclusion principle, Zeeman effect, molecules.

Additional material is studied for the award of Distinction/High Distinction.

Textbooks


Arya A. P. Elementary Modern Physics Addison-Wesley

or

Arya A. P. Fundamentals of Atomic Physics Allyn & Bacon

(For students intending to proceed to Level III physics.)

1.032
Laboratory

FT3

Prerequisites: 1.001, 10.001.

Alternating current circuits, complex impedance, resonance, mutual inductance, introductory electronics, diode characteristics and circuits, power supplies, transistor characteristics, single stage and coupled amplifiers, experiments using AC circuits. Experimental investigations in a choice of areas including radioactivity, spectroscopy, properties of materials, Hall effect, nuclear magnetic resonance, photography, vacuum systems.

Textbooks

No set texts.
1.112A  
**Electromagnetism**

*Prerequisites: 1.001, 10.001. Co-requisite: 10.211A.*

Not available to students unless completing a set of Physics Level II units.

Electrostatics in vacuum and in dielectrics. Magnetostatics in vacuum and in magnetic materials. Maxwell’s equations and simple applications.

*Textbook*


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1.112B  
**Modern Physics**

*Prerequisites: 1.001, 10.001. Co-requisite: 10.211A.*

Not available to students unless completing a set of Physics Level II units.

Special theory of relativity, Lorentz transformation, relativistic mass momentum and energy: Schrödinger wave equation expectation values, operators, eigenfunctions, eigenvalues, free-particle, bound-particle and applications to physical systems, spectra, electron spin, spin-orbit coupling, exclusion principle, origins and spectra of X-rays, electron energy levels in solids.

*Textbook*

Arya A. P. *Elementary Modern Physics* Addison-Wesley

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**Political Science**

**Undergraduate Study**

Courses in the School of Political Science are concerned with the study of political ideas, institutions and activity in such a way as to encourage a critical understanding of the problems and processes of government and politics in different societies and at different times, and of some of the main theories that have been developed to account for, and sometimes advocate, these governmental forms and actions.

**Level I units**

Students are reminded that under Arts Faculty rules no more than two Level I units may be taken in any one subject. Students wishing to proceed to upper level units in Political Science should note that the prerequisite is two Level I units including 54.901.

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**Session 1**

54.901  
**Australian Politics A or Australian Politics B**

Students can only choose one option, either Australian Politics A or Australian Politics B.

**Australian Politics A: Issues, Parties and Policies.**
An introductory study of Australian politics in a world context, with special reference to 1. contemporary political issues and values 2. conflicts of interests and parties 3. democracy, policies and the major political institutions.

**Compulsory Preliminary Reading**


**Textbooks**

Crisp L. F. *Australian National Government* Longman latest ed

Emy Hugh *Politics of Australian Democracy* Macmillan

Mayer H. & Nelson H. eds *Australian Politics: A Fourth Reader* Cheshire

**Australian Politics B: The Framework of Government and its Bearing on Political Events and Practices.** An institutional approach to Australia’s federal system of government and to its implications for current events and practices in Australian politics. Includes: political parties; bureaucracy; pressure groups; electoral systems; elections and the manifold influences which impinge upon such contests.

**Textbooks**

Crisp L. F. *Australian National Government* Longman latest ed

Emy Hugh V. *The Politics of Australian Democracy* Macmillan

Lucy R. ed *The Pieces of Politics* Macmillan

Mayer H. & Nelson H. eds *Australian Politics: A Fourth Reader* Cheshire

Sawer G. *Australian Government Today* MUP

**Session 2**

54.902  
**Comparative Politics**

The comparative study of political systems (democracies, totalitarian regimes and various types of dictatorships and autocracies, the politics of developing nations and primitive societies, etc), emphasising such issues as political leadership, political participation and opposition, the distribution of political power, influence and authority.

**Textbooks**


Blondel J. *Comparing Political Systems* Weidenfeld & Nicolson


Miller J. D. B. *The Nature of Politics* Pelican

54.903  
**Some Major Political Theories**

Illustrated by some ‘great debates’ on important general political issues.

**Textbook**

Announced in Session 1.
Upper Level Units

54.202
Selected Political Theorists
Prerequisite: Two first year units including 54.901.
Lectures/tutorials on a miscellany of past and present political theorists. The course content varies from year to year but ranges widely from the 14th to the 20th century: eg the course has included Marsilius of Padua, Sir Thomas More, Vico. Saint-Simon, Tocqueville, Proudhon, Jefferson, Sorel, J. S. Mill. Reading lists are given by lecturers prior to their own lectures on specific thinkers.

54.212
Politics of the U.S.S.R.
Prerequisite: Two first year units including 54.901.
The three main periods into which Soviet political history is conventionally divided: the pre-Stalinist period from the revolution to the late 1920s, from the late 1920s to Stalin's death in 1953, and the post-Stalinist period to the present.
Textbooks
Schapiro L. The Government and Politics of the Soviet Union 2nd ed Hutchinson
Schapiro L. The Communist Party of the Soviet Union Methuen

54.222
Politics of the U.S.
Prerequisite: Two first year units including 54.901.
A general view of US politics with particular emphasis on major institutions and long-term issues.
Compulsory Preliminary Reading
de Tocqueville Democracy in America any paperback ed
Levine E. L. & Cornwall E. E. Jr An Introduction to American Government 2nd ed Macmillan NY
Textbooks
Beloff M. & Vale V. eds American Political Institutions in the 1970s Macmillan

54.232
Politics of China
Prerequisite: 2 first year units including 54.901.
An introductory study of Chinese Politics with special attention to political issues, values, and the conflicts of interests in policy making. Includes the development and nature of communism in China, economics and development strategy, education and culture, defence and foreign policy.

54.242
British Government
Prerequisite: Two first year units including 54.901.
The structure of politics and decision-making in Britain.
Textbooks
Beer S. Modern British Politics Faber

54.252
International Relations
Prerequisite: Two first year units including 54.901.
The nature of the international political system, the problem of conflict and war between nations, and the more important ways in which this conflict has been, and may be, contained.
Textbooks
Dougherty J. E. & Pfaltzgraff R. L. Contending Theories of International Relations Lippincott
Lanyi G. A. & McWilliams W. C. eds Crisis and Continuity in World Politics 2nd ed Random House

54.262
The Government and Politics of Germany and Italy*
Prerequisite: Two first year units including 54.901.
The twentieth century political history of Germany and Italy.
Textbooks
Germino D. & Passeggi S. The Government and Politics of Contemporary Italy Harper & Row
Heldenhheimer A. J. The Governments of Germany Crowell

54.272
Comparative Foreign Policy
Prerequisite: Two first year units including 54.901.
Foreign policy, the components in the making of foreign policy, and some of the basic strategies available in foreign policy. The foreign policies of a number of particular countries.
Textbooks
Macridis R. C. Foreign Policy in World Politics 5th ed Prentice-Hall
Morgenthau H. J. Politics Among Nations 3rd ed Knopf

*Except in special circumstances, students enrolled in this course may not also enrol in 64.630 Germany since 1945, offered in the School of German.
54.292
Politics and the Media
Prerequisite: Two Political Science first year units including 54.901, or Sociology IA 53.101 and Sociology IB 53.102.

Relations between the media and political life. Analyses of media organizations and media styles. Consideration of 'image', 'communication', 'influence', 'sociodrama', 'political agenda'. The context is Australian.

Preliminary Reading
McQuail D. Towards a Sociology of Mass Communication Collier-Macmillian
Major G. ed Mass Media in Australia Hodder & Stoughton

Lists of textbooks and principal reference books supplied prior to commencement of course.

54.203
Introduction to African Politics
Prerequisite: Two first year units including 54.901.

This course may not be available in 1977.

A survey of the general political (and related) characteristics of the continent. The course includes the following topics: kinship, race, class, state-formation, early states, colonialism, independence movements, party systems, military government, and modernization.

Textbooks
Readings are assigned covering each topic. Students who wish to own a textbook may purchase Bretton H. Power and Politics in Africa.

54.213
Public Policy Making
Prerequisite: Two first year units including 54.901.

The problems of administering government and the problems of decision making. Models of decision making are discussed, for example legal-rational, incremental, 'muddling through', and the systems models as well as some theoretical material on bureaucracy (Weber, Blau, Simon, March).

Areas of public policy in Australia are looked into and problems peculiar to Australia, arising for example from our federal structure and the nature of local government and comparisons made with similar areas in the United States and the United Kingdom and in some instances France and Scandinavia (eg education, urban policy, health and welfare, statutory corporations, bureaucratic responsiveness and open government).

Similarities between public bureaucracy and decision making and private bureaucracy and decision making, multinational corporations and the extent of governmental involvement and support for the private sector.

Textbooks
Spann R. N. Public Administration in Australia NSW Government Printer
Spann R. N. & Curnow G. R. Public Policy and Administration in Australia: A Reader Wiley

54.302
Marxism
Prerequisite: Two first year units (Cr) including 54.901.

Topics: the Hegelian and 'Young Hegelian' background, the dialectic, the materialist conception of history, the theory of social class and of class conflict, the theory of the state and of the dictatorship of the proletariat.

Required Reading

There are various possible collections or anthologies:
Marx-Engels Selected Works. 2 vols Foreign Languages Publishing House Moscow
Feuer L. S. The Basic Writings on Politics and Philosophy of Marx and Engels Penguin also American ed Anchor

54.312
Fascism
Prerequisite: 2 first year units (Cr) including 54.901. Co-requisite: 54.262.

An examination of various approaches to the study of Fascism.

Textbooks
No set texts. Reading lists are available at the School office.

54.322
British Government: B
Prerequisite: 2 first year units (Cr) including 54.901.

The nature and character of the British Labour Party.

Textbooks
No set texts. Reading lists are available at the School.

54.332
Federalism: An Australian Perspective
Prerequisite: 2 first year units (Cr) including 54.901.

Australian federalism, not only in terms of constitutional law and parliamentary institutions, but also other matters such as public finance, political parties, pressure groups.

Textbooks
No set texts. Reading lists are available at the School.

54.342
International Security
Prerequisite: 2 first year units (Cr) including 54.901. Co-requisite: 54.252.

The nature and meaning of 'security' in the international context. The more important avenues or areas of endeavour currently being canvassed to strengthen international security.

Textbooks
No set texts. Reading lists are available at the School office.

*Paperback.
54.352
**Plato and Machiavelli**

*Prerequisite: 54.901(Cr) and 54.903(Cr).*

Not offered in 1977.

Plato's *Republic* and *The Prince* and Discourses of Machiavelli, and other works by these authors. At the end of the seminars some time is spent on points of comparison and contrast.

**Textbooks**

- Plato Works Vols I, V & VI Loeb Classical Library
- Plato *The Last Days of Socrates* Penguin
- Plato *The Republic* Comford Oxford
- Machiavelli *Il Principe e i Discorsi* Feltrinelli Milan
- Machiavelli *The Prince & The Discourses* Modern Library New York

54.601
**Politics of the USSR: B**

*Prerequisite: Two first year units (Cr) including 54.901. Co-requisite: 54.212.*

Major issues in the interpretation of Soviet politics, such as interest group theory, post-Stalin mechanisms of social control, the totalitarian model and its critics, hypotheses about the future of the Soviet political system.

**Textbooks**

No set texts. Reading lists are available at the School office.

54.372
**Australian Foreign Policy**

*Prerequisites: 2 first year units (Cr) including 54.901. Co-requisites: 54.272 or 54.232.*

Some of the major figures who have either participated in the making of, or been prominent critics of, Australian foreign policy, and the kinds of concepts which have informed their approach; what light the Australian experience casts on the meaning of some key terms which have a wider application in international politics.

**Textbook**

Watt A. *The Evolution of Australian Policy* C.U.P.

54.382
**Political Theory**

*Prerequisite: 54.901(Cr) and 54.903(Cr).*

Not available in 1977.

The methodology of political theory analysis and the historiography of political thought: tradition and political ideas, originality and influence, intention, relevance, political theory and the history of political ideas, literary style and political imperative.

**Textbooks**

No set text. Reading lists supplied before commencement of the course.

54.392
**Aspects of Australian Political Culture**

*Prerequisite: Two first year Political Science units (Cr) including 54.901, or History 51.521 (Cr).*

An examination in an Australian context of theories of political culture, political symbolism, political legitimacy, social 'types' and administrative 'styles'.

**Preliminary Reading**

- Dawson R. E. & Trewitt K. *Political Socialization* Little, Brown
- Horne D. *The Australian People* A & R

54.602
**Politics of the US: B**

*Prerequisite: 2 first year units (Cr) including 54.901. Co-requisite: 54.222.*

This course builds on the pass course, applying it to current issues and problems. Case studies are examined.

**Textbooks**

- Dye T. *Understanding Public Policy* 2nd ed Prentice-Hall
- Palamountain J. C. et al *Issues and Perspectives in American Government* Scott Foresman
- Schlesinger A. *The Imperial Presidency*

54.605
**Administration and Decision Making: A Comparative Perspective**

*Prerequisite: Two first year units (Cr) including 54.901.*

Session 1: takes Australia as the focus for studying problems of decision making in government; areas such as open government, intergovernmental relations, local government and the differences between the workings of the public sector and the private sector are looked at. Session 2: the problems of administering government and of decision making are examined either in developing countries or in western developed countries according to the interests of the students.

**Preliminary Reading**

- Dye T. *Understanding Public Policy* 2nd ed Prentice-Hall
- Spann R. N. *Public Administration in Australia* NSW Government Printer

**Textbooks**

No set texts. Reading lists are available at the School office.

*Paperback.*
54.606
Politics of Indonesian Society
Prerequisite: Two first year units (Cr) including 54.901.
Indonesian political economy.

Textbooks
Geertz C. Agricultural Involution Yale UP
Legge J. D. Indonesia Prentice-Hall
Mortimer R. Showcase State: The Illusion of Indonesia's Accelerated Development A & R
Polomka P. Indonesia Since Sukarno Penguin
Wertheim W. F. Indonesian Society in Transition 2nd ed Van Hoeve The Hague

54.607
Chinese Political Thought
Prerequisite: 54.901 (Cr) and 54.903 (Cr).
Examines the Confucianist and Anti-Confucianist ideas in pre-China (221 B.C.) and these ideas since the 1898 reform, concentrating on the nature of their disputes.

Preliminary Reading
Feng Y. L. A Short History of Chinese Philosophy Macmillan
Tan C. T. Political Thought in the 20th Century Wren
Waley A. Three Ways of Thought in Ancient China Allen & Unwin

Textbooks
Reading lists are available in the School office.

54.608
Analytical Political Theory
Prerequisite: Two first year units (Cr) including 54.901.
A survey of the basic ideas implicated in political thought and action. The emphasis is not upon history, but upon logic. The concepts discussed include order, sovereignty, federalism, liberty, authority, justice, equality, fraternity, law, toleration, rights, ideology and related notions.

Textbooks
Readings are assigned covering each concept. Students who wish to own a textbook may purchase either Benn & Peters Social Principles and the Democratic State, or Quinton A. Political Philosophy.

Advanced Level Units
Available for students intending to take a special Honours degree in Political Science (and others who have satisfied the prerequisites).

Intending Honours students should plan their programs in consultation with the Head of School or the Course Advisor.

Each Advanced Level unit consists of work in a 1-unit Upper Level course, plus such additional work as is prescribed by the Head of School (normally consisting of advanced seminar work on a topic related to the subject of the Upper Level course).

54.401
Political Science Advanced: A
Prerequisite: Credit or better in all preceding Political Science units including 54.901, and 54.902 or 54.903.
Consists of work in any Upper Level 1-unit course and such additional seminar work as is prescribed by the Head of School.

54.402
Political Science Advanced: B
Prerequisite: Credit or better in all preceding Political Science units including 54.901, and 54.902 or 54.903.
Consists of work in any Upper Level 1-unit course and such additional seminar work as is prescribed by the Head of School.

54.403
Political Science Advanced: C
Prerequisite: Credit or better in all preceding Political Science units including 54.901, and 54.902 or 54.903.
Consists of work in any Upper Level 1-unit course and such additional seminar work as is prescribed by the Head of School.

54.404
Political Science Advanced: D
Prerequisite: Credit or better in all preceding Political Science units including 54.901, and 54.902 or 54.903.
Consists of work in any Upper Level 1-unit course and such additional seminar work as is prescribed by the Head of School.

Honours Level units

54.801
Political Science (Honours)
Prerequisites: The minimum program of study in the School of Political Science for a student intending to take a Special Honours degree is the four Advanced Level units in Political Science plus two of the Upper Level 1-unit courses.

Students intending to proceed to an Honours degree in Political Science would normally enrol in the following units:
Year 1: 54.901, and 54.902 or 54.903.
Year 2: 54.401 and 54.402 plus any Upper Level 1-unit course.
Year 3: 54.403 and 54.404 plus any Upper Level 1-unit course.
Year 4: 54.801 (double unit).

The prerequisite for entry into the 4th Year Honours course is a pass at Credit Level or better in all the Political Science units taken in the preceding three years, subject in special cases to the discretion of the Head of School.
Students are required: 1. To undertake an original piece of work extending throughout the year and to submit a thesis based upon it. 2. To complete the course on Theory and Method and a number of the following options during the year:

Options:
1. Problems of international order; 2. Literature and politics; 3. Theories of public administration and organization; 4. Australian politics and Australian culture; 5. Chinese communism; 6. Theories of revolution. These options are subject to the availability of staff to teach them. Reading lists for these options are issued by the lecturers.

The course includes training in methods of psychological enquiry, and the use of elementary statistical procedures.

Textbooks
Lumden J. Elementary Statistical Method rev ed WAUP
Mednick S. A., Higgins J. & Kirschenbaum J. Psychology: Explorations in Behavior and Experience Wiley Int ed
or
Selected Scientific American reprints as advised by the School

Upper Level unit

12.122 Psychology II (Pass)
Prerequisite: 12.001.

The Lecture course is offered in four parts: personality development, individual differences, social behaviour, and learning.

The Tutorials involve some statistics, covering the fundamentals of hypothesis testing. Other tutorials involve practical work, and discussion of material covered in the lectures.

Advanced Level units

12.052 Basic Psychological Processes II
Prerequisite: 12.001 with Advanced Pass.

The basic phenomena of behaviour and experience in a biological context.

Textbooks
Gray J. A. The Psychology of Fear and Stress World Univ Library
Seligman M. E. P. Helplessness Freeman & Co

12.062 Complex Psychological Processes II
Prerequisite: 12.001 with Advanced Pass.

Students select for concentrated study two areas from visual perception, social bases of behaviour, and information processing and cognitive functioning.

Information Processing and Cognitive Functioning

Textbook
Horton D. L. & Turnage T. W. Human Learning Prentice-Hall

Undergraduate Study

Level I unit

12.001 Psychology I
An introduction to the content and methods of psychology as a behavioural science, with special emphasis on 1. the biological and social bases of behaviour, 2. learning, and 3. individual differences.
Perception

Textbook

12.152
Research Methods II
Prerequisite: 12.001 with Advanced Pass.

General introduction to the design and analysis of experiments; hypothesis testing, estimation, power analysis; general treatment of simple univariate procedures; correlation and regression.

Textbooks
Anderson B. F. The Psychology Experiment: An Introduction to Scientific Method 2nd ed Brooks/Cole

12.153
Research Methods IIIA
Prerequisites: 12.052, 12.062, 12.152.

Analysis of variance—one way and complete factorial designs. Elementary Fortran programming, emphasizing editing of data for use in package programs.

Textbook

12.163
Research Methods IIIIB
Prerequisite: 12.153.

Experimental Design; complex analysis of variance; planned and post hoc comparisons; multivariate procedures as data reduction techniques.

Textbook

12.173
Psychological Issues III *
Prerequisites: 12.052, 12.062, 12.152.

Historical background to modern psychology, emphasizing philosophical, conceptual, and methodological problems. Literature project

12.253
Learning IIIA
Prerequisites: 12.052, 12.062, 12.152.

The basic operations and processes in classical and operant conditioning are described. Topics include: reinforcement; punishment; behavioural contrast; adjunctive behaviours; the classical conditioning of skeletal responses (sign-tracking); and the operant conditioning of autonomic responses.

Textbook

12.263
Learning IIIIB
Prerequisite: 12.253.

The conditions under which animals select stimuli to become signals for other events is described. Theories concerned with how this is accomplished will also be outlined. Topics include: blocking; conditioned inhibition; higher-order conditioning; CS-US specificity; and long-delay learning.

Textbook

A list of papers that are required reading for the course is available from the School office.

12.303
Personality IIIA
Prerequisites: 12.122 (Cr) or 12.052, 12.062, 12.152.

The development of personality, with reference to biological and social determinants. Personality dynamics and structure. Human potential: the humanist—existential tradition.

12.313
Personality IIIIB *
Prerequisites: 12.052, 12.062, 12.152.

The psychology of interpersonal relationships and transactions. Techniques of interpersonal influence.

12.323
Motivation IIIA *
Prerequisites: 12.052, 12.062, 12.152.

The conditions governing the arousal and direction of behavioural sequences, with particular reference to the social determinants of the goals of behaviour.

12.373
Psychological Assessment (Testing) IIIA
Prerequisites: 12.122(Cr) or 12.052, 12.062, 12.152.

Principles and techniques of psychological assessment. Types of tests and their application in selection and allocation procedures.

*Not offered in 1977.
Arts

12.383
Psychological Assessment (Psychometric Theory) IIIB *
Prerequisites: 12.052, 12.062, 12.152.

12.413
Physiological Psychology IIIA
Prerequisites: 12.122 (Cr) or 12.052, 12.062, 12.152.
Elementary neurophysiology, neuropharmacology, and neuroanatomy. Brain control of eating, aggression, copulation, memory, language and functional disorders.

Textbook
Thompson R. F. Introduction to Physiological Psychology
Harper & Row

12.423
Physiological Psychology IIIB
Prerequisites: 12.052, 12.062, 12.152 and 12.413.

Textbook
Thompson R. F. Introduction to Physiological Psychology
Harper & Row

12.453
Human Information Processing IIIA
Prerequisites: 12.052, 12.062, 12.152.
The stages involved in the reception of stimulus information from the environment, its analysis, storage, and translation into responses. Particular emphasis will be given to the processes which have the effect of reducing the amount of information to be subsequently stored or further processed. Special attention will be given to the comprehension, storage and utilization of semantic information.

Textbooks
Horton D. L. & Turnage T. W. Human Learning Prentice-Hall
Wason P. C. & Johnson-Laird P. N. Psychology of Learning Harvard UP

12.463
Human Information Processing IIIB *
Prerequisite: 12.453.

12.473
Perception IIIA
Prerequisites: 12.052, 12.062, 12.152.
The characteristics and processes of visual perception. Topics include the basic requirements for visual perception and the relative contributions of the observer and the stimulus in a range of visual situations.

Textbooks
McNicol D. A Primer of Signal Detection Theory Allen & Unwin

12.483
Perception IIIB
Prerequisites: 12.052, 12.062, 12.152.
Man in a spatial environment. A study of the organization and stability of the visual world with particular reference to the constancies, object movement, eye movement and locomotion.

Textbook

12.503
Social Psychology IIIA
Prerequisites: 12.122 (Cr) or 12.052, 12.062, 12.152.
Social influence, and the effects of others on judgements and behaviour in different situations.

Textbook
Aronson E. The Social Animal 2nd ed Freeman

12.513
Social Psychology IIIB
Prerequisites: 12.052, 12.062, 12.152 and 12.503.
Current concepts, and developments in the analysis of social behaviour.

Textbooks
A reading list is available from the School.

12.553
Developmental Psychology IIIA
Prerequisites: 12.122 (Cr) or 12.052, 12.062, 12.152.
An introduction to the study of cognitive development set loosely within the framework of Piagetian theory. Topics include: the development of perception with special reference to the nativism/empiricism issue; the development of operational thought with emphasis on its origins in sensori-motor intelligence; the development of language and its relationship to the development of thought; and the development of reading.

Textbooks
Dale P. S. Language Development: Structure and Function Dryden Press
Ginsburg H. & Opper S. Piaget's Theory of Intellectual Development Prentice-Hall
Selected Scientific American reprints as advised by the School

*Not offered in 1977.
Subject Descriptions and Textbooks

12.563  
Developmental Psychology IIIB  
Prerequisites: 12.052, 12.062, 12.152 and 12.553.  
Subject description and a detailed reading list is available from School if offered in 1977.

12.603  
Abnormal Psychology IIIA  
Prerequisites: 12.052, 12.062, 12.152.  
Conflict, anxiety and avoidance behaviour. Anti-social behaviour, psychosomatic disorders, brain pathology, mental deficiency, schizophrenia, depression, sexual anomalies, methods of diagnosis and treatment.

12.613  
Abnormal Psychology IIIB*  
Prerequisite: 12.603.  
Techniques and findings of experimental psychopathology. Measurement and assessment problems relating to description and prediction in the field of abnormal behaviour. Evaluation of treatment and intervention programs.

12.623  
Guidance and Counselling III  
Prerequisites: 12.122 (Cr) or 12.052, 12.062, 12.152.  
A review of significant therapeutic approaches from prior to Freud through to the present day and their implied views of man. The concluding section of the course is concerned with the problems of evaluation of effects of psychotherapy. The direct sources of the theories of eg Freud, Miller and Dollard, Wolpe, Ellis, Rogers, Perls, Janov.

12.653  
Industrial Psychology III  
Prerequisites: 12.052, 12.062, 12.152.  
The role of the psychologist in industry. Problems of power, authority and control. Theories of human nature and motivation, and their use by industrial psychologists. Work organization and physical conditions affecting work behaviour.

Textbook  
A reading list is available from the School.

12.663  
Ergonomics III  
Prerequisites: 12.052, 12.062, 12.152.  
A restricted unit for potential Psychology IV students approved by the Head of School.

A study of aspects of human performance relevant to work design. The principles involved in designing the environment in general, and work in particular, to suit man's capabilities.

Textbooks  
Edholm O. G. The Biology of Work World University Library  
Singleton W. T. Introduction to Ergonomics WHO

12.703  
Psychological Techniques III  
Prerequisites: 12.052, 12.062, 12.152 and 12.373.  
A restricted unit for potential Psychology IV students approved by the Head of School.  
Observation and other forms of appraisal, eg, ratings, interviewing, testing and reporting on assembled data about individuals.

12.713  
Behaviour Control and Modification III  
Prerequisites: 12.052, 12.062, 12.152.  
Aversive and appetitive reinforcement in the control and modification of undesirable behaviour. Conditions which influence behaviour; attitude change. Ethical issues.

12.733  
Laboratory Instrumentation III  
Prerequisites: 12.052, 12.062, 12.152.  
A restricted unit for potential Psychology IV students approved by the Head of School.  
Use of laboratory equipment, and experimental techniques in Psychology. Care of laboratory animals. Basic electricity and elementary circuit design. Use of polygraphs for physiological recording. Audio and visual perception equipment, and techniques for manipulating auditory and visual factors in experiments.

Honours Level units

12.025  
Psychology IV (Honours Course Work)  
Prerequisites: 12.001, 12.052, 12.062, 12.152, 12.153, 12.163 and 6 other Psychology Advanced half-units at an average level of Credit or better.  
Course work, practicum, project and readings to be determined in consultation with the Head of School.

12.035  
Psychology IV (Honours)  
Prerequisites: 12.001, 12.052, 12.062, 12.152, 12.153, 12.163 and 6 other Psychology Advanced half-units at an average level of Credit or better.  
Research and thesis, course work and readings to be determined in consultation with the Head of School.

*Not offered in 1977.
Russian

Undergraduate Study

Courses offered by the School cover the language, literature and culture of the Russian people from the eleventh century to the present day.

This year five Pass courses are offered: Russian IA, Russian IB, Russian IIA, Russian IIB and Russian IIIA.

Level I units

59.501
Russian IA (Double unit)

Unless the Head of School rules otherwise in special cases, a course available only to students who have not qualified to enter Russian IB.

The course aims at providing students with a sound elementary knowledge of spoken and written Russian as a basis for further intensive language study in Russian IIA. Students who pass at the annual examination and wish to continue their study of the language are required to complete a program of written exercises and prescribed reading during the long vacation. Admission to Russian IIA is dependent on the satisfactory completion of this program.

Russian IA is a semi-intensive course, with a total of seven hours of instruction per week, consisting of two lectures, four tutorials and one session in the language laboratory. An equal amount of time should be devoted to preparation and private study if the course is to be pursued successfully.

Textbooks
Chekhov A. P. Medved', Predlozhenie, Yubilei Available in typescript from the School of Russian
Dawson C. L., Bidwell C. E. & Humesky A. eds Modern Russian I and Modern Russian II Harcourt Brace & World
Khavronina S. A. & Shirochenskaya A. I. Russian in Exercises Moscow
Scheler G. A. C. ed Reading for Meaning Harcourt Brace & World

59.511
Russian IB

For students who have reached grade 1, 2 or 3 of the 2 or 3 unit course in Russian, at the Higher School Certificate, or who, in the opinion of the Head of School, possess an equivalent knowledge of the language.

1. Language
Three hours of instruction per week, devoted to prose translation into and from Russian, study of Russian grammar, free composition and practice in spoken Russian.

Textbooks
Müller V. K. Anglo-russkii slovar' Moscow
Smirnitski A. I. Russko-angliiskii slovar' Moscow
Pulkina I. M. & Zakhava-Nekrasova E. Russian Moscow

2. Literature
Two lectures per week.
A Introduction to Nineteenth Century literature.
B Introduction to Twentieth Century writers.

Textbooks
A Short Anthology of Twentieth Century Prose
Chekov A. P. Dyadya Vanya Harrap
Dostojevsky F. M. Mal'chik u Khrista na elke
Gogol' N. V. Portrait Bradda
Leskov N. S. Tupeiny khudozshnik
Pushkin A. S. Pikovaya dama Bradda
Tolstoi L. N. Khadzhi Murat Moscow
Turgenev I. S. Pevtsy Bradda

Upper Level units

59.502
Russian IIA

For students who have passed 59.501 Russian IA and who have completed the prescribed vacation reading and exercises. In addition to further intensive language work, there is a study of literary texts.

Preliminary Reading
Chekhov A. P. Short Stories Foreign Languages Publishing House Moscow

1. Language
Three lectures, two tutorials and one session in the language laboratory per week. The lectures deal with analysis and translation into English of selected passages from prescribed texts and prose translation into Russian; the tutorials and language laboratory session are devoted to intensive drills in spoken and written Russian.

Textbooks
Dawson C. L., Bidwell C. E. & Humesky A. eds Modern Russian II Harcourt Brace & World
Henry P. Modern Russien Prose Composition Book One London UP
Henry P. Manual of Modern Russian Prose Composition London UP
Pulkina I. & Zakhava-Nekrasova E. Russian Moscow

2. Literature
One lecture per week. The texts studied are:
A two plays by A. P. Chekhov,
B short stories by A. S. Pushkin, L. N. Tolstoi, L. N. Andreev,
C short stories by Soviet writers.

Textbooks
Andreev L. N. Rasskaz o semi poveshennykh
Chekov A. P. Dyadya Vanya Harrap
Chekov A. P. Tri sestry Bradda
Harper K. et al eds New Voices Harcourt Brace & World
Pushkin A. S. Pikovaya dama Bradda
Tolstoi L. N. Kreislrova sonata

*May be obtained in xeroxed copies from the School of Russian.
59.512
Russian IIB
For students who have passed 59.511 Russian IB.

1. Language
Three hours of instruction per week, devoted to prose translation into and from Russian, study of Russian grammar, free position and practice in spoken Russian.

Textbook
Pulkina I. & Zakhava-Nekrasova E. Russian Moscow

2. Literature
Two lectures per week. The texts to be studied will be:
A short stories by A. P. Chekhov, N. V. Gogol*, A. S. Pushkin, M. E. Saitykov-Shchedrin
B four contemporary stories
C selections from the following poets: A. Akhmatova, A. Blok, M. Lermontov, N. Nekrasov, A. Pushkin and F. Tyutchev

Textbooks
Bitov A. P. Puteshestvie k drugu detstva Leningrad
Bykov V. V. Kruglyanskii most Moscow
Chekhov A. P. Vragi, Pripadok, Ogni, Poprygun'ya, Supruga, Chelovek v tuliye, O lyubvi, Yonyoh, Dushechka, Dama s sobachkol'
Gogol' N. V. Shinel' Bradda
Pushkin A. S. Povesti Beikina Bradda
Saitykov-Shchedrin M. E. Skazki Moscow
Vladimov G. Vernyi Ruslan
Yashin A. Ya. Vologodskaya svad'ba Moscow

59.513
Russian IIIA
For students who have passed either 59.502 Russian IIIA or 59.512 Russian IIB and who have completed the prescribed vacation reading and exercises.

1. Language
One lecture and two tutorials per week. The lecture deals with prose translation into Russian; the tutorials are devoted to a study of advanced Russian grammar, syntax and free composition and to practice in spoken Russian (reading, dictation and conversation).

Textbooks
Henry P. Modern Russian Prose Composition Book 2 London UP
Henry P. Manual of Modern Russian Prose Composition London UP
Müller V. K. Anglo-russkii slovar' Moscow
Smirnitskii A. I. Russko-angliiskii slovar' Moscow

2. Literature
Four lectures per week. Areas of study:
A A. S. Pushkin,
B F. M. Dostoevskii,
C L. N. Tolstoi and
D a selection of Soviet films.

Textbooks
Dostoevskii F. M. Presvuplenie i nakezenie Moscow
Pushkin A. S. Evgenii Onegin Bradda
Thompson L. C. et al eds Ballada o soldate Harcourt Brace & World
Tolstoi L. N. Anna Karenina Moscow

Sociology

Undergraduate Study
The major aim of sociology, as taught by the School, is to impart some understanding of the human condition. In particular, this involves three teaching objectives:
1. Developing a critical sense towards social reality and human behaviour.
2. Developing skills for the collection and interpretation of social data.
3. Developing a 'sociological imagination', ie sensitivity to the relations between social phenomena and human action.

Level I units

53.103
Introduction to Contemporary Industrial Society (1 unit)
An introduction to three issues prominent in the study of contemporary industrial society, ie work, inequality, and socialization, studied in the context of both theory and empirical evidence. Students are expected to present written and oral assignments during the session.

Textbooks
Berger P. The Noise of Solemn Assemblies Doubleday
Beteille A. Social Inequality Penguin
Burns T. ed Industrial Man Penguin
Dahrendorf R. Class and Class Conflict in Industrial Society Routledge
Dickson D. Alternative Technology Fontana
Encel S. Equality and Authority Cheshire
Firestone S. Diatalectic of Sex Bantam
Freud S. Civilization and its Discontents Hogarth Press
Mead, G. H. Mind, Self and Society Chicago UP
Oakley A. The Sociology of Housework Martin Robertson
Oakley A. Sex, Gender and Society Temple Smith
Wild R. Bradstow Cheshire

*May be obtained in xeroxed copies from the School of Russian.
**53.104**

**Introduction to Social Theory (1 unit)**

An introduction to sociology that focuses on the thought of four seminal theorists. The work of Marx, Weber, Durkheim and Simmel in some detail. Students are expected to examine salient aspects of these writings and present written and oral assignments during the session.

**Textbooks**

- Bottomore T. B. & Rubel M., eds Karl Marx, Selected Writings in Sociology and Social Philosophy Penguin
- Durkheim E. Elementary Forms of Religious Life Allen & Unwin
- Gerth H. H. & Mills C. W., eds From Max Weber Routledge
- Giddens A. Selected Writings of Durkheim CUP
- Marx K., Economic and Philosophic Manuscripts Foreign Languages Publishing House Moscow
- Wolf K., ed The Sociology of Georg Simmel Free Press

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**Upper Level units**

**53.201**

**Methods of Social Investigation A (½ unit)**

Excluded: 53.501.

One two-hour seminar per week.

Introduces students to the commonly used techniques of data collection and analysis. Students are expected to achieve a reasonable level of competence in the manipulation of data. Assessment depends on the completion of written tutorial exercises and of a research project. In the first session, emphasis is on a historical review of empirical sociology, theory formulation and verification, and techniques for collecting, recording, and organizing information.

**Textbooks**

- Bell C. & Newby H., Community Studies Allen & Unwin
- Blalock H., Social Statistics McGraw-Hill
- Denzin N. K., Sociological Methods Butterworths
- Dixon K., Sociological Theory, Prentice and Possibility Routledge
- Larson C. J., Major Themes in Sociological Theory David McKay
- Madge J., The Tools of Social Science Longman
- Phillips L. D., Bayesian Statistics for Social Scientists Nelson
- Roscoe J. T., Fundamental Research Statistics for the Behavioural Sciences Holt, Rinehart & Winston
- Tufte E., The Quantitative Analysis of Social Problems Addison-Wesley
- Wakeford J., The Strategy of Social Enquiry Macmillan
- Willemsen E. W., Understanding Statistical Reasoning Freeman

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**53.202**

**Comparative Industrial Societies A (½ unit)**

Excluded: 53.501.

One two-hour seminar per week.

A comparative study of the major structures and processes of advanced industrial societies (Britain, USA, Western Europe, Australia, the State socialist countries, USSR, and the Comecon countries). Emphasis on theories and research studies of the relationship between industrial economy, the organization of work, class structure, the nature of the state, the growth of cities, the growth of bureaucracy, and utopian responses to industrial societies.

**Topics:**

1. The state and society in an industrial economy.
2. Urbanization.
3. The growth of bureaucracy.

**Textbooks**

- Bendix R., Work and Authority in Industry Harper & Row
- Buckley K. & Wheelwright E., eds Essays in the Political Economy of Australian Capitalism ANZ Book Co
- Burns T., ed Industrial Man Penguin
- Dalton G., Economic Systems and Society Penguin
- Edwards R., Reich M. & Weisskopf T., The Capitalist System Prentice-Hall
- Encel S., Equality and Authority Cheshire
- Giddens A., The Class Structure of the Advanced Societies Hutchinson
- Miliband F., The State in Capitalist Society W. Nicholson
- Parkin F., Class, Inequality and Political Order MacGibbon & Kee

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**53.207**

**Social Anthropology A (½ unit)**


One two-hour seminar per week.

Anthropological perspectives on people and society, and an examination of the dynamics of universally relevant institutions. The material presented combines theoretical discussion and empirical data from small-scale societies.

**Textbooks**

- Beattie J., Other Cultures Free Press
- Kuper A., Anthropologists and Anthropology Allen Lane
- Mair L., An Introduction to Social Anthropology OUP
- Van den Berghe P. L., Man in Society Elsevier

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**53.208**

**Methods of Social Investigation B (½ unit)**


**Prerequisite:** 53.201.

The use of qualitative and quantitative data in hypothesis testing. Problems of reliability and validity. Alternatives to empiricism. Students are required to complete a research project (commenced in first session) and to submit a report for assessment.
53.209
Comparative Industrial Societies B (½ unit)
Prerequisite: 53.202.
A continuation and extension of the major themes, theories and studies introduced in Session 1.
Topics:
1. Work. 2. Inequalities. 3. Futures and Utopias.

Textbooks
As for 53.201.

53.210
Social Anthropology B — Anthropological perspectives on modernization (½ unit)
Excluded: 53.502 and 53.209.
Prerequisite: 53.207.
A major objective is to analyse the contribution and limitations of the anthropological approach to modernization. Stress is placed on the development of a humanistic approach to theoretical issues in modernization, and on the analysis of social processes from the perspective of non-western geographic-cultural units (eg Australian Aborigines, peoples of Latin America, and Pacific).

Textbooks
Baside R. Applied Anthropology Croom Helm
Bodley J. H. Victims of Progress Cummings
Cochrane G. Development Anthropology OUP
Hymes D. ed Reinventing Anthropology Random House

Advanced Level units

53.501
Sociology IIA (Advanced) (1 unit)
Prerequisite: 53.103 and 53.104. (At a level determined by the School.)
Two compulsory sections:
1. 53.201 together with 53.202 or 53.207.
and
2. A Marxism and social theory, or
B Theories of social inequality.

A Marxism and social theory: A weekly seminar, dealing with a detailed study of Marx’s own works, contemporary developments and extensions of the Marxist tradition, and the relation of Marxism to the general body of sociological theory.

B Theories of social inequality: A weekly seminar, dealing with a detailed study of the major approaches to social inequality. The seminar focuses on pre-industrial, as well as industrial societies, and considers such topics as race, caste, slavery, sex, class.

Textbooks
Althusser L. For Marx Allen Lane Penguin
Frank A. G. Capitalism and Underdevelopment in Latin America Penguin
Marcuse H. Eros and Civilization Allen Lane Penguin
Marx K. Capital Vol. I Progress
Marx K. The Economic and Philosophical Manuscripts of 1844 Progress
Marx K. & Engels F. The German Ideology International Pub
Swingewood A. Marx and Modern Social Theory Macmillan

53.502
Sociology IIB (Advanced) (1 unit)
Prerequisite: 53.501.
Two compulsory sections:
and
2. An advanced treatment of either Marxism and Social Theory or Theories of Social Inequality (being a continuation of the topic studied in 53.503).

Upper Level units

53.305
Sociology IIIA (1 unit)
Excluded: 53.507, 53.508.
Prerequisites: 53.201, 53.208 and 53.202 (plus 53.209) or 53.207 (plus 53.210).
A Social Inquiry A.
B An option chosen from a list of substantive areas of sociological interest.
Each part of the course involves a two-hour weekly seminar, with written work and oral presentations throughout the year.

A Social Inquiry A consists of a number of available choices in areas including:
Introductory Computing
Action Research
Explorations in Sociological Theory
French Social Thought
Philosophical Foundations of Sociology
Anarchist and Feminist Social Theories
Further choices may be available depending on staffing. Check with School at the beginning of the year.

Textbooks
To be advised at beginning of session.

B Options available in 1977 are expected to include:
Sociology of Deviance; Social Attitudes; Sociology of Interpersonal Relations A; Women and Society; Sociology of Religion A; Medicine and Society; Urban Sociology A; Film and Society; Race Relations A; Sociology of Literature and Drama A; Sociology of Migration A; Plural Societies and Developing Countries A; Sociological Theory and Social Action A; Sociology of the Family A; Law and Society A; and Topics in Social Anthropology A.

Note
Certain options offered by other Schools in the Faculty of Arts can be taken by students enrolled in either 53.305 (or 307) or 53.306 (53.308) and will be credited towards degree requirements, with the approval of the Head of the School of Sociology. Prerequisites are the same as for 53.305, 53.306, 53.307 and 53.308. These options are available also in the Schools of
1. History and Philosophy of Science
2. Spanish and Latin American Studies
3. French
4. Economics
5. German
6. Industrial Relations

1. Sociology of Deviance
The characteristics of social deviance. Theories of deviant behaviour. Types of deviants and aspects of social and criminal deviance. Social control and development of correctional treatment.

Textbooks
Cohen S. Images of Deviance Penguin
Douglas J. D. ed Observations of Deviance Random House
Lemert E. M. Human Deviance, Social Problems and Social Control Prentice-Hall
Mathiesen T. The Politics of Abolition Martin Robertson
Matza D. Becoming Deviant Prentice-Hall
Rock P. & McIntosh M. eds Deviance and Social Control Tavistock
Rubington R. & Weinberg M. S. eds Deviance: The Interactionist Perspective Collier-Macmillan
Rushing W. A. ed Deviant Behaviour and Social Process Rand McNally
Taylor Laurie Deviance and Society Nelson
Wolfgang M., Ferris L. & Johnson N. eds Sociology of Crime and Delinquency Wiley
Wheeler H. ed Beyond the Punitive Society Wildwood House

2. Social Attitudes
The role of personality differences in influencing the relations people adopt to societal institutions. The reciprocal effects of societal institutions on the formation of personality. Due to topic's wide range only one or two personality types and one or two sub-sets of society are stressed. An intensive treatment of the personality and attitude correlates of:
A working class membership;
B political preference;
C authoritarianism and alienation.

Textbooks
Brown R. Social Psychology Free Press (Chapters on Authoritarianism and Need for Achievement)
Eysenck H. J. The Psychology of Politics Routledge
Kirscht J. P. & Killeyan R. C. Dimensions of Authoritarianism Kentucky UP
Lipset S. M. Political Man Doubleday
McKenzie R. & Silver A. Angels in Marble Heinemann
Other references from journal literature are given during the course.

3. Sociology of Interpersonal Relations A.
It has long been recognized by both sociologists and psychologists that the crucial determinants of individual identity are to be found in the web of 'primary' relations which surround the individual.
An attempt to examine the structure and consequences of these primary relations: the interpersonal dynamics of the family and its relation to the 'self'; the form of social exchange between such dyadic pairs as husband-wife, parent-child, peer-peer, romantic lovers etc.
Examination of these dyads involves a consideration of the process of privatization, the structure of expectations, the types of reciprocity, the nature of dyadic cohesion, the nature of dyadic transactions, the nature of interpersonal communication, and the processes of the development of a 'self'.

Textbooks
Bateson G. Steps to an Ecology of Mind Ballantine
Becker E. The Birth and Death of Meaning: A Perspective in Psychiatry and Anthropology Free Press
Berne E. The Games People Play Penguin
Cado T. ed The Black Woman New American Library
Esterson A. The Leaves of Spring Penguin
Fanon F. Black Skin, White Masks Paladin
Goffman E. The Presentation of Self in Everyday Life Penguin
Laing R. D. The Divided Self Pelican
Laing R. D. The Politics of the Family Tavistock
Laing R. D. & Esterson A. Sanity, Madness and the Family Pelican
Laing R. D., Phillipson H. & Lee A. R. Interpersonal Perception Tavistock
Lomas P. ed The Predicament of the Family Hogarth
Mitchell J. Woman's Estate Penguin
Sartre J. P. Being and Nothingness Methuen
Wilden A. System and Structure: An Essay in Communication and Exchange Tavistock
Wilden A. Ecology and Ideology Tavistock
4. **Woman and Society.**
A study of the social role of women. Sex as a factor in social stratification. Discrimination against women in education, politics, work and the law. The concepts of the 'dual role' and the 'feminine character'. Feminist movements and theories of women's literature.

**Textbooks**
de Beauvoir S. *The Second Sex* Four Square
Bernard J. *The Future of Marriage* Souvenir Press
Dahlstrom E. ed *The Changing Roles of Men and Women* Duckworth
Department of Labour *The Role of Woman in the Economy* Govt Publishing Service
Encel S., MacKenzie N. & Tebbutt M. *Women and Society; An Australian Study* Cheshire
Engels F. *The Origin of the Family, Private Property and the State* various editions
Firestone S. *The Dialectic of Sex* Bantam
Gavron H. *The Captive Wife* Penguin
Gornick V. & Moran B. eds *Woman in Sexist Society* Basic Books
Klein V. *The Feminine Character* Routledge
Millett K. *Sexual Politics* Hart-Davis
Mitchell J. *Women's Estate* Penguin
Myrdal A. & Klein V. *Women's Two Roles* Routledge
Oakley A. *Sex, Gender and Society* Temple Smith
Rossi A. ed *The Feminist Papers* Columbia UP
Rowbotham S. *Women—Resistance and Revolution* Alien Lane
Saffiotis-Rothschild C. ed *Toward a Sociology of Women* Xerox
Stephenson R. *Women in Australian Society* Heinemann
Sullerot E. *Woman, Society and Change* Home University Library

5. **Sociology of Religion A.**
Two major sections:
(a) An overview of selected world religions.
(b) An integrated study of selected major themes within the sociology of religion including the following:
1. A sociological view of religion;
2. The functions of religion in human societies;
3. Types of society and religion;
4. Religious institutions in selected societies;
5. Religious organizations in selected societies.

**Textbooks**
Durkheim E. *The Elementary Forms of Religious Life* Collins
Glock C. Y. & Stark R. *Religion and Society in Tension* Rand McNally
Malinowski B. *Magic, Science and Religion,* and other Essays Doubleday
Martin D. *Sociology of English Religion* SCM Press
Mol J. *Religion in Australia* Nelson
Nottingham E. *Religion and Society* Random House
O'Dea T. *The Sociology of Religion* Prentice-Hall
Radcliffe-Brown A. *Taboo* CUP
Robertson R. *Sociology of Religion—Selected Readings* Penguin
Vernon G. *Sociology of Religion* McGraw-Hill
Weber M. *The Sociology of Religion* New Thinkers Library
Wilson B. *Religion in a Secular Society* New Thinkers Library

Yinger J. M. *Sociology Looks at Religion* Macmillan

6. **Medicine and Society**
Five sub-sections: (a) basic relationships between the disciplines of sociology, medicine, social psychology and anthropology; (b) the reciprocal nature of patient-healer relationships; (c) the hospital as a small community; (d) the organization of medical and health services on a comparative basis, including some medical politics; (e) aspects of methodology and a search for unifying conceptual structures.

**Textbooks**
Balint M. *The Doctor, the Patient and his Illness* Pitman
Freidson E. *The Hospital in Modern Society* Free Press
Goffman E. *Asylums* Anchor
Jaco E. G. *Patients, Physicians and Illness* Free Press
Mechanic D. *Medical Sociology: A Selective View* Free Press
Opler M. K. ed *Culture and Mental Health* Macmillan
Paul B. D. ed *Health, Culture and Community* Routledge
Read M. *Culture, Health and Disease* Tavistock
Scott W. & Velkhat E. eds *Medical Care: Readings in the Sociology of Medical Institutions* Free Press
Sigerist H. *Primitive and Archaic Medicine* OUP
Sigerist H. *The Sociology of Medicine* MD Publications
Simmons L. W. & Wolff H. G. *Social Science in Medicine* Russell Sage Foundation
Soddy K. & Ahrentfeldt R. *Mental Health in Contemporary Thought* Tavistock
Zilboorg G. A. *History of Medical Psychology* Norton

7. **Urban Sociology**
The study of urban environments and the forms of urban social structures which accompany them. Emphasis is laid on social values as shapers of urban regions and on the social identity, social change and power aspects in urban environments. Includes a research project concerned with collecting information about some aspect of urban life.

**Textbooks**
Benamor J. & Vidich B. *Small Town in Mass Society* NYUP
Briggs A. *Victorian Cities* Pelican
Coulanges Fustel de *The Ancient City* Doubleday Anchor
Dahl R. A. *Who Governs* Yale UP (Studies in Political Science, No. 4)
Durkheim E. *The Division of Labour in Society* Free Press
Fromm E. *Fear of Freedom* Routledge
Gans H. *The Levitowners* Pantheon Books
Gans H. *The Urban Villagers* Free Press
Hindea B. *The Decline of Working Class Politics* Paladin
Jackson B. *Working Class Communities* Routledge
Jacobs Jane *The Death and Life of Great American Cities* Cape
Keller Suzanne *The Urban Neighbourhood. A Sociological Perspective* Random House
Mills C. Wright *The Power Elite* OUP
Mills C. *Wright Power Politics and People* OUP
Pahl R. E. *Patterns of Urban Life* Longman
Reissman L. *The Urban Process* NYUP

165
Part A—Session I
A study of the major theoretical frameworks in the sociology of literature.

Textbooks

8. Film and Society
Film represents a formalization of the symbolic interchange that makes up the culture of a society. Film as an industry, a cultural extension and as a communication system. Opportunities for the production by students of films of their own devising, as well as analysis and discussion of current movies. Students are expected to attend movies related to the course.

Textbooks

Gilles F. L. Norma Jean Allen
Jarvie I. Towards a Sociology of the Cinema Routledge
MacCann R. D. Film and Society Dutton
Smallman K. Creative Film-making Collier

Both the Studio Vista/Dutton and Cinema One series provide works on individual directors or schools. Jarvie's book provides a full bibliography, and course participants should try to read it before the course begins.

Films include those by directors such as Fritz Lang, John Ford, Orson Welles, Jerry Lewis, Jean-Luc Godard, Charlie Chaplin and Francois Truffaut.

9. Race Relations
The study of inter-group relations based on 'racial' and 'ethnic' differences. The developments and character of 'racist' theories. Racial prejudice: its origins and nature. The history and structure of racial discrimination in modern societies.

Textbooks

Allport G. The Nature of Prejudice Doubleday
Banton M. Race Relations Tavistock
van den Berghe P. South Africa: A Study of Conflict Calilf UP
Brown D. Bury My Heart at Wounded Knee Pan
Bunting B. The Rise of the South African Reich Penguin
Clark E. My Mother Who Fathered Me Allen & Unwin
Essien-Udom E. Black Nationalism Penguin
Fanon F. The Wretched of the Earth Penguin
Jackson G. Soledad Brother Penguin
Myrdal G. An American Dilemma Harper & Row
Rex J. & Moore R. Race, Community and Conflict OUP
Rowley C. D. The Destruction of Aboriginal Society ANUP
Rowley C. D. The Remote Aborigines ANUP
Rowley C. D. Outcasts in White Australia ANUP
Stevens F. ed Racism: The Australian Experience ANZ Book Co

Stevens F. ed Vol 1 Prejudice and Xenophobia
Stevens F. ed Vol 2 Black Versus White
Stevens F. ed Vol 3 Colonialism
Stuart D. Yandy Georgian House

10. Sociology of Literature and Drama
The study of:
(a) the creation, distribution and reception of literature and drama as social institutions.
(b) the relationship between the literary product and the social milieu and group affiliations of the writer.
(c) the effects of literature and drama upon successive audiences.

11. Sociology of Migration
Migration as a special case of heightened social change. Theoretical concepts and methods potentially useful for analyzing the phenomenon of mass migration. Empirical material drawn from Australian and overseas studies.
Theoretical approaches offered by Eisenstadt, Gordon and others are considered in the light of:
(a) empirical studies in Australia and elsewhere; and
(b) possibilities offered by a ‘relational’ method, ie the exploration of networks and community affiliations.

**Textbooks**

- Borrie W. D. ed *The Cultural Integration of Migrants* UNESCO
- Eisenstadt S. N. *The Absorption of Immigrants* (Esp Chs I, VII and Conclusion) Free Press
- Gordon M. M. *Assimilation in American Life* CUP
- Price C. A. *Australian Immigration: A Bibliography and Digest* No 1 ANU and No 2 ANU
- Price C. A. ed *The Study of Immigrants in Australia* ANU
- Price C. A. *The Study of Assimilation* in Jackson J. A. ed *Migration* CUP

Startup R. ‘A Sociology of Migration’ in *Sociological Quarterly* Vol 12 No 2, 1971

Schutz A. ‘The Stranger’ in Collected Papers of Alfred Schutz Nijhoff

Simmel G. ‘The Web of Group Affiliations’ in *Conflict and the Web of Group Affiliations* Free Press

van den Berghe P. *Race and Ethnicity: Essays in Comparative Sociology* Basic Books

Ware C. ‘Emigration’ and ‘Ethnic Communities’ in *International Encyclopaedia of the Social Sciences*


12. Plural Societies and Developing Countries A

Recurring processes in the evolution of plural societies; theories of change; the impact of colonialism; social view of several disciplines. An underlying theme in this course is inequality and the varying impact of inequality on social life and social structure.

**Textbooks**

- Berger E. L. *Labour, Race and Colonial Rule* CUP
- Brookfield H. *Colonialism, Development, and Independence* CUP
- Brookfield H. *Interdependent Development* Methuen
- Brookfield H. ed *The Pacific In Transition* ANUP
- Colby R. & Berghe P. *van den Ixil County: A Plural Society in Highlands Guatemala* Calif UP
- Despres L. *Cultural Pluralism and Nationalist Politics in British Guiana* Rand McNally
- Foster G. *Traditional Societies and Technological Change* Harper & Row
- Hunter G. *South East Asia: Race, Culture and Nation* OUP
- Kadt E. de & Williams G. *Sociology of Development* Tavistock

13. Sociological Theory and Social Action A

Examines the proposition that knowledge and reason, particularly as they are represented in sociological theorizing, contribute to social progress in the sense of bettering social arrangements through the application of intelligence, either through piece-meal social engineering or through revolutionary transformation. Particular attention is given to the problem of ideology.

**Textbooks**

- Abrams P. *The Origins of British Sociology* Chicago
- Becker H. *The Heavenly City of the 19th Century Philosophers* Yale UP
- Durkheim L. *Socialism* Collier-Macmillan
- Ginsberg M. *The Idea of Progress* Greenwood
- Habermas J. *Toward a Rational Society* Heinemann
- Jay M. *The Dialectical Imagination* Heinemann
- Mannheim K. *Ideology and Utopia* Routledge
- Manuel F. *The Prophets of Paris* Harper
- Marcuse H. *One-Dimensional Man* Routledge
- Poliard S. *The Idea of Progress* Penguin

14. Sociology of the Family A

Sociological theories of the family with particular emphasis on marriage, family and kinship in modern industrial societies. The interrelationships between family and other social institutions, patterns of internal family dynamics; sex roles, conjugal relationships, parents and children, family and work, family and class; social change and the future of the family; alternative family structures.

**Textbooks**

- Anderson M. ed *Sociology of the Family* Penguin
- Aries P. *Centuries of Childhood* Cape
- Bernard J. *The Future of Marriage* Souvenir
- Betterheim B. *The Children of the Dream* Paladin
- Bolt E. *Family and Social Network* Tavistock
- Dahlem L. *Changing Roles of Men and Women* Duckworth
- Firestone S. *Dialectic of Sex* Paladin
- Goode W. F. *World Revolution and Family Patterns* Free Press
- Laslett P. *The World We Have Lost* OUP
- Oakley A. *The Sociology of Housework* Martin Robertson
- Rapaport R. & Rapaport R. *Dual-Career Families* Penguin
- Willmott P. & Young M. *The Symmetrical Family* Routledge

15. Law and Society A

Discussions of such topics as order and justice in society; social implications of legal systems; the lawyer as social actor; property, social class and inequality, the role of law in maintaining and changing racial inequalities; selected aspects of family law relating to power; property and violence.

**Textbooks**

- Aubert V. ed *The Sociology of Law* Penguin
- Bell C. *Middle Class Families* Routledge
- Dixson M. *The Real Matilda* Penguin
- Durkheim E. *The Division of Labour in Society* Routledge
- Encel S. *Equality and Authority* Cheshire
- Harris C. C. *The Family* Allen & Unwin
- Johnston T. J. *Professions and Power* Macmillan
- McPherson C. B. *The Political Theory of Possessive Individualism* Cambridge
- Pizey E. *Scream Quietly or the Neighbours Will Hear* Penguin
- Renner K. *The Institutions of Private Law and Their Social Functions* Routledge
- Renvoize J. *Children in Danger* Penguin
- Ross S. & Weinberg M. *Law for the People* Penguin
- Royal Commission of Inquiry in Poverty *Sackville Report on Law and Poverty* Aust Govt Printer
- Zubaida S. ed *Race and Racism* Tavistock
16. Topics in Social Anthropology A
The range of topics embraces area courses in Latin American and Pacific anthropology, anthropological perspectives on colonialism, Marxist anthropology, and methods of anthropological investigation.

Textbooks
Brookfield H. C. Colonialism, Development and Independence CUP
Crombie R. G. The New South Pacific ANUP
Engels F. The Part Played by Labour in the Transition from Ape to Man Progress Moscow
Lenin V. I. Critical Remarks on the National Question Progress Moscow
Pelto P. J. Anthropological Research Harper & Row
Willems E. Latin American Culture: An Anthropological Synthesis Harper & Row

53.306
Sociology IIIB (1 unit)
Excluded: 53.507, 53.508.
Prerequisite: 53.305.
A Social Inquiry B.
B A further optional choice from a list of substantive areas of sociological interest.

A Social Inquiry B consists of one two-hour seminar per week.
The objective of the course is to introduce students to current philosophical and political debates about the procedures, standards and status of social inquiry.

Textbooks
Becker H. Sociological Work Allen Lane
Bell C. & Newby H. Doing Sociological Research Allen & Unwin
Friedrichs F. J. A Sociology of Sociology Free Press
Hammond P. ed Sociologists at Work Basic Books
Kuhn T. S. The Structure of Scientific Revolutions Chicago UP
Lakatos I. & Musgrave S. Criticism and the Growth of Knowledge CUP
Phillips D. Abandoning Method Jossey-Bass
Sjoberg G. ed Ethics, Politics and Social Research Routledge and Kegan Paul
Waller D. & J. Systematic Empiricism Prentice-Hall

B Options available in 1977 are expected to include: Criminology; Science, Technology and Society; Sociology of Religion B; Urban Sociology B; Race Relations B; Sociology of Literature and Drama B; Work, Leisure and Society; Plural Societies and Developing Countries B; Sociology of the Family B; Law and Society B; and topics in Social Anthropology B

1. Criminology

Textbooks
Bottomley A. K. Decisions in the Penal Process Martin Robertson
Haskett M. R. & Yabionsky L. Crime and Delinquency Rand McNally
Hogarth J. Sentencing as a Human Process Univ of Toronto
Hood R. & Sparkes R. Key Issues in Criminology Weidenfeld & Nicolson
Letkemann P. Crime as Work Prentice-Hall
Radzinowicz L. & Wolfgang M. eds Crime and Justice 3 vols Books
Taylor I., Walton P. & Taylor J. The New Criminology Routledge

2. Science, Technology and Society
(a) The nature of science—interaction between growth of science, the process of research, and society.
(b) Social influences on the nature and development of science.
(c) The invention-innovation process.
(d) Society's control over science.
(e) The impact of science and technology on society.
(f) Science, technology and war.

Textbooks
Abrahamson M. The Professional in The Organisation Rand McNally
Bernal J. D. Science in History Watts
Faunce W. A. Problems of an Industrial Society McGraw-Hill
Greenberg D. S. The Politics of American Science Penguin
Haidian J. B. S. Science Advances Allen & Unwin
Kuhn T. S. The Structure of Scientific Revolutions Chicago UP
Lilley S. Men, Machines and History Cobbett Press
Mead M. Cultural Patterns and Technical Change Mentor
Merton R. K. Social Theory and Social Structure Free Press
Price D. J. ed Science since Babylon Yale UP
Sarton G. A History of Science OUP
Scientific American Science, Conflict and Society Freeman
The 'Sussex Group' World Plan of Action United Nations Economic and Social Council NY
White L. Medieval Technology and Social Change OUP

3. Sociology of Religion B
The application of theories of sociology of religion to a number of selected areas including:
(a) Religion and social change
(b) Religious groups and ethnic groups
(c) Religious and social class and stratification
(d) The religious leader
(e) The institutionalization of religion
(f) Religion and other social institutions
(g) An evaluation of the contribution of the major theorists to the sociology of religion.

Textbooks
Glock C. Y. & Stark R. Religion and Society in Tension Rand McNally
Malinowski B. Magic, Science and Religion and other Essays
Douglas
Martind D. Sociology of English Religion SCM Press
Mol J. Religion in Australia Nelson
Radcliffe-Brown A. Taboo CUP
Robertson R. Sociology of Religion — Selected Readings Penguin
Wilson B. Religion in a Secular Society New Thinkers Library

4. Urban Sociology A

Follows on the theoretical background acquired in Urban Sociology A concentrating on urban problems in Australia, with special attention to Sydney metropolitan area. Probes into access to benefits in the city and the attempts at informal organization by ethnic groups of citizen participation demands against the formal organizational structure of the metropolis.

A research project into some aspects of urban life forms part of the course.

Textbooks

Boyd R. Australia's Home Melb UP
Bryson L. & Thompson F. An Australian Newtown Penguin
Brennan T. New Community A & R
Davies J. G. The Evangelistic Bureaucratic Tavistock
Davies A. F. & Encel S. eds Australian Society Cheshire
Michelson W. & Man's Urban Environment Addison-Wesley
Parker R. S. & Troy P. N. eds The Politics of Urban Growth ANU
Stretton H. Ideas for Australian Cities Georgian House
Williams O. Metropolitan Political Analysis Free Press

5. Race Relations B

The history and structure of race relations in Australia; an analysis of Aboriginal society, the history of black/white confrontation, the development of Aboriginal organization and action.

Textbooks

Rowley C. D. The Destruction of Aboriginal Society ANUP
Rowley C. D. The Remote Aborigines ANUP
Rowley C. D. Outcasts In White Australia ANUP
Stevens F. ed Racism: The Australian Experience ANZ Book Co
Stevens F. ed Vol 1 Prejudice and Xenophobia
Stevens F. ed Vol 2 Black Versus White
Stevens F. ed Vol 3 Colonialism
Stuart D. Yandy Georgian House

6. Sociology of Literature and Drama B

A detailed study of particular novels and plays written in several industrial societies in the 19th and 20th centuries, in conjunction with a study of the social theories of industrialization and modernization.

Textbooks

Bellow S. Mr Sammler's Planet Penguin
Chekhov A. 'The Cherry Orchard' in Plays Penguin
Dickens C. Hard Times Penguin
Flaubert G. Madame Bovary Penguin
Gaskell E. Mary Barton Penguin
Lawler R. Summer of the Seventeenth Doll Fontana

Lessing D. The Golden Notebook Penguin
Soltznetsyn A. A Day in the Life of Ivan Denisovich Penguin
White P. Riders in the Chariot Penguin
Zola E. Germinal Penguin

7. Work, Leisure and Society

Takes a wide-ranging look at some sociological aspects of work and leisure — in particular, the way that societal assumptions about these two notions help determine the shape of many social institutions.

Textbooks

Berger P. The Human Shape of Work Macmillan
de Grazia S. Of Time, Work and Leisure 20th C Fund
Fabun D. The Dynamics of Change Prentice-Hall
Harrington M. The Accidental Century Weidenfeld & Nicolson
Herzberg F. Work and the Nature of Man Staples Press
Parker S. R. The Future of Work and Leisure Praeger
Parker S., Smith et al Leisure in British Society McGibbon & Kee
Symposium on the Technological Society Santa Barbara UP
Vonnegut K. Player Piano Paladin

8. Plural Societies and Developing Countries B

The culture, structure and organization of overseas Asians; ethnic minority problems in industrialized and traditional societies; the relationship between minorities and central governments before and after independence; current events such as absorption of Vietnamese refugees in Australia and the USA.

Textbooks

Arasaratnam S. Indians in Malaysia and Singapore OUP
Jagan C. The West on Trial Seven Seas
Jayawardena C. Conflict and Solidarity in a Guianese Plantation Athenae
John D. Indian Workers Association In Britain OUP
Kunstalter P. Southeast Asian Tribes, Minorities and Nations Princeton
Meyer A. Indians in Fiji OUP
Morris H. The Indians In Uganda Chicago UP
Simms P. Trouble In Guyana George Allen & Unwin

9. Sociology of the Family B

Follows on the theoretical frameworks studied in Part A, with specific application to Australian family studies. Family in Australian history, the role of the family in migration; ideas of national character, values and beliefs about the meaning of marriage and family. Conjugal roles; family and work; family and class; ethnicity and religion in family relationships; family law and social welfare policies; family and community.

Textbooks

'Australian Families' Search Vol 5 No 7 July 1974
Australian Family Research Bulletin Family Research Unit
School of Social Work UNSW
Bell R. The Sex Survey of Australian Women Sun
Bryson L. & Thompson F. An Australian New Town Penguin
Edgar P. et al Under Five In Australia Heinemann
Encel S., MacKenzie H. & Tebbutt M. Women and Society: An Australian Study Cheshire
Krupinski J. & Stoller A. The Family In Australia Pergamon

169
10. Law and Society B (see Law and Society A)

11. Topics in Social Anthropology B (see Topics in Social Anthropology A)

Both 10. and 11. are an extension of the first session. See reading and outline above.

53.307
Sociology III (1 unit)
Excluded: 53.507, 53.508.
Prerequisites: 2nd Year Sociology. Co-requisite: 53.305.
A Social Inquiry A. A choice not already being taken as part of Section A of 53.305.
B An option not already being taken as part of Section B of 53.305.

53.308
Sociology IIID (1 unit)
Excluded: 53.507, 53.508.
Prerequisites: 2nd Year Sociology and 53.307. Co-requisite: 53.306.
A Social Inquiry B. A choice not already taken or being taken in 53.305 or 53.307.
B An option not already taken or being taken in 53.305 or 53.307.

Advanced Level units

These units are primarily for prospective honours candidates. The content of these units will be based on the same range of subject matter as Sociology IIIA and Sociology IIIB.

53.507
Sociology IIIIE (Advanced) (1 unit)
Excluded: 53.307, 53.308.
Prerequisite: 53.501, 53.502 (both at levels satisfactory to the School).
Consists of 53.305, and in addition students are required to select two weekly seminars.
In 1977 available seminars are expected to include: Advanced Sociological Research A; Advanced Computing and Statistics A; Australian Social Thought A; Psychoanalysis and Society A; Sociology of Knowledge A; Contemporary European Social Thought B;
or approved options, with additional work chosen from 53.305 and not already taken or being taken.
Students should check with School about final details at beginning of the year.

53.508
Sociology IIIIF (Advanced) (1 unit)
Prerequisite: 53.501, 53.502, 53.507 (at a level satisfactory to the School)
Consists of 53.306, and in addition students are required to select two weekly seminars.
In 1977 available seminars are expected to include: Advanced Sociological Research B; Advanced Computing and Statistics B; Australian Social Thought B; Psychoanalysis and Society B; Sociology of Knowledge B; Contemporary European Social Thought B;
or approved options, with additional work chosen from 53.305 and not already taken or being taken.
Students should check with School about final details at beginning of the year.

Honours Level unit

53.525
Sociology (Honours)
Prerequisites: Satisfactory performance in 53.507 and 53.508.
Students are required to participate in two honours level seminars and to submit a dissertation based on their own research.

Spanish and Latin American Studies

Undergraduate Study

Level I units

65.501
Spanish and Latin American Studies IA—Introductory Spanish (Double unit)

For students who have little or no knowledge of Spanish. Intended to give students a sound basis of spoken and written Spanish and to introduce them to the history and culture of Spain and Latin America.

1. Language

In both sessions the Spanish language is studied intensively. As soon as practicable tutorial classes are conducted entirely in Spanish.
Textbooks
Kiddle M. E. & Wegmann B. *Perspectivas* Holt Rinehart & Winston
Locke P. *Eating Course in Spanish* Longman
Nassi R. J. & Bernstein B. *Review Text in Spanish* Two Years Amoco School Publications
or
Smith C. C. *Collins’ Spanish-English, English-Spanish Dictionary* Collins (Recommended for students who intend to enrol in 65.202 Spanish and Latin American Studies IIA)

2. History and Society
Session 1
Spanish studies.

Textbook
Vicens Vives J. *Approaches to the History of Spain* California UP

Session 2
Latin American studies.

Textbooks
Pendle G. *A History of Latin America* Penguin
Picón-Salas M. *A Cultural History of Spanish America from Conquest to Independence* California UP

65.511
Spanish and Latin American Studies IB (Double unit)
Prerequisite: grade 1, 2 or 3 pass in Higher School Certificate
2 unit Spanish, grade 1, 2, 3 or 4 pass in Higher School Certificate
3 unit Spanish, or equivalent qualifications.

1. History and Society
Session 1
Spanish studies.

Textbook
As for 65.501.

Session 2
Latin American studies.

Textbooks
As for 65.501.

2. Literature
Session 1
A critical study of major works of Spanish literature 1830-1940.

Textbooks
Baroja P. *El mundo es asal* Pergamon
García Lorca F. *La casa de Bernarda Alba* Biblioteca Contemporánea Losada
Pérez Galdós B. *La de Bringas* Prentice-Hall
Unamuno M. *de Niebla* Prentice-Hall
Valle-Inclán R. M. *del Martes de Carnaval Austral Sonata de primavera—Sonata de estilo Austral

Selections from the works of Larra, Bécquer, Machado and Juan Ramón Jiménez.

Session 2
A critical study of major works of Spanish literature, 1499-1650.

Textbooks
Anon *Lazarillo de Tormes* Jones R. O. ed Manchester UP
Calderón de la Barca P. *La vida es sueño* Sloman A. E. ed Manchester UP
Rojas F. *de La Celestina* Severín D. S. ed Alianza
Tirso de Molina *Comedias* Tomo I Clásicos Castellanos
Vega L. de *Peribáñez y el comendador de Ocaña* Clásicos Castellanos

Selections from the works of Garcilaso, Fray Luis de León, San Juan de la Cruz, Quevedo, Góngora and Cervantes are also studied.

65.521
Spanish and Latin American Studies IC (Double unit)
Prerequisite: grade 1 or 2 pass in Higher School Certificate
2 unit A Spanish or equivalent qualifications.

1. Language
Sessions 1 and 2
An intensive study of the Spanish language.

Textbooks
Kiddle M. E. & Wegmann B. *Perspectivas* Holt Rinehart & Winston
Smith C. C. *Collins’ Spanish-English, English-Spanish Dictionary* Collins

2. History and Society
Session 1
Spanish studies.

Textbook
As for 65.501.

Session 2
Latin American studies.

Textbooks
As for 65.501.

Upper Level units

65.202
Spanish and Latin American Studies IIA
Prerequisite: 65.501.

1. Language
An intensive study of the Spanish language.

*Paperback.
Arts

Textbooks
As for 65.521.

2. History and Society
Aspects of twentieth-century Spain.

Textbooks
Payne S. Franco's Spain Routledge
Perceval M. The Spaniards: How They Live and Work David & Charles

3. Literature
Post-civil-war Spanish literature.

Textbooks
Buero Vallejo A. En la ardiente oscuridad Wofsy S. A. ed Scribners
Selected poems and short stories.

65.203
Spanish and Latin American Studies IIB

1. Language

2. History and Society
Contemporary society in Latin America.

3. Literature
Modern Spanish-American Literature.

Textbooks
Azuela M. Los de abajo Richardson W. A. R. ed Harrap
Usligli R. El gesticulador Harrap
Selected poems.

Advanced Level units

65.222
Spanish and Latin American Studies IIA (Advanced)
Prerequisite: 65.501. See Note 1. below.
As for 65.202 plus composition through literature.

Textbook
Aylión C. & Smith P. Spanish Composition through Literature Prentice-Hall

65.223
Spanish and Latin American Studies IIB (Advanced)
Prerequisite: 65.222. See Note 1. below.
As for 65.203 plus composition through literature.

Textbook
As for 65.222.

Upper Level units

65.212
Spanish and Latin American Studies IIC
Prerequisite: 65.511.
In addition to literature either history or linguistics must be studied.

1. Literature
As for 65.214 (for students who have passed 65.203 or 65.223)

2. Linguistics
An introduction to linguistics with special reference to Spanish.

Textbooks
No set texts.

3. History and Society
Aspects of post-civil-war Spain.

Textbooks

65.213
Spanish and Latin American Studies IID
Prerequisite: 65.212.
In addition to literature either history or linguistics must be studied.

1. Literature
Latin American literature from the chronicles of discovery and conquest to modernism.

Textbooks
Blest Gana A. Martín Rivas Zig Zag
Brotherston G. Spanish American Modernista Poets Pergamon
Cruz Sor Juana Inés de la Antología Anaya
Echeverría E. La cautiva y El matadero Clásicos Huemul
Hernández J. Martín Fierro Biblioteca Contemporánea, Losada

2. Linguistics
As for 65.212.

3. History and Society
As for 65.203.

Advanced Level units

65.232
Spanish and Latin American Studies IIC (Advanced)
Prerequisite: 65.511. See Note 2. below.
As for 65.212 plus an introduction to critical method.

*Paperback
65.233  
**Spanish and Latin American Studies IID (Advanced)**

Prerequisite: 65.232. See Note 2. below.

As for 65.213 plus an introduction to critical method.

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65.242  
**Spanish and Latin American Studies IIE. Spain and Latin America: 1400-1810**

Prerequisite: any one of 51.501, 51.511, 51.521; both of 53.101 and 53.102; 54.501, 65.501, 65.511, 65.521; both of 15.601 and 15.611 or both of 15.701 and 15.711. Other students may be admitted to the unit by the School. See Notes 3. and 5. B and C below.

This unit is taught in English and is offered primarily for students with Level I studies in one of the social sciences. It may be counted as a unit in a sequence of units taken in the School of History or as part of a unit in the School of Sociology.

The relationship between Spain and its empire in America; the development of the social, political and economic institutions of the colonies.

**Textbooks**

Elliott J. H. *Imperial Spain, 1469-1716* Penguin

Haring C. H. *The Spanish Empire in America* Harcourt Brace Jovanovich

Stein S. & B. *The Colonial Heritage of Latin America* OUP

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65.243  
**Spanish and Latin American Studies IIF. Latin America: 1810-1975**

Prerequisite: any one of 51.501, 51.511, 51.521; both of 53.101 and 53.102; 54.501, 65.501, 65.511, 65.521; or both of 15.601 and 15.611 or both of 15.701 and 15.711. Other students may be admitted to the unit by the School. See Notes 3. and 5. B and C below.

This unit is taught in English and is offered primarily for students with Level I studies in one of the social sciences. It may be counted as a unit in a sequence of units taken in the School of History or as part of a unit in the School of Sociology.

The reasons why the nations of Latin America, having gained independence of Spanish and Portuguese rule, became enmeshed in other networks of economic and political dependence and how they have attempted to extricate themselves from them.

**Textbooks**

Cockcroft, J., Frank A. G. & Johnson D. *Dependence and Underdevelopment* Doubleday Anchor

Cumberland C. *Mexico: The Struggle for Modernity* OUP

Scobie J. *Argentina: City and a Nation* OUP

Stein S. & B. *The Colonial Heritage of Latin America* OUP

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65.252  
**Spanish and Latin American Studies IIG**

Prerequisite: 65.521.

1. Language
   As for 65.204.

2. History and Society

3. Literature

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65.253  
**Spanish and Latin American Studies IIG**

Prerequisite: 65.252.

1. Language
   As for 65.205.

2. History and Society
   As for 65.203.

3. Literature
   As for 65.203.

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65.262  
**Spanish and Latin American Studies IIG (Advanced)**

Prerequisite: 65.521.

See Note 4. below.

As for 65.252 plus composition through literature as for 65.222.

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65.263  
**Spanish and Latin American Studies IIH (Advanced)**

Prerequisite: 65.262.

See Note 4. below.

As for 65.253 plus composition through literature as for 65.223.

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65.204  
**Spanish and Latin American Studies IIIA**

Prerequisite: any one of 65.203, 65.223, 65.213, 65.223.

See Note 5. below.

1. Language (for students who have passed 65.203 or 65.223)
   An intensive study of the Spanish language.
65.205
Spanish and Latin American Studies IIIB
Prerequisite: 65.204 or 65.214.
See Note 5. below.

1. Language (for students who have passed 65.203 or 65.223)
As for 65.204.

2. A Literature (for students who have passed 65.203 or 65.223)
As for 65.511, Session 2.

B Literature (for students who have passed 65.213 or 65.233)

Textbooks
Cervantés M. de Don Quijote Riquer M. ed Juventud (Bolsillo 4 and 5)
Rójas F. de La Celestina Severín D. S. ed Alianza or Clásicos Castellanos 20 and 23

3. History (for students who have passed any one of the prerequisites for the unit and in addition have passed or are enrolled in 65.242).
Nineteenth-century Latin America.

65.214
Spanish and Latin American Studies IIIC
Prerequisite: any one of 65.203, 65.223, 65.213, 65.233.
See Note 5. below.

1. Language
As for 65.204 (for students who have passed 65.203 or 65.223).

2. A Literature (for students who have passed 65.203 or 65.223)
Modern Latin American Literature.

Textbooks
Aréchiga H. Seis poemas latinoamericanos de hoy Harcourt Brace
Jovanovich
Fuentes C. Cantar de ciegos Joaquín Mortiz
Quiroga H. Cuentos escogidos Pergamon
Vargas Llosa M. Los cachorros Lumen ed de bolsillo 3
Selected poems by Gabriela Mistral and Cardenal; selected stories by Borges, Contáz, García Márquez and Rulfo

B Literature (for students who have passed 65.213 or 65.233)

Textbooks
Donoso T. El obsceno pájaro de la noche Seix Barral
García Márquez G. Cien años de soledad Sudamericana
Vargas Llosa M. La casa verde Seix Barral

3. Linguistics
Applied linguistics with reference to Spanish.

65.215
Spanish and Latin American Studies IIID
Prerequisite: 65.204 or 65.214.
See Note 5. below.

1. Language (for students who have passed 65.203 or 65.223)
As for 65.204.

2. A Literature (for students who have passed 65.203 or 65.223)
As for 65.213.

B Literature (for students who have passed 65.213 or 65.233)

Textbooks
Borges J. Ficciones Emecé
Borges J. Obra poética Alianza
Neruda P. Residencia en la tierra and Tercera residencia Biblioteca Contemporánea Losada

3. Linguistics
Sociolinguistics with reference to Spanish.

Advanced Level units

65.224
Spanish and Latin American Studies IIIA (Advanced)
Prerequisite: satisfactory performance in 65.222 and 65.223 or 65.232 and 65.233. See Notes 6. and 7. below.
As for 65.204 plus one of 1. seminar on critical methods for students specializing in literature or literature and linguistics;
2. project in linguistics for students specializing in linguistics and literature;
3. project for students specializing in history.
65.225
Spanish and Latin American Studies IIIB (Advanced)
Prerequisite: 65.224 or 65.234. See Notes 6. and 7. below.
As for 65.205 plus as for 65.224.

65.234
Spanish and Latin American Studies IIC (Advanced)
Prerequisite: satisfactory performance in 65.222 and 65.223 or 65.232 and 65.233. See Notes 6. and 7. below.
As for 65.214 plus as for 65.224.

65.235
Spanish and Latin American Studies IID (Advanced)
Prerequisite: 65.224 or 65.234. See Notes 6. and 7. below.
As for 65.215 plus as for 65.225.

Honours Level units

65.506
Spanish and Latin American Studies (Honours)
Prerequisite for candidates for the single special honours degree: satisfactory performance in 65.224, 65.225, 65.234 and 65.235.
Prerequisite for candidates for a combined special honours degree: satisfactory performance in one of the following pairs of units: 65.224 and 65.225, 65.234 and 65.235, or 65.223 and 65.225.

1. Language
Advanced study of the Spanish language.

2. Literature, Linguistics, Thought and History
Four special subjects in Spanish and Spanish-American studies.
Candidates for a combined special honours degree shall normally study only two special subjects.
A short thesis written in Spanish on one of the special subjects.
Candidates for a combined special honours degree shall normally write their thesis on a subject of interest to both of the schools in which they are enrolled; the thesis may be written in Spanish or in another foreign language taught in the Faculty but only in exceptional circumstances may it be written in English.

Notes
1. Advanced Level units 65.222 and 65.223 are designed primarily for students who wish to proceed to Honours Level unit 65.506. Other students who have completed satisfactorily unit 65.501 but who do not wish to proceed to Honours Level may enrol in units 65.222 and 65.223 instead of in units 65.202 and 65.203 at the discretion of the School.

2. Advanced Level units 65.232 and 65.233 are designed primarily for students who wish to proceed to Honours Level unit 65.506. Other students who have completed satisfactorily unit 65.511 but who do not wish to proceed to Honours Level may enrol in units 65.232 and 65.233 at the discretion of the School.

3. Upper Level units 65.242 and 65.243 may be included in a sequence within the School and may be taken concurrently or sequentially with other units, provided that normal prerequisites for those units are met.

4. Advanced Level units 65.232 and 65.233 are designed primarily for students who wish to proceed to Honours Level unit 65.506. Other students who have completed satisfactorily unit 65.521 but who do not wish to proceed to Honours Level may enrol in units 65.262 and 65.263 at the discretion of the School.

5. A Pass degree students who have passed 65.203, 65.213, 65.233 or 65.233 wishing to specialize in Spanish literature should enrol in 65.204 and 65.205; those wishing to specialize in Spanish American literature should enrol in 65.214 and 65.215. See note 7.

B Pass degree students who have passed 65.213 or 65.233 wishing to specialize in Latin American history must enrol in 65.204 and 65.205 and take the history seminar in each unit in lieu of the seminar in literature prescribed for these units. In addition they must have passed or be enrolled concurrently in 65.242 and 65.243. A major sequence in this specialization consists of 65.501, 65.212, 65.213, 65.242, 65.243, 65.204 and 65.205.

C Pass degree students who have passed 65.203 or 65.233 wishing to specialize in Latin American history must enrol in 65.204 and 65.205 and take the history seminar in each unit in lieu of the seminar in literature. In addition, they must have passed or be enrolled concurrently in 65.242 and 65.243. A major sequence in this specialization consists of 65.501, 65.202, 65.203, 65.242, 65.243, 65.204, 65.205.

6. Students who decide at the beginning of their third year of studies that they wish to proceed to Honours Level unit 65.506 and who have completed satisfactorily units 65.202 and 65.203 or units 65.212 and 65.213 must enrol in units 65.224, 65.225, 65.234 and 65.235 if they are candidates for single special honours or in 65.224 and 65.225 or 65.234 and 65.235 if they are candidates for combined special honours. In addition they must complete the advanced work prescribed for units 65.222 and 65.223 or 65.222 and 65.223 in their third year of studies.

7. Advanced Level units 65.224 and 65.225, and 65.234 and 65.235 are designed primarily for students who wish to proceed to Honours Level unit 65.506. Other students who have completed satisfactorily any one pair of the pairs of units 65.202 and 65.203, 65.222 and 65.223, 65.212 and 65.213, 65.232 and 65.233 but who do not wish to proceed to Honours Level may enrol in units 65.224 and 65.225, 65.234 and 65.235, 65.222 and 65.223 and 65.234 and 65.235 instead of units 65.204 and 65.205, 65.214 and 65.215, 65.204 and 65.215, and 65.214 and 65.205.
# Timetable

*This timetable is subject to alteration.* Students should consult Faculty and School noticeboards for changes, lecture locations prior to enrolment and for subjects not listed. In general, subjects are arranged in alphabetical order, under the heading of the School concerned.

## Biology

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<th>Subject</th>
<th>Lectures</th>
<th>Tutorials/Practicals</th>
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<td>17.011 Biology of Mankind</td>
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<td>57.102 World Drama Two</td>
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<td>57.103 The Play in Performance</td>
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<td>Group B: M 4-5, Th 4-5</td>
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<td>Group C: M 7-8, Th 7-8</td>
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<td>16.611 Economic History IB</td>
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<td>Group C (Evening): T 6-7, Th 6-7</td>
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<td>50.521 English IB</td>
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<td>56.502 French IIA—Intermediate French</td>
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<td>56.511 Contemporary French Language, Literature and Civilization</td>
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<td>56.512 Enlightenment, Romanticism, Realism</td>
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<td>56.152 French Political Theatre in the 20th Century</td>
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<td>56.162 Recent Political and Sociological Speculation by French Intellectuals</td>
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### Geography

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<td>27.413 Geomorphology</td>
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<td>27.820 Location Studies</td>
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<td>27.860 Landform Studies</td>
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<tr>
<td>27.862 Australian Environment and Land Resources</td>
<td>T 10-11, F 11-12</td>
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### Geography (continued)

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<th>Tutorials/Practicals</th>
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</table>
| 27.872  | Australian Environment and Land Resources (Advanced Level) | Laboratory M 3-5  
          |                      | Tutorial To be arranged |
| 27.863  | Soils, The Ecosystem and Man | T 10-11, W 2-3 |
| 27.873  | Soils, The Ecosystem and Man (Advanced Level) | Laboratory W 10-1  
          |                      | Tutorial To be arranged |
| 27.890  | Thesis and Associated Seminars | To be arranged |
| 27.891  | Honours Economic Geography | To be arranged |
| 27.892  | Honours Human Geography | To be arranged |
| 27.893  | Honours Physical Geography | To be arranged |

### German*

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<th>Code</th>
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<td>German IA Introductory</td>
<td>M 1.15 pm; 7 March first meeting</td>
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<td>64.511</td>
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<td>64.521</td>
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<td>64.502</td>
<td>German IIA</td>
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<td>64.532</td>
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<tr>
<td>64.552</td>
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<tr>
<td>64.562</td>
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<td>64.572</td>
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<td>64.503</td>
<td>German IIIA</td>
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<td>64.513</td>
<td>German IIIB</td>
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<td>64.523</td>
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<td>64.533</td>
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<td>64.553</td>
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<td>64.620</td>
<td>German Reading Course</td>
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<td>64.630</td>
<td>Germany since 1945</td>
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<td>64.600</td>
<td>German Literature and Society in the Twentieth Century</td>
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*First meetings are held in Morven Brown Building, Room 209.
## History

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<tr>
<td>51.501 History IA—Tradition and Society in Asia</td>
<td>M 2-3, W 2-3</td>
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<tr>
<td>51.511 History IB—The Emergence of Modern Europe 1500-1850</td>
<td>M 2-3, W 2-3</td>
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<tr>
<td>51.521 History IC—Australia in the 19th Century</td>
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<tr>
<td>51.532 History IIA—Modern India 1757-1976</td>
<td>T 2-4, W 11-12</td>
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<tr>
<td>51.542 History IIB—Australia in the 20th Century</td>
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<td>51.552 History IIC—Modern Europe</td>
<td>T 11-12, Th 10-11</td>
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<td>51.562 History IID—South East Asian History</td>
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<td>51.572 History IIE—The History of the United States</td>
<td>M 12-1, W 12-1</td>
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<td>51.582 History IIF—Modern China 1840-1949</td>
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<td>51.592 History IIG—Britain since 1760</td>
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## History and Philosophy of Science

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<tr>
<td>62.201 The Modern History of Western Cosmology</td>
<td>Th 12-1, F 12-1</td>
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<tr>
<td>62.211 The Seventeenth Century Intellectual Revolution</td>
<td>T 11-12, Th 2-3</td>
<td>To be arranged</td>
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<tr>
<td>62.202 History of Ancient and Renaissance Cosmology</td>
<td>Th 12-1, F 12-1</td>
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<td>62.212 The Cultural Impact of the Seventeenth Century Scientific Revolution</td>
<td>T 11-12, Th 2-3</td>
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<tr>
<td>62.223 The Discovery of Time</td>
<td>M 10-11, T 2-3, F 2-3</td>
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<td>62.242 Introduction to the History of Ideas</td>
<td>M 10-11, W 10-11</td>
<td>To be arranged</td>
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<tr>
<td>62.243 The Darwinian Revolution</td>
<td>T 2-3, F 2-3</td>
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<tr>
<td>62.253 Social History of Science from French Revolution to World War 2</td>
<td>M 11-12, T 4-5, Th 11-12</td>
<td>To be arranged</td>
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<tr>
<td>62.263 The Development of Theories of Matter</td>
<td>T 9-10, Th 4-5, F 9-10</td>
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<tr>
<td>62.273 The Historical Foundations of Experimental Biology</td>
<td>M 4-5, T 10-11, F 10-11</td>
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<tr>
<td>62.283 The History of Theories of Generation and Heredity</td>
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## Industrial Relations

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<tr>
<td>15.511 Industrial Relations IA</td>
<td>M 12-1, Th 12-1</td>
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<td>or</td>
<td>M 5-6, Th 5-6</td>
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### Arts

#### Mathematics

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<th>Subject</th>
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<tr>
<td>10.001 Maths I</td>
<td>M 10-11, T 9-10, W 10-11, F 9-10</td>
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<td>or</td>
<td>M 10-11, T 9-10, W 10-11, F 9-10</td>
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<td>M 12-1, T 2-3, Th 12-1, F 2-3</td>
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<td>M 9-10, 2-3, W 9-10, 2-3</td>
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<td>10.011 Higher Maths I</td>
<td>M 10-11, T 9-10, W 10-11, F 9-10</td>
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<tr>
<td>10.021 Mathematics IT</td>
<td>M 9-10, 2-3, W 9-10, 2-3</td>
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#### Philosophy

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<tr>
<td>52.151 Plato</td>
<td>T 10-11, Alternate F 10-11</td>
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<tr>
<td>52.161 Informal Logic</td>
<td>Th 10-11, Alternate F 10-11</td>
<td>To be arranged</td>
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<tr>
<td>52.152 Hume</td>
<td>T 10-11, Alternate F 10-11</td>
<td>To be arranged</td>
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<tr>
<td>52.162 Formal Logic</td>
<td>Th 10-11, Alternate F 10-11</td>
<td>To be arranged</td>
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<tr>
<td>52.182 Introduction to Political Philosophy</td>
<td>Th 10-11, Alternate F 10-11</td>
<td>To be arranged</td>
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<td>52.171 Philosophy of Religion</td>
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#### Political Science

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<th>Subject</th>
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<tbody>
<tr>
<td>54.901 Australian Politics A</td>
<td>W 4-5, Th 3-4, F 12-1</td>
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<td>or</td>
<td>T 6-7, Th 6-8</td>
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<td>54.901 Australian Politics B</td>
<td>T 11-12, W 3-4, Th 10-11</td>
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<td>or</td>
<td>T 6-7, Th 6-8</td>
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<tr>
<td>54.902 Comparative Politics</td>
<td>(As for 54.901A, F 12-1, T 6-7)</td>
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<tr>
<td>54.903 Some Major Political Theories</td>
<td>M 9-10, W 9-10 or M 6-7, W 6-7</td>
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<td>54.202 Selected Political Theorists</td>
<td>W 10-11</td>
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<td>54.212 Politics of U.S.S.R.</td>
<td>M 2-3, W 11-12</td>
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<td>54.222 Politics of U.S.A.</td>
<td>W 12-1, Th 11-12</td>
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<td>54.232 Politics of China</td>
<td>M 10-12</td>
<td>To be arranged</td>
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<td>54.242 British Government: A</td>
<td>M 12-1, Th 12-1</td>
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<td>54.252 International Relations</td>
<td>T 12-1</td>
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<tr>
<td>54.262 Government and Politics of Germany and Italy</td>
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<td>54.292 Politics and the Media</td>
<td>T 10-11, W 11-12, Th 10-11</td>
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<td>54.203 African Politics</td>
<td>T 9-10, Th 9-10</td>
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<td>54.213 Public Policy Making</td>
<td>T 11-12</td>
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### Psychology

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<tr>
<td>12.001 Psychology I</td>
<td>M 11-12 or M 6-7 and T 4-5 or M 7-8 and Th 11-12 or T 6-7</td>
<td>2 hour practical to be arranged at first lecture</td>
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<td>12.122 Psychology II (Pass)</td>
<td>M 3-4, T 3-4</td>
<td>2 hour practical to be arranged at first lecture</td>
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<td>12.052 Basic Psychological Processes II (Session 1)</td>
<td>T 4-5, T 5-6</td>
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<td>12.062 Complex Psychological Processes II (Session 2)—choice of 2 out of 3 electives</td>
<td>Cognition T 4-5, Perception T 5-6, Social Th 4-5</td>
<td>2 hour fortnightly practical for each elective to be arranged at first lecture</td>
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<tr>
<td>12.152 Research Methods II</td>
<td>M 9-10 or T 6-7 or W 9-10 and T 10-11 or Th 6-7 or F 10-11</td>
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### Russian

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<td>59.501 Russian IA—Introductory Russian (full year)</td>
<td>W 9-10</td>
<td>T 2-3, Th 2-3 plus another alternative</td>
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<td>M 10-11, T 10-11, Th 10-11, F 10-11</td>
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#### Sociology

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<td>M 12-1 and T 12-1</td>
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<td>53.104 Introduction to Social Theory</td>
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#### Spanish and Latin American Studies

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<th>Language Tutorials</th>
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<tr>
<td>— Introductory Spanish</td>
<td>A M 8-9, W 8-9, Th 8-9, F 8-9 or B M 9-10, W 9-10, Th 9-10, F 9-10 or C M 11-12, W 11-12, Th 11-12, F 11-12 or D M 12-1, W 12-1, Th 12-1, F 12-1 or E M 2-3, W 2-3, Th 2-3, F 2-3 F 10-11</td>
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<td>Language Laboratory</td>
<td>M 10-11 or T 10-11 or W 10-11 or Th 1-2 or F 1-2</td>
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<td>A M 10-11, W 11-12 or B T 12-1, Th 9-10</td>
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<td>M 1-2 or W 9-10</td>
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<p>| 65.202 Spanish &amp; Latin American Studies IIA (Session 1) | |</p>
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<tr>
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<th>Tutorials/Practicals</th>
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</table>
| 65.203  | Spanish & Latin American Studies IIB (Session 2) | F 10-11 | Language Tutorials  
A M 10-11, W 11-12  
or  
B T 12-1, Th 9-10  
Language Laboratory  
M 1-2 or W 9-10  
Literary Seminar  
T 10-11 or W 3-4  
History Seminar  
W 2-3 |
| 65.242  | Spanish & Latin American Studies IIE  
Spain and Latin America 1400-1810 (Session 1) | | |
| 65.243  | Spanish & Latin American Studies IIF  
—Latin America 1810-1975 (Session 2) | M 2-4 | Tutorials  
A M 11-12  
or  
B M 12-1  
or  
C T 12-1  
or  
D F 11-12 |
| 65.212  | Spanish & Latin American Studies IIC | | Literary Seminar  
M 11-12, F 2-3  
Linguistics  
Th 10-12  
History Seminar  
W 2-3 |
| 65.213  | Spanish & Latin American Studies IID | | |
### Buildings

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<tbody>
<tr>
<td>Applied Science</td>
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<tr>
<td>Architecture</td>
<td>H14</td>
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<td>Banks</td>
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<tr>
<td>Basser College</td>
<td>C18</td>
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<tr>
<td>Biological Sciences</td>
<td>D26</td>
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<tr>
<td>Biomedical Lecture Theatres</td>
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<td>Central Lecture Block</td>
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<td>Central Store</td>
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<td>Chancellery</td>
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<td>Civil Engineering</td>
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<td>Dalton (Chemistry)</td>
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<td>Golf House</td>
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<td>Gymnasium</td>
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<td>House at Pooh Corner</td>
<td>N8</td>
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<tr>
<td>International House</td>
<td>C6</td>
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<td>John Goodsell (Commerce)</td>
<td>F20</td>
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<tr>
<td>Keith Burrows Lecture Theatre</td>
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<tr>
<td>Kensington Colleges</td>
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<tr>
<td>Main Building</td>
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<tr>
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<td>Medicine (Administration)</td>
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<td>Menzies Library</td>
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<td>Metallurgy</td>
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<td>New College (Anglican)</td>
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<td>Newton</td>
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<td>Old Main Theatre</td>
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<td>Parking Station</td>
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<td>Philip Baxter College</td>
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<td>Robert Heffron (Chemistry)</td>
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<td>Sam Cracknell Pavilion</td>
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<td>Sciences</td>
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<td>Shalom College (Jewish)</td>
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<td>Sir Robert Webster (Textile Technology)</td>
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<td>Squash Courts</td>
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<td>Unisearch House</td>
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<tr>
<td>University Regiment</td>
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<tr>
<td>University Union (Roundhouse) — Stage I</td>
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<td>University Union (Blockhouse) — Stage II</td>
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<td>Warrane College (Roman Catholic)</td>
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### General

<table>
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<th>Department</th>
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<tr>
<td>Accountancy</td>
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<td>Admissions Office</td>
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<td>Cashier's Office</td>
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### Centre for Medical Education

- Research and Development: F24
- Chemical Engineering: F10
- Chemical Technology: F10
- Chemistry: E12
- Child Minding Centre: N8
- Civil Engineering: H20
- Closed Circuit Television Centre: F19
- Commerce (Faculty Office): F20
- Community Medicine: E25
- Computer Services Unit: F21
- Drama: D9
- Economics: F20
- Education: G1
- Electrical Engineering: G17
- Engineering (Faculty Office): K17
- English: C19
- Examinations and Student Records: B22
- Fees Office: B23
- Food Technology: F10
- French: C20
- General Studies: C20
- Geography: K17
- German: C20
- Health Administration: C22
- History: C20
- History and Philosophy of Science: C19
- Industrial Arts: B1
- Industrial Engineering: J17
- Institute of Administration: G2
- Institute of Languages: G14
- Institute of Rural Technology: B8
- Law (Faculty Office): F21
- Law Library: F21
- Librarianship: B10
- Library: E21
- Marketing: F19
- Mathematics: F23
- Mechanical Engineering: J17
- Medicine (Faculty Office): B27
- Metallurgy: E8
- Microbiology: D26
- Mining Engineering: K15
- Music: B11
- National Institute of Dramatic Art: C15
- Nuclear Engineering: F18
- Optometry: H12
- Pathology: C27
- Patrol and Cleaning Services: F20
- Philosophy: C20
- Physics: K13
- Physical Education and Recreation Centre (PERC), see Gymnasium and Squash Courts
- Physiology and Pharmacology: C27
- Political Science: C19
- Postgraduate Committee in Medical Education: B27
- Postgraduate Extension Studies (Closed Circuit Television): F19
- Postgraduate Extension Studies (Radio Station and Administration): F23
- Psychology: F23
- Public Affairs Unit: C23
- Regional Teacher Training Centre: F24
- Russian: D20
- Science (Faculty Office): K14
- Social Work: F1
- Sociology: C20
- Spanish and Latin American Studies: D19
- Student Amenities and Recreation: E15
- Student Counselling and Research: E16
- Student Employment: C22
- Student Health: E15
- Students' Union: E4
- Surveying: H20
- Teachers' College Liaison Office: F16
- Tertiary Education Research Centre: E16
- Textile Technology: G14
- Town Planning: K15
- University Union: G6
- Wool and Pastoral Sciences: B8
- Zoology: D26
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Telex AA26054

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