WOLLONGONG UNIVERSITY COLLEGE HANDBOOK 1968
# Contents

## GENERAL INFORMATION

<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Introduction</td>
<td>5</td>
</tr>
<tr>
<td>Principal Dates</td>
<td>6</td>
</tr>
<tr>
<td>Advisory Committee</td>
<td>8</td>
</tr>
<tr>
<td>University College Staff</td>
<td>9</td>
</tr>
<tr>
<td>Requirements for Admission</td>
<td>13</td>
</tr>
<tr>
<td>Undergraduate Courses of Study</td>
<td>21</td>
</tr>
<tr>
<td>Description of Subjects</td>
<td>27</td>
</tr>
<tr>
<td>Table of Courses Available</td>
<td>32</td>
</tr>
<tr>
<td>Graduate Studies</td>
<td>34</td>
</tr>
<tr>
<td>Radio Courses</td>
<td>36</td>
</tr>
<tr>
<td>Subject Identification</td>
<td>37</td>
</tr>
<tr>
<td>Scholarships</td>
<td>38</td>
</tr>
<tr>
<td>Prizes</td>
<td>43</td>
</tr>
</tbody>
</table>

## STUDENT SERVICES

<table>
<thead>
<tr>
<th>Service</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>The University College Union</td>
<td>45</td>
</tr>
<tr>
<td>The Library</td>
<td>45</td>
</tr>
<tr>
<td>Chaplaincy Service</td>
<td>45</td>
</tr>
<tr>
<td>Travel Concession Passes</td>
<td>46</td>
</tr>
<tr>
<td>Lost Property</td>
<td>46</td>
</tr>
</tbody>
</table>

## PROCEDURES

<table>
<thead>
<tr>
<th>Procedure</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Payment of Fees</td>
<td>47</td>
</tr>
<tr>
<td>Undergraduate Course Fees</td>
<td>48</td>
</tr>
<tr>
<td>Withdrawal from Course</td>
<td>52</td>
</tr>
</tbody>
</table>
RULES AFFECTING STUDENTS

Attendance at Classes ........................................... 55
Annual Examinations ............................................. 55
Deferred Examinations ............................................ 57
Application for Admission to Examinations .................. 58
Restriction Upon Students Re-enrolling ....................... 58
Re-admission After Exclusion .................................... 61
Ownership of Students' Work .................................... 61
Application of Rules ............................................. 62

EXTRA-CURRICULAR ACTIVITIES

Sporting Facilities .............................................. 63
The Students' Union ............................................ 63
Student Clubs and Societies .................................... 63
Looking south. The Engineering Building is on the right, and the building in the background is the Science and Metallurgy Building.
Introduction

Wollongong University College was established as a College of the University of New South Wales in May, 1961, under the provisions of The Technical Education and University of New South Wales Act, 1949, as amended, which gives the Council the power to 'establish and maintain branches, departments or colleges of the University at Wollongong, Broken Hill or such other place in the State as the Council deems fit'. The Council has established the Wollongong University College Advisory Committee to advise it on all matters affecting the College; and an Academic Advisory Committee to consider and report upon matters relating to the academic programme of Wollongong University College.

In March, 1962, the College moved to its present site at North Wollongong. The site, which occupies about fifty-five acres, is approximately two miles from the centre of the City of Wollongong.

At present, the first year or early years of most courses (with the exception of Architecture, Building, Town Planning, Surveying and Social Work) offered by the University of New South Wales are available at Wollongong. In addition, post-graduate work may also be undertaken. Specific details regarding the availability of courses at Wollongong are listed in another section of this handbook.

The identity of the courses at the College with those offered by the University of New South Wales at other centres makes possible the ready transfer of students, and the proximity to Sydney enables the staff of the College to be in close association with the parent University at Kensington.

This handbook has been specially designed as a source of reference for students at Wollongong, and will prove useful for consultation throughout the first year. However, it should be read in conjunction with the University calendar where complete details regarding courses, staff membership, scholarships, etc., can be found.
## Principal Dates

### 1968

| Term 1 (11 weeks) | 4th March to 18th May. |
| Term 2 (10 weeks) | 3rd June to 10th August. |
| Term 3 (9 weeks)  | 2nd September to 2nd November. |

| Annual Examinations— | |
| 24-week courses | 23rd September to 7th October. |
| 30-week courses | 9th November to 30th November. |

| January | |
| Monday 29 | Australia Day—Public Holiday. |
| Tuesday 30 to Saturday 10 February | Deferred Examinations. |

| February | |
| Monday 19 to Friday 23 | Enrolment period for new first year students. |
| Monday 26 to Friday 1 March | Enrolment period for re-enrolling students. |

| March | |
| Monday 4 | First term lectures commence. |
| Friday 15 | Last day of enrolment for new students (late fee payable). |
| Friday 29 | Last day for later year enrolments. |

| April | |
| Friday 5 | Graduation Ceremony. |
| Friday 12 to Monday 15 | Easter Holidays. |
| Thursday 25 | Anzac Day—Public Holiday. |

| May | |
| Saturday 18 | First term ends. |

| June | |
| Monday 3 | Second term commences. |
| Monday 10 | Queen's Birthday—Public Holiday. |

| July | |
| Friday 9 | Last day for acceptance of applications for examinations without payment of late fee. |

| August | |
| Saturday 10 | Second term ends. |
September
Monday 2 ........................................... Third term commences.
Saturday 21 ........................................... Annual examinations commence — 21 and 24-week courses.

October
Saturday 5 ........................................... Annual examinations end—21 and 24-week courses.
Monday 7 ........................................... Eight Hour Day—Public Holiday.

November
Saturday 2 ........................................... Third term lectures cease.
Saturday 9 to Saturday 30 ........................................... Annual examinations—30-week courses.

1969

Term 1 (11 weeks) ........................................... 3rd March to 17th May.
Term 2 (10 weeks) ........................................... 2nd June to 9th August.
Term 3 (9 weeks) ........................................... 1st September to 1st November.

January
Monday 27 ........................................... Australia Day—Public Holiday.
Tuesday 28 to Saturday 8 February ........................................... Deferred examinations.

March
Monday 3 ........................................... First term lectures commence.

COMMITTEE MEETINGS

Advisory Committee p.m.
Friday, 15th March 2.00
Friday, 26th July 2.00
Friday, 15th November 2.00

W.U.C. Academic Advisory Committee
Friday, 19th April 2.15
Friday, 5th July 2.15
Friday, 20th September 2.15
Friday, 6th December 2.15

W.U.C. Development Committee
Friday, 23rd February 2.15
Friday, 5th July 2.15
Friday, 25th October 2.15

Student Affairs Committee p.m.
Monday, 25th March 5.00
Monday, 6th May 5.00
Monday, 1st July 5.00
Monday, 2nd September 5.00
Monday, 4th November 5.00

Union Board of Management
Tuesday, 20th February 5.30
Tuesday, 19th March 5.30
Tuesday, 16th April 5.30
Tuesday, 21st May 5.30
Tuesday, 18th June 5.30
Tuesday, 16th July 5.30
Tuesday, 20th August 5.30
Tuesday, 17th September 5.30
Tuesday, 15th October 5.30
Tuesday, 19th November 5.30
Tuesday, 17th December 5.30
WOLLONGONG UNIVERSITY COLLEGE
ADVISORY COMMITTEE

Chairman: The Vice-Chancellor, Professor Sir Philip Baxter.

Deputy Chairman: Dr. F. M. Mathews, Chief Engineer, Australian Iron & Steel Pty. Ltd., Port Kembla.

The Warden, Professor C. A. M. Gray.
Dr. K. J. Ausburn, Department of Physics, Wollongong University College.
Mr. J. E. Beale, Solicitor, Wollongong.
Mrs. J. P. Brown, Business & Professional Women's Association, Wollongong.
Professor M. Chaikin, Dean of Faculty of Applied Science.
Mr. J. K. Doherty, Field Engineer, Coalcliff Collieries, Coalcliff.
Professor Ross Duncan, Wollongong University College.
Mr. T. K. Duncan, Manager, Australian Iron & Steel Pty. Ltd., Wollongong.
Mr. R. G. Gole, Public Accountant, Wollongong.
Mr. H. H. Hartley, Manager, Electrolytic Refining & Smelting Co. of Australia Pty. Ltd., Port Kembla.
Professor A. Keane, Wollongong University College.
Mr. J. C. F. Lysaght, Director and Works General Manager, John Lysaght (Aust.) Ltd., Port Kembla.
Mr. T. H. Malcolm, Secretary, Kembla Branch, Federated Ironworkers' Association, Wollongong.
Miss K. McCredie, Principal, Sydney Church of England Girls' Grammar School, Keiraville.
Mr. W. McGrath, Principal, Wollongong Teachers' College, Wollongong.
Mr. S. C. Palmer, Architect, Wollongong.
Mr. D. Parry, Managing Director, Southern Engineering Services Pty. Ltd., Wollongong.
Mr. R. J. Pearson, Manager, Metal Manufactures Pty. Ltd., Port Kembla.
Professor B. J. Ralph, Dean of Faculty of Science.
Mr. E. D. Ramsay, President, South Coast Trades and Labour Council, Wollongong.
Professor E. B. Smyth, Dean of Faculty of Commerce.
Professor J. B. Thornton, Dean of Faculty of Arts.
Professor R. E. Vowels, Pro-Vice-Chancellor.
Professor A. H. Willis, Pro-Vice-Chancellor.
Mr. I. C. Young, Area Director, Department of Education, Wollongong.
Staff

WARDEN
Professor C. A. M. Gray, Hon.JMN, BSc ME Syd., MIMechE, AMICE, AMIEAust, Emeritus Professor, University of Malaya

SENIOR ADMINISTRATIVE OFFICER
D. J. Webster, BA N.Z.

ADMINISTRATIVE ASSISTANTS
M. J. Boland, AASA
J. F. White, BA N.E.

LIBRARIAN
D. A. R. Kemp, BA Durh., DipLib Lond., FLA ALAA

DIVISION OF ENGINEERING

HEAD OF DIVISION OF ENGINEERING
Professor C. A. M. Gray, Hon.JMN, BSc ME Syd., MIMechE, AMICE, AMIEAust, Emeritus Professor, University of Malaya

Department of Electrical Engineering

SENIOR LECTURER
O. J. Tassicker, MEE Melb., MIEAust, FIEE

LECTURERS
W. H. Charlton, BE N.S.W., ASTC, MIEE, AMIEAust
Z. Herceg, DipEng Zagreb, AMIEAust

Department of Mechanical Engineering

ASSOCIATE PROFESSOR
S. E. Bonamy, BE Syd., MSc Birm., PhD N.S.W., ASTC AMIEAust, MIMechE

SENIOR LECTURERS
A. W. Roberts, BE PhD N.S.W., ASTC, AMIEAust, AMIMechE
R. W. Upfold, ME N.S.W., ASTC, AMIEAust, AMIMechE
P. van der Werf, ME PhD N.S.W., ASTC, AMIEAust

LECTURERS
P. C. Arnold, BE N.S.W., AMIEAust
M. J. Lowrey, BE N.S.W., ASTC, AMIEAust

PROFESSIONAL OFFICER
R. M. Kinnell, ASTC, AMIEAust

DIVISION OF SCIENCE

Department of Chemistry

ASSOCIATE PROFESSOR
E. Gellert, DrPhil Basle, FRACI

SENIOR LECTURERS
P. D. Bolton, BSc Exe., PhD Lond., ARIC
F. M. Hall, MSc N.S.W., ASTC, ARACI

LECTURERS
W. K. Hannan, MSc Syd.
E. Kokot, BSc PhD N.S.W., ASTC, ARACI
I. H. Reece, MSc N.S.W., ASTC, ARACI
**Senior Tutors**

D. J. Campbell, BSc DipEd *Tas.*
R. Rudzats, MSc *N.S.W.*, ASTC, ARACI, ARIC

**Post-Doctoral Research Fellow**

K N. Trivedi, MSc PhD *Bda.*

**Department of Mathematics**

**Professor of Mathematics**

A. Keane, MSc *Syd.*, PhD *N.S.W.*

**Associate Professor**

C. A. Wilkins, MSc *N.Z.*, PhD *N.S.W.*

**Senior Lecturer**

A. E. Chapman, MSc *Lond.*

**Lecturer**

D. J. Clarke, BSc *W. Aust.*, MSc *Adel.*
T. S. Horner, BSc DipEd *Syd.*

**Teaching Fellow**

C. Chiarella, MSc *Syd.*

**Department of Metallurgy**

**Senior Lecturer**

G. Brinson, MSc *Melb.*, PhD *Sheff.*, FIM, AMAusIMM

**Lecturers**

T. W. Barnes, MSc *N.S.W.*, ASTC, AIM, AMAusIMM
A. C. Cook, MA *Cantab.*, AMAusIMM, FGS—Geology
N. F. Kennon, MSc *N.S.W.*, FRMTAC, AIM, AMAusIMM
E. R. Philips, PhD—Geology
N. Salasoo, BSc *N.S.W.*, ASTC, AMAusIMM
N. Standish, MSc *N.S.W.*, PhD *Otago*, ASTC, ANZIC, AMAusIMM

**Teaching Fellow**

S. Marich, BSc *N.S.W.*

**Department of Physics**

**Visiting Professor**

R. G. Giovanelli, DSc *Syd.*, FAA, FAIP, FRAS

**Senior Lecturer**

K. J. Ausburn, BSc *Syd.*, MSc *Lond.*, PhD *N.S.W.*, DIC, AInstP

**Lecturers**

A. I. Segal, BSc *Melb.*, GradAIP
J. N. Stephens, MA *Cantab.*, PhD *N.S.W.*, Grad AIP, AMInstF

**Tutor**

J. L. K. Lising, BSc *N.S.W.*

**ARTS**

**Department of Education**

**Senior Lecturer**

B. V. Hill, BA BEd *W. Aust.*, MA *Syd.*, MACE
Department of English

Professor of English
Vacant.

Lecturers
M. Valerie Beers, MA BEd DipEd Melb.
Mrs. Geraldine V. MacNeill, MA N.Z.

Tutor
Mrs. I. S. Sharp, BA DipEd Syd.

Department of Geography

Lecturer
Vacant.

Tutor
A. R. Dell, BA Tas.

Department of History

Professor of History
Ross Duncan, MA Adel.

Senior Lecturer
A. M. Healy, BA Syd., PhD A.N.U.

Lecturers
J. S. Hagan, BA DipEd Syd., PhD A.N.U.
C. P. Kiernan, MA Cantab. and Melb.

Department of History and Philosophy of Science

Lecturer
R. D. Francis, MA N.Z. and Melb., ABPsS

Department of Psychology

Senior Tutor
N. L. Adams, BSc N.S.W.

Tutor
C. G. Cupit, BA Syd.

COMMERCE

Department of Accountancy

Lecturer
E. D. Moore, BCom Newcastle, AASA, AICA, ACIS

Department of Economics

Professor of Economics
Vacant.

Lecturers
S. Ali, MCom Melb., DEc Hasanuddin
J. C. Steinke, MA Calif.

Tutor
Mrs. M. Morrison, BA Sheff.

GENERAL STUDIES

Lecturer
A. A. Brownlea, BEc Syd., MA NE
The Electrical Machines Laboratory
General Information

REQUIREMENTS FOR ADMISSION

INTRODUCTORY INFORMATION

Candidates may qualify for entry to undergraduate courses by complying with the matriculation requirements set out in Section A below, or by meeting the relevant requirements specified in Section B or, for 1968 only, by complying with the special matriculation requirements set out in Section C.

SECTION A

MATRICULATION REQUIREMENTS

(To operate from 1st January, 1968)

1. (a) A candidate for any first degree of the University must satisfy the conditions for admission set out hereunder before entering upon the prescribed course for a degree. Compliance with these conditions does not in itself entitle a student to enter upon a course.

(b) A candidate who has satisfactorily met the conditions for admission and has been accepted by the University shall be classed as a "matriculated student" of the University after enrolment.

(c) A person who has satisfactorily met the conditions for admission may be provided with a statement to that effect on the payment of the prescribed matriculation fee.

2. Except as elsewhere provided a candidate before being admitted to matriculation shall have passed at the required standard the Higher School Certificate Examination in New South Wales in at least five subjects in accordance with the following conditions:

(a) The subjects shall be chosen from the following subjects taken at the first, second or third level, in the Higher School Certificate Examination:

A. English.

B. (i) French, German, Greek, Latin.

(ii) Ancient History, Art, Economics, Geography, Modern History, Music, Bahasa Indonesia, Chinese, Dutch, Hebrew, Italian, Japanese, Russian, Spanish or such other language as may, in the case of any particular candidate, be approved by the Professorial Board.
C. (i) Mathematics.
(ii) Agriculture, Science.


(b) The subjects shall include:—
(i) English,
(ii) four subjects at the first or second level, and,
(iii) one subject chosen from each of the Groups B and C and of these two subjects at least one must be from Section (i) of either Group B or Group C at the first or second level.

(c) The subjects shall NOT include both Art and Music.

3. Mathematics and Science both passed as full courses together shall, for the purpose of matriculation, be counted as three subjects, but otherwise each shall count as one subject.

4. The qualification for matriculation must be obtained at one examination.

5. In addition to the above requirements a candidate for admission to any particular faculty, course or subject shall satisfy the special requirements, if any, pertaining to that faculty, course or subject as set out in the following Schedule A. Where these additional requirements are not satisfied at the same examination as the requirements listed in paragraph 2 they may be met at a separate examination.

6. (a) Notwithstanding the provisions of Clauses 2, 3 and 5 of these requirements, any candidate who has taken the Higher School Certificate Examination in the subject of English and no fewer than any four other subjects named in Clause 2, at any level, may be admitted to matriculation provided he has reached a standard determined from time to time by the Professorial Board.*

(b) Mathematics and Science both taken as full courses together shall, for the purpose of this clause, be counted as three subjects.

(c) A candidate qualifying for matriculation under this clause may also be admitted to a particular faculty, course or subject provided:—
(i) he satisfies the special requirements pertaining to that faculty, course or subject as set out in Schedule A, or

*See later for Professorial Board's decisions on these matters.
(ii) the Professorial Board* deems that his programme of studies for, and his performance at, the Higher School Certificate Examination constitute an adequate preparation for his admission to the particular faculty, course or subject.

**SCHEDULE A**

**ADDITIONAL FACULTY, COURSE AND SUBJECT REQUIREMENTS IN TERMS OF CLAUSE 5**

(a) **Faculty Requirements**

*Applied Science, Medicine, Engineering, Science*

Passes in *Mathematics* and *Science* at the *first* or *second* level full course.

*Architecture*

Passes in *Mathematics* at the *first* or *second* level full course and in *Science* at the *first* or *second* level full course or *second* level short course provided that the *Physics* option has been taken in the short course.

*Commerce*

Passes in *English* at the *first* or *second* level and *Mathematics* at the *first* or *second* level full course or *second* level short course.

*Arts*

Pass in *English* at the *first* or *second* level.

(b) **Course Requirements**

*Industrial Arts (B.Sc. and B.Sc. (Tech.)), and Sheep and Wool Technology (Education Option) (B.Sc.)*.

Passes in *Science* at the *first* or *second* level full course and in *Mathematics* at the *first* or *second* level full or short course provided that a student electing to include the subject *Mathematics I* in his University course shall have passed *Mathematics* at the *first* or *second* level full course.

*Social Work (B.Soc.Wk.)*.

As for Faculty of Arts.

(c) **Subject Requirements**

*French I*

Pass in *French* at the *first* or *second* level.

*See later for Professorial Board’s decisions on these matters.*
German I
Pass in German at the first or second level or pass in Introductory German.

Introductory German, Introductory Spanish or Preliminary Italian.
Pass in any other foreign language at the first or second level.

Economics II or Economics III
Passes in English at the first or second level and Mathematics at the first or second level full course or second level short course.

Mathematics I
Pass in Mathematics at the first or second level full course.

Geology I
Pass in Science at the first or second level full course.

Chemistry I, Physics I or General and Human Biology
Passes in Mathematics and Science at the first or second level full course.

SECTION B
SUPPLEMENTARY PROVISIONS FOR MATRICULATION

1. Notwithstanding the provisions of Section A above, candidates may be accepted as “matriculated students” of the University under the following conditions subject to the approval of the Professorial Board:

(a) Any person who holds a diploma from the New South Wales Department of Technical Education, or any other Technical College which may from time to time be recognised by the University, may be admitted to the University as a “matriculated student” with such status as the Board may determine, provided that, in the opinion of the Board, the applicant’s qualifications are sufficient for matriculation to the Faculty nominated.

(b) The Board may admit as a “matriculated student” in any Faculty with such status as the Board may determine in the circumstances;

(i) A graduate of any approved University.

(ii) An applicant who presents a certificate from a University showing that he has a satisfactory record and is qualified for entrance to that University, provided that in the opinion of the Board there is an acceptable correspond-
ence between the qualifying conditions relied upon by the applicant and conditions laid down for matriculation to the nominated Faculty of the University of New South Wales.

(c) (i) Any person who has completed the first year of the course at the Royal Military College of Australia and submits a certificate from the Commandant to that effect may be admitted as a "matriculated student" of the University.

(ii) Any person who has completed a full course of at least three years' prescribed study at the Royal Military College of Australia and produces a certificate from the Commandant to that effect may be admitted as a "matriculated student" of the University with such status as the Board may determine.

(d) Any person who had completed satisfactorily the passing out examination of the Royal Australian Naval College and submits a certificate from the Commanding Officer may be admitted as a "matriculated student" of the University.

(e) (i) Any person who has completed the first year of the course at the Royal Australian Air Force College and submits a certificate from the Commandant to that effect, may be admitted as a "matriculated student" of the University.

(ii) Any person who has completed two years of the course at the Royal Australian Air Force College and submits a certificate from the Commandant to that effect, may be admitted as a "matriculated student" of the University with such status as the Board may determine.

(f) An applicant who presents a certificate from another University showing that he is qualified for entrance to that University and setting out the grounds of such qualification, provided that in the opinion of the Professorial Board, there is an acceptable correspondence between the qualifying conditions relied upon by the applicant and the conditions laid down for matriculation to the nominated Faculty of the University of New South Wales.

2. (a) The Professorial Board may in special cases, including cases concerning persons of other than Australian education, declare any person qualified to enter a Faculty as a "provisionally matriculated student" although he has not complied with the requirements set out above, and in so doing may prescribe the
completion of certain requirements before confirming the person's standing as a "matriculated student". Students who satisfactorily complete these requirements will be permitted to count the courses so passed as qualifying for degree purposes.*

(b) Persons over the age of twenty-five years may be admitted to provisional matriculation status provided that:—

(i) they have satisfactorily completed an approved course of systematic study extending over at least three years after passing the School Certificate Examination, or

(ii) they satisfy the Professorial Board that they have reached a standard of education sufficient to enable them profitably to pursue the first year of the proposed course.

(c) Any applicant for provisional status may be required to take such examination as the Professorial Board may prescribe before such status is granted.

3. The Professorial Board may at its discretion permit a person, who does not satisfy the requirements for admission, to attend lectures in a subject or subjects at the University, on payment of the prescribed fees provided that such person shall not necessarily have the privileges of "matriculated students" and shall not be eligible to proceed to a degree.

SECTION C

SPECIAL MATRICULATION REQUIREMENTS TO OPERATE IN 1968 ONLY

(Determinations of the Professorial Board in terms of Clause 6 of the normal requirements as set out in Section A above)

The Professorial Board has determined that, for 1968 only:

(a) a candidate who qualifies by means of the 1967 Higher School Certificate examination to matriculate in any other university in New South Wales or in the Australian National University shall be deemed to have qualified to matriculate in the University of New South Wales under the provisions of Clause 6 of the matriculation requirements set out in Section A above.

* The Professorial Board has determined that normally confirmation of standing as a "matriculated student" will require the successful completion of not less than half the normal programme in the first year of enrolment.
(b) a candidate who achieves at the 1967 Higher School Certificate examination a standard acceptable to the Professorial Board in English and any four other subjects approved for matriculation purposes shall be deemed to have qualified to matriculate in the University of New South Wales under the provisions of Clause 6 of the matriculation requirements set out in Section A above. For this purpose Mathematics and Science both taken as full courses shall count as three subjects.

(c) the special requirements pertaining to entry to a particular faculty, course or subject, referred to in Clause 6 of Section A, shall be as set out in Schedule B.

Schedule B

SPECIAL FACULTY, COURSE OR SUBJECT REQUIREMENTS IN TERMS OF CLAUSE 6 OF THE NORMAL REQUIREMENTS AS SET OUT IN SECTION A ABOVE (TO OPERATE ONLY IN 1968)

(a) Faculty Requirements

APPLIED SCIENCE, ENGINEERING, MEDICINE AND SCIENCE
Passes in Science at the second level short course or higher AND in Mathematics either at the second level full course or higher or at the second level short course at a standard acceptable to the Professorial Board.

ARCHITECTURE
Passes in Mathematics at the second level short course or higher AND in Science, at the second level short course or higher.

COMMERCE
Passes in Mathematics at the second level short course or higher AND in English at either the second level or higher or at the third level at a standard acceptable to the Professorial Board.

ARTS
A pass in English at the second level or higher, or a pass at the third level at a standard acceptable to the Professorial Board.

(b) Course Requirements

(Courses under the control of the Board of Vocational Studies)
SOCIAL WORK COURSE (Bachelor of Social Work)
As for Faculty of Arts.
INDUSTRIAL ARTS COURSE (B.Sc. and B.Sc. (Tech.)) and
SHEEP AND WOOL TECHNOLOGY (EDUCATION OPTION)
COURSE (B.Sc.)

As for Faculties of Applied Science, Engineering, Medicine and
Science.

(c) Subject Requirements

10.011 HIGHER MATHEMATICS I A pass in Mathematics at
the second level full course
or higher.

10.001 MATHEMATICS I A pass in Mathematics at the
second level short course at
a standard acceptable to the
Professorial Board.

10.021 MATHEMATICS IT A pass in Mathematics at the
second level short course.

PHYSICS I
CHEMISTRY I
GENERAL AND HUMAN BIOLOGY
GEOLGY I
ECONOMICS II
ECONOMICS III
FRENCH I A pass in French at second
level or higher.

GERMAN I Pass in German at second
level or higher or in Intro-
ductory German.

INTRODUCTORY GERMAN
INTRODUCTORY SPANISH
PRELIMINARY ITALIAN Pass in any other foreign
language at second level or
higher.

NOTE: Candidates who depend for matriculation on a pass in a
subject "at a standard acceptable to the Professorial Board"
(indicated in italics throughout the above statement may
ascertain whether they have satisfied this standard by written
application to the Registrar which must be lodged not later
than 22nd January, 1968.

20
UNDERGRADUATE COURSES OF STUDY AND 
DEGREES AWARDED

The basic undergraduate programme of studies available at Wollongong constitutes a selection of those subjects of study most in demand to qualify for the degrees of Bachelor of Arts, Bachelor of Commerce, Bachelor of Science and Bachelor of Science (Technology). The full requirements for these degrees are set out in the University Calendar, and the following abridged information should be read in conjunction with the detailed particulars contained in the Calendar.

The subjects of study required for these degrees are being introduced progressively at Wollongong as the demand for them becomes evident, and as facilities and staff become available. At this stage, however, it is possible for students at Wollongong to take the first year of all undergraduate courses offered by the University in the Faculties of Applied Science, Arts, Commerce, Engineering (Mechanical and Industrial, Electrical, Civil), Medicine and Science. The accompanying tables show the full range of courses and the extent to which they can be taken at Wollongong.

Where the subjects of the advanced years for any degree offered by the University are not available at Wollongong, the student may transfer to Kensington with full credit, in most cases, for work completed at Wollongong.

In 1968, the subjects listed in the following pages will be available at Wollongong, subject to staff and facilities being available and to the number of enrolling students justifying the provision of such subjects.

BACHELOR OF ARTS (B.A.)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Subject</th>
<th>Hours per week</th>
<th>for 3 terms</th>
</tr>
</thead>
<tbody>
<tr>
<td>50.111</td>
<td>English I</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>50.112</td>
<td>English II</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>50.113</td>
<td>English III</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>51.111</td>
<td>History I</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>51.112</td>
<td>History II</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>51.113</td>
<td>History III</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>15.101</td>
<td>Economics I</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>15.102</td>
<td>Economics II</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>15.103</td>
<td>Economics III</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>12.001</td>
<td>Psychology I</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>12.022</td>
<td>Psychology II</td>
<td>6</td>
<td></td>
</tr>
<tr>
<td>10.001</td>
<td>Mathematics I</td>
<td>6</td>
<td></td>
</tr>
<tr>
<td>10.011W</td>
<td>Higher Mathematics I</td>
<td>6</td>
<td></td>
</tr>
<tr>
<td>10.111W</td>
<td>Pure Mathematics IIW</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>10.121W</td>
<td>Pure Mathematics IIW (Higher)</td>
<td>6</td>
<td></td>
</tr>
<tr>
<td>10.112W</td>
<td>Pure Mathematics IIIW</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>10.122W</td>
<td>Pure Mathematics IIIW (Higher)</td>
<td>7</td>
<td></td>
</tr>
<tr>
<td>10.211W</td>
<td>Applied Mathematics I</td>
<td>7</td>
<td></td>
</tr>
<tr>
<td>10.221W</td>
<td>Applied Mathematics IIW (Higher)</td>
<td>7</td>
<td></td>
</tr>
<tr>
<td>10.212W</td>
<td>Applied Mathematics IIIW</td>
<td>7</td>
<td></td>
</tr>
<tr>
<td>10.222W</td>
<td>Applied Mathematics IIIW (Higher)</td>
<td>8</td>
<td></td>
</tr>
</tbody>
</table>
The Bachelor of Arts course was introduced at Wollongong in 1964. A programme of studies consistent with the rules set out in the University Calendar may be chosen from the above-listed subjects in 1968, but it should be noted that not all these will necessarily be offered. Subject to their availability, and class timetables permitting, subjects may be taken on a full-time or part-time basis. Details concerning the subjects available and the relevant timetables are available from the Senior Administrative Officer. Full-time students normally take four subjects in their first year, while part-time students normally limit their programme in any year to no more than two subjects. The minimum time for completion of requirements for the full-time degree is three years. Part-time students may qualify in five years. However, dependent on the programme selected and the capacity of the student, the duration of the course may vary.

**BACHELOR OF COMMERCE (B.COM.) — PASS DEGREE**

**ACCOUNTANCY — FULL-TIME COURSE**

| Year I | Accounting I | 14.111 | Lec. | 3 |
|        | Commercial Law | 14.211 | Lec. | 2 |
|        | Economics I | 15.101 | Lec. | 2 |
|        | Business Statistics | 15.401 | Lec. | 2 |
|        | Total | | | 9 |

<table>
<thead>
<tr>
<th>Hours per week for 3 terms</th>
<th>Lec.</th>
<th>Tut.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>1</td>
</tr>
</tbody>
</table>

| Year II | Accounting II or III | 14.112 | Lec. | 3 |
|         | Accounting III | 14.113 | Lec. | 2 |
|         | Economics II | 15.102 | Lec. | 2 |
|         | Accounting Option I | | | 2 |
|         | Accounting Option II | | | 2 |
|         | Humanities I | | | 1 |
|         | Total | | | 10 |

<table>
<thead>
<tr>
<th>Hours per week for 3 terms</th>
<th>Lec.</th>
<th>Tut.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>1</td>
</tr>
</tbody>
</table>

22
BACHELOR OF COMMERCE (B.COM.) — PASS DEGREE
ECONOMICS — FULL-TIME COURSE

<table>
<thead>
<tr>
<th>Year I</th>
<th>Hours per week for 3 terms</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Lec.</td>
</tr>
<tr>
<td>14.111</td>
<td>3</td>
</tr>
<tr>
<td>15.101</td>
<td>2</td>
</tr>
<tr>
<td>10.001</td>
<td>4</td>
</tr>
<tr>
<td>15.401</td>
<td>2</td>
</tr>
<tr>
<td>12.001</td>
<td>3</td>
</tr>
<tr>
<td>14.211</td>
<td>2</td>
</tr>
<tr>
<td>15.102</td>
<td>2</td>
</tr>
<tr>
<td>15.103</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>2</td>
</tr>
</tbody>
</table>

The general option requirements may be satisfied by enrolment in any subject available at Wollongong other than those offered by the Schools of Accountancy and Economics as electives, and provided that both Economic History I and History II (Honours) are not taken. This provision is, of course, subject to the meeting of pre-requisites (for example, English I is a pre-requisite for English II) and to the approval of the Head of the School concerned.

Full-time students take the full year’s programme as listed above, while part-time students select a programme which permits the completion of the year in two stages spread over two years.

The minimum time for completion of the degree by full-time study is three years, while part-time students may qualify for the degree in six years.

For details of the Humanities requirements, consult the end of this section.
BACHELOR OF SCIENCE (B.Sc.)
Science Subjects

<table>
<thead>
<tr>
<th>Group I</th>
<th>Term I Lec. Lab./Tut.</th>
<th>Term II Lec. Lab./Tut.</th>
<th>Term III Lec. Lab./Tut.</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.001 Chemistry I</td>
<td>2—4</td>
<td>2—4</td>
<td>2—4</td>
</tr>
<tr>
<td>2.011 Higher Chemistry I</td>
<td>2—4</td>
<td>2—4</td>
<td>2—4</td>
</tr>
<tr>
<td>10.001 Mathematics I</td>
<td>4—2</td>
<td>4—2</td>
<td>4—2</td>
</tr>
<tr>
<td>10.011W Higher Mathematics I</td>
<td>4—2</td>
<td>4—2</td>
<td>4—2</td>
</tr>
<tr>
<td>1.001 Physics I</td>
<td>3—3</td>
<td>3—3</td>
<td>3—3</td>
</tr>
<tr>
<td>1.011 Higher Physics I</td>
<td>3—3</td>
<td>3—3</td>
<td>3—3</td>
</tr>
<tr>
<td>25.001 Geology I</td>
<td>2—4</td>
<td>2—4</td>
<td>2—4</td>
</tr>
<tr>
<td>12.001 Psychology I</td>
<td>3—2</td>
<td>3—2</td>
<td>3—2</td>
</tr>
<tr>
<td>17.001 General and Human Biology</td>
<td>2—4</td>
<td>2—4</td>
<td>2—4</td>
</tr>
<tr>
<td>5.001W Engineering I</td>
<td>4—3</td>
<td>4—3</td>
<td>4—0</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Group II</th>
<th>Term I Lec. Lab./Tut.</th>
<th>Term II Lec. Lab./Tut.</th>
<th>Term III Lec. Lab./Tut.</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.002W Chemistry IIW</td>
<td>4—5</td>
<td>4—5</td>
<td>4—5</td>
</tr>
<tr>
<td>10.111W Pure Mathematics IIW</td>
<td>5</td>
<td>5</td>
<td>5</td>
</tr>
<tr>
<td>10.211W Applied Mathematics IIW</td>
<td>7</td>
<td>7</td>
<td>7</td>
</tr>
<tr>
<td>10.121W Pure Mathematics IIW (Higher)</td>
<td>6</td>
<td>6</td>
<td>6</td>
</tr>
<tr>
<td>10.221W Applied Mathematics IIW (Higher)</td>
<td>7</td>
<td>7</td>
<td>7</td>
</tr>
<tr>
<td>10.411W Mathematics IIW</td>
<td>7</td>
<td>7</td>
<td>7</td>
</tr>
<tr>
<td>1.112 Physics II</td>
<td>4—4</td>
<td>4—4</td>
<td>4—4</td>
</tr>
<tr>
<td>25.002 Geology II</td>
<td>4—5</td>
<td>4—5</td>
<td>4—5</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Group III</th>
<th>Term I Lec. Lab./Tut.</th>
<th>Term II Lec. Lab./Tut.</th>
<th>Term III Lec. Lab./Tut.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Part (a)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2.003W Chemistry IIW</td>
<td>4½—7½</td>
<td>4½—7½</td>
<td>4½—7½</td>
</tr>
<tr>
<td>10.112W Pure Mathematics IIW</td>
<td>5</td>
<td>5</td>
<td>5</td>
</tr>
<tr>
<td>10.122W Pure Mathematics IIW (Higher)</td>
<td>7</td>
<td>7</td>
<td>7</td>
</tr>
<tr>
<td>10.212W Applied Mathematics IIW</td>
<td>7</td>
<td>7</td>
<td>7</td>
</tr>
<tr>
<td>10.222W Applied Mathematics IIW (Higher)</td>
<td>8</td>
<td>8</td>
<td>8</td>
</tr>
<tr>
<td>10.412W Mathematics IIW</td>
<td>7</td>
<td>7</td>
<td>7</td>
</tr>
<tr>
<td>1.113 Physics III</td>
<td>4—8</td>
<td>4—8</td>
<td>4—8</td>
</tr>
<tr>
<td>25.003 Geology III</td>
<td>7—6</td>
<td>7—7</td>
<td>6—6</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Part (b)</th>
<th>Term I Lec. Lab./Tut.</th>
<th>Term II Lec. Lab./Tut.</th>
<th>Term III Lec. Lab./Tut.</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.053W Chemistry IIW (Supplementary)</td>
<td>4½—7½</td>
<td>4½—7½</td>
<td>4½—7½</td>
</tr>
<tr>
<td>1.133 Mathematical Physics</td>
<td>5—1</td>
<td>5—1</td>
<td>5—1</td>
</tr>
</tbody>
</table>

A selection of subjects qualifying for the degree of Bachelor of Science by way of the Science Course (as distinct from the specific courses such as, for example, those in Applied Chemistry, Metallurgy, etc., which also lead to this degree) have been available at Wollongong for some time. Currently, however, the full requirements of the Science Course may be taken at Wollongong if the student elects to major in Chemistry and Physics (Pass or Honours), or Mathematics.
A programme of studies, consistent with the rules set out in the Calendar may be chosen in 1968 from the above-listed subjects, and may be taken on a full or part-time basis subject to the class timetables. Details of time-tables may be obtained from the Senior Administrative Officer at the College. Full-time students take the four subjects in their first year, while part-time students normally take two subjects.

BACHELOR OF SCIENCE (TECHNOLOGY) (B.Sc. (Tech.))

The degree of Bachelor of Science (Technology) is the degree awarded on completion of the part-time courses in the Faculties of Applied Science and Engineering. All the courses leading to this degree are offered to at least the level of first year, and, in addition, the full range of subjects in Mechanical Engineering, Electrical Engineering, Metallurgy and Mining Engineering are available at Wollongong so that these courses may be completed entirely at this centre.

While the normal method of completing these courses is through part-time study over a period of six years, it is possible for an accelerated programme to be arranged provided the circumstances of the student's employment require it, and the proposed time-table arrangements permit it.

FIRST YEAR ENGINEERING

Engineering students at Wollongong will take 1.001W Physics I, 5.001W Engineering I, 10.001 Mathematics I and either 2.001 Chemistry I (compulsory for full-time students) or 69.001W Materials (compulsory for those part-time students who do not take 2.001) as satisfying the requirements of the First Year (or the first two stages) of the Civil, Electrical and Mechanical courses.

GENERAL STUDIES

It is a requirement of all undergraduate courses, except those for the Bachelor of Arts degree, that the programme of study includes subjects of a general nature as well as those in which a student proposes to specialise. The particular requirements vary from course to course, and the year in which this element of the course is taken. This information may be found in the Calendar.
The normal general studies component in a full-time course of four years' duration is 180 hours, made up of four courses of forty-five hours each. For part-time courses (this also applies to full-time courses of three years' duration) the component is 135 hours (fifteen hours more than in 1967), made up of three courses of forty-five hours each, except that in the Faculty of Commerce the normal general studies component for the B.Com. courses is ninety hours, made up of two courses of forty-five hours each.

In addition to the initial forty-five hour course, 26.501 English, students will choose two electives, and where applicable, an advanced elective from the following lists:

(a) Electives (45 hours)
- 11.011H History of Fine Arts
- 11.021H History of Architecture
- 26.151 Economics
- 26.121 Psychology
- 26.301 Music
- 26.511 History
- 69.031W Social Geography

(b) Advanced Electives (60 hours in 1968)
- 11.031H History of Fine Arts and Architecture* (90 hours)
- 69.032W Economic Geography
  (pre-requisite Social Geography)

**NOTE:** The courses listed above will be offered subject to staff and facilities being available. In addition, a ninety-hour course in French and/or Russian may also be offered in 1968. Such a ninety-hour course may be used as an equivalent to a forty-five hour elective and a forty-five hour advanced elective. Students who are not required to take an advanced elective will not enrol in the language courses. Enrolment in the language courses will be on a selective basis.

* This advanced elective may be taken only if neither of the courses 11.011H History of Fine Arts nor 11.021H History of Architecture has been taken previously.
Descriptions of Subjects

Most courses taught at Wollongong follow the syllabus of the University of New South Wales at Kensington, details of which will be found in the University Calendar.

The following are particulars of courses offered only at Wollongong:

**CHEMISTRY**

**2.003W Chemistry IIIW**

**2.053W Chemistry IIIW (Supplementary)**
Physical Chemistry B, Organic Chemistry B, Techniques in Chemistry, Physical Chemistry C.

**MATHEMATICS**

**10.111W Pure Maths II (Wollongong)**
Calculus, differential equations, algebra, geometry, theory of functions of a real variable.

**TEXTBOOKS**
Davis, H. F. *Vector Analysis*. Allyn and Bacon.

**REFERENCE BOOKS**
Ayres, F. *Matrices*. Schaum.

**10.112W Pure Maths III (Wollongong)**
Integral transforms, special functions, algebra, geometry, theory of functions.

**TEXTBOOKS**
Birkhoff, C. and MacLane, S. *A Survey of Modern Algebra*. Macmillan.
Willmore, T. J. *An Introduction to Differential Geometry*. Oxford University Press.

**REFERENCE BOOKS**
Rainville, E. D. *Special Functions*. Macmillan.

**10.121W Pure Maths II (Wollongong) (Higher)**
Calculus, differential equations, algebra, geometry, theory of functions for real variable, topology.

**TEXTBOOKS**
As for 10.111W and

**10.112W Pure Maths III (Wollongong)**
Integral transforms, special functions, algebra, geometry, theory of functions.

**TEXTBOOKS**
Birkhoff, C. and MacLane, S. *A Survey of Modern Algebra*. Macmillan.
Willmore, T. J. *An Introduction to Differential Geometry*. Oxford University Press.

**REFERENCE BOOKS**
Rainville, E. D. *Special Functions*. Macmillan.
TEXTBOOKS
As for 10.112W

10.211W Applied Maths II (Wollongong)
Dynamics, theory of vibrations, probability and statistics, numerical analysis, computing.

TEXTBOOKS
Freund, J. E. Mathematical Statistics. Prentice-Hall.

REFERENCE BOOKS
Froberg, C. E. Introduction to Numerical Analysis. Addison-Wesley.

10.221W Applied Maths II (Wollongong) (Higher)
Dynamics, theory of vibrations, probability and statistics, numerical analysis, computing, nuclear reactor theory.

TEXTBOOKS
As for 10.211W

10.212W Applied Maths III (Wollongong)
Dynamics of continuous media, potential theory, stochastic processes, operations research, computing.

TEXTBOOKS

REFERENCE BOOKS
Hildebrand, F. B. Methods of Applied Mathematics. Prentice-Hall.

10.222W Applied Maths III (Wollongong) (Higher)
Dynamics of continuous media, potential theory, stochastic processes, operations research, computing, nuclear reactor theory, meteorology, numerical analysis.

TEXTBOOKS
As for 10.212W

10.411 Mathematics II (Wollongong)
Calculus, differential equations, algebra, probability and statistics, numerical analysis, computing.

10.412W Mathematics III (Wollongong)
Integral transforms, special functions, stochastic processes, operations research, computing, and an elective.

TEXTBOOKS
10.411 and 10.412W
Students will require a selection of the second and third years' books listed above, and should consult their lecturers before purchasing their textbooks.

HISTORY

51.111W HISTORY I — European History, 1700-1950
The chief events in European history from the age of Louis XIV to present times, with emphasis on the growth of nationalism, liberalism and imperialism as forces shaping the modern world.
Term I: 1700-1815 (a) The age of Louis XIV; (b) Origins of Prussia and Russia; (c) The Enlightenment and French Revolution; (d) Napoleon.
Term II: 1815-1870 (a) European nationalism and liberalism; (b) Revolutions of 1848; (c) Unification of Italy; (d) Unification of Germany.
Term III: 1870-1950 (a) Imperialism, European and British; (b) Two world wars; (c) Leaders—Hindenberg, Lenin, Stalin, Hitler, Mussolini, Churchill.
TEXTBOOKS

REFERENCE BOOKS

51.112W HISTORY II — English Social History, 1750-1950
The structure of English society circa 1800, with particular reference to the class distribution of the population, and the ideology and institutions of the landed class. Standards of living, poor relief, the state of elementary education and the sanitary condition of the country during the early years of the nineteenth century. The influences working to produce changes in this general situation during the first half of the century—industrial and agricultural development, population growth and concentration, the emergence of class ideologies in the middle and working classes, and the activities of the various churches. These questions are considered through to circa 1950, again noting and seeking to explain social changes. English society in the early 1950's.

TEXTBOOKS

REFERENCE BOOKS

51.112W HISTORY III — Australia and her Near Neighbours

This course presents two separate but related historical strands. (1) The principal changes in the structure of Australian society from about 1850 until the present: policies affecting migration, education, industrial relations, and the distribution of wealth; attitudes of the Australian people towards their religions, and the people of other nations; the evolution of Australian class structure, and the development of Australian nationalism. (2) The East Indies, Malaya, and Indo China as examples of modern Dutch, British and French Colonial administration. An examination of indigenous reaction.

TEXTBOOKS (AUSTRALIA)

TEXTBOOKS (SOUTH EAST ASIA)

REFERENCE BOOKS (AUSTRALIA)


**REFERENCE BOOKS (SOUTH EAST ASIA)**


Legge, J. D. *Australian Colonial Policy*. Angus and Robertson, Sydney, 1956.


**GEOGRAPHY**

**69.031 SOCIAL GEOGRAPHY**

The geographic bases of social and political conditions in selected world regions (African and Asian realms will receive detailed study).

**TEXTBOOKS**


James, P. E. *One World Perspective*, 1965.


**69.032 ECONOMIC GEOGRAPHY**

The nature and problems of regional economic development and the process of economic growth in different geographic environments.

**TEXTBOOKS**


Rostow, W. W. *Stages of Economic Growth*.

## FULL-TIME COURSES

<table>
<thead>
<tr>
<th>Faculty</th>
<th>Course</th>
<th>Award</th>
<th>Duration —Years</th>
<th>Years offered in W'gong in 1968</th>
</tr>
</thead>
<tbody>
<tr>
<td>Applied Science</td>
<td>Applied Geography</td>
<td>B.Sc.</td>
<td>4</td>
<td>NIL</td>
</tr>
<tr>
<td></td>
<td>Applied Geology</td>
<td>B.Sc.</td>
<td>4</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>Ceramic Engineering</td>
<td>B.Sc.</td>
<td>4</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>Chemical Engineering</td>
<td>B.E.</td>
<td>4</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>Food Technology</td>
<td>B.Sc.</td>
<td>4</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>Fuel Engineering</td>
<td>B.E.</td>
<td>4</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>Industrial Chemistry</td>
<td>B.Sc.</td>
<td>4</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>Metallurgy</td>
<td>B.Sc.</td>
<td>4</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>Mining Engineering</td>
<td>B.E.</td>
<td>4</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>Polymer Science</td>
<td>B.Sc.</td>
<td>4</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>Textile Technology</td>
<td>B.Sc.</td>
<td>4</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>Wool Technology</td>
<td>B.Sc.</td>
<td>4</td>
<td>1</td>
</tr>
<tr>
<td>Architecture</td>
<td>Architecture</td>
<td>B.Sc.</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Architectural Engineering</td>
<td>B.Arch.</td>
<td>6</td>
<td>N I L</td>
</tr>
<tr>
<td></td>
<td>Building</td>
<td>B.Build.</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Town Planning</td>
<td>B.T.P.</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>Arts</td>
<td>Arts</td>
<td>B.A.</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Commerce</td>
<td>Accountancy</td>
<td>B.Com.</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Applied Psychology</td>
<td>B.Com.</td>
<td>3</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>Economics</td>
<td>B.Com.</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Economic History</td>
<td>B.Com.</td>
<td>3</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>Industrial Relations</td>
<td>B.Com.</td>
<td>3</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>Marketing</td>
<td>B.Com.</td>
<td>3</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>Statistics</td>
<td>B.Com.</td>
<td>3</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>Wool Commerce</td>
<td>B.Com.</td>
<td>3</td>
<td>1</td>
</tr>
<tr>
<td>Engineering</td>
<td>Aeronautical Engineering</td>
<td>B.E.</td>
<td>4</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>Civil Engineering</td>
<td>B.E.</td>
<td>4</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>Electrical Engineering</td>
<td>B.E.</td>
<td>4</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>Industrial Engineering</td>
<td>B.E.</td>
<td>4</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>Mechanical Engineering</td>
<td>B.E.</td>
<td>4</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>Naval Architecture</td>
<td>B.E.</td>
<td>4</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>Surveying</td>
<td>B.Surv.</td>
<td>4</td>
<td>N I L</td>
</tr>
<tr>
<td>Medicine</td>
<td>Medicine*</td>
<td>M.B.</td>
<td>6</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td></td>
<td>B.S.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Science</td>
<td>Applied Chemistry</td>
<td>B.Sc.</td>
<td>3</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>Applied Psychology</td>
<td>B.Sc.</td>
<td>4</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>Optometry</td>
<td>B.Optom.</td>
<td>4</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>Science</td>
<td>B.Sc.</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Board of Vocational Studies</td>
<td>Industrial Arts</td>
<td>B.Sc.</td>
<td>4</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>Sheep and Wool Technology</td>
<td>B.Sc.</td>
<td>4</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>(Education Option)</td>
<td>B.Soc.Wk.</td>
<td></td>
<td>N I L</td>
</tr>
<tr>
<td></td>
<td>Social Work</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

* Medical students may qualify for the degree of Bachelor of Science (Medicine) —B.Sc.(Med.)—by taking an additional year of special studies during their course.
<table>
<thead>
<tr>
<th>Faculty</th>
<th>Course</th>
<th>Award</th>
<th>Duration —Years</th>
<th>Stages (years) available at W'gong in 1968</th>
</tr>
</thead>
<tbody>
<tr>
<td>Applied Science</td>
<td>Ceramics</td>
<td>B.Sc. (Tech)</td>
<td>6</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>Chemical Engineering</td>
<td>B.Sc. (Tech)</td>
<td>6</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Food Technology</td>
<td>B.Sc. (Tech)</td>
<td>6</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>Fuel Engineering</td>
<td>B.Sc. (Tech)</td>
<td>6</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Industrial Chemistry</td>
<td>B.Sc. (Tech)</td>
<td>6</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>Metallurgy</td>
<td>B.Sc. (Tech)</td>
<td>6</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>Mining Engineering</td>
<td>B.Sc. (Tech.)</td>
<td>6</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>Polymer Science</td>
<td>B.Sc. (Tech)</td>
<td>6</td>
<td>2</td>
</tr>
<tr>
<td>Architecture</td>
<td>Architecture</td>
<td>B.Sc. (Arch.)</td>
<td>6</td>
<td>NIL</td>
</tr>
<tr>
<td></td>
<td>Architecture</td>
<td>B.Arch.</td>
<td>9</td>
<td>NIL</td>
</tr>
<tr>
<td></td>
<td>Building</td>
<td>B.Build.</td>
<td>5</td>
<td>NIL</td>
</tr>
<tr>
<td>Arts</td>
<td>Arts</td>
<td>B.A.</td>
<td>5</td>
<td>5</td>
</tr>
<tr>
<td>Commerce*</td>
<td>Accountancy</td>
<td>B.Com</td>
<td>6</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>Applied Psychology</td>
<td>B.Com</td>
<td>6</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Economics</td>
<td>B.Com</td>
<td>6</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>Economic History</td>
<td>B.Com.</td>
<td>6</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>Industrial Relations</td>
<td>B.Com</td>
<td>6</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>Marketing</td>
<td>B.Com.</td>
<td>6</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>Statistics</td>
<td>B.Com</td>
<td>6</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>Wool Commerce</td>
<td>B.Com</td>
<td>6</td>
<td>2</td>
</tr>
<tr>
<td>Engineering</td>
<td>Aeronautical Engineering</td>
<td>B.Sc. (Tech)</td>
<td>6</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Civil Engineering</td>
<td>B.Sc. (Tech)</td>
<td>6</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>Electrical Engineering</td>
<td>B.Sc. (Tech)</td>
<td>6</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>Industrial Engineering</td>
<td>B.Sc. (Tech)</td>
<td>6</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>Mechanical Engineering</td>
<td>B.Sc. (Tech)</td>
<td>6</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>Naval Architecture</td>
<td>B.Sc. (Tech)</td>
<td>6</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>Surveying</td>
<td>B.Surv.</td>
<td>7</td>
<td>NIL</td>
</tr>
<tr>
<td>Science</td>
<td>Applied Chemistry</td>
<td>B.Sc.</td>
<td>6</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>Applied Psychology</td>
<td>B.Sc.</td>
<td>6</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>Science</td>
<td>B.Sc.</td>
<td>7</td>
<td>7</td>
</tr>
<tr>
<td>Board of Vocational Studies</td>
<td>Hospital Administration†</td>
<td>Dip. Hosp. Admin.</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>Industrial Arts</td>
<td>B.Sc. (Tech)</td>
<td>6</td>
<td>2</td>
</tr>
</tbody>
</table>

* With the approval of the Head of School concerned, each of the part-time Commerce courses may be completed in five years.

† For external students. The length of the course can be decreased by one year if the second part is taken on a full-time internal student basis at Kensington.
GRADUATE STUDIES

Facilities are available for post-graduate studies at the College leading to the several degrees of M.A., M.Com., M.E., M.Sc., M.Eng.Sc., and Ph.D. In addition, a postgraduate course in education will be offered for the first time in 1968. The research interests of the staff cover a wide range of topics and persons interested in pursuing post-graduate studies should contact the appropriate Head of the Department.

Some current fields of interest are:

CHEMISTRY
Chemistry of natural products—alkaloids and hallucinogenic fungi.
Correlation of chemical structure with physiological activity.
Synthetic organic chemistry.
Physical-organic chemistry—kinetic studies of hydrolysis and measurement of thermodynamic acidity constants.
Chemical spectroscopy.
Vanadium and tin complexes.
Magnetochemistry of copper II complexes.
Catalytic deuterium exchange reactions.

GEOLOGY
The geology of the regional coal measures.

MATHEMATICS
Nuclear reactor theory and related stochastic processes.
Oceanography.
Urban population distributions.

PHYSICS
Astronomy—photoelectric observations in the infra-red.
High current electron beams.
Mössbauer studies of alloys.

CIVIL AND MECHANICAL ENGINEERING
Propagations of waves in air in small bore tubes.
Losses across valves of reciprocating air compressors.
Flow of granular materials.
Theoretical analysis of engine cycles.
Applied mechanics and photo elasticity.
ELECTRICAL ENGINEERING
Automatic control.
Plant identification.
Electrostatic precipitation.

METALLURGY
Relationship between structure and properties, particularly creep in metals.
Phase transformation including studies of the solidification process.

ACCOUNTANCY
Cost classification for decision making and cost control.

HISTORY
European history during the period 1660-1800.
Nineteenth and twentieth century British history.
Any area of Australian history.
Any aspect of modern colonial history, especially the history of Africa, the Pacific and South East Asia.

ECONOMICS
Regional studies.
Co-operatives.
Decentralization.

PSYCHOLOGY
Sensory deprivation.
Factors affecting academic achievement of senior school pupils.
Vocational and personnel selection.
Factors related to the perceptual influences of sensory deprivation.

GEOGRAPHY
Selected fields in social and economic geography—in particular, population and settlement studies, agricultural and industrial geography, development studies, water resources.

DIPLOMA IN EDUCATION
In 1968 the College will offer courses leading to the Diploma in Education, which is designed to give professional training in education to postgraduate students. The course is directed, but not exclusively, towards the preparation of teachers for secondary schools. It includes
lectures, seminars, tutorials, individual assignments and group exercises, visits, demonstrations of teaching methods and practice teaching.

OUTLINE OF COURSE

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours per term for 3 terms</th>
</tr>
</thead>
<tbody>
<tr>
<td>58.001</td>
<td>Principles of Education</td>
<td>3</td>
</tr>
<tr>
<td>58.002</td>
<td>Educational Practice</td>
<td>1</td>
</tr>
<tr>
<td>58.003</td>
<td>Australian Education Seminars</td>
<td>2</td>
</tr>
<tr>
<td>58.004</td>
<td>Methods of Teaching (including Demonstration Lessons)</td>
<td>8</td>
</tr>
<tr>
<td>58.005</td>
<td>Selected Topics</td>
<td>5</td>
</tr>
<tr>
<td>58.006</td>
<td>Supervised Teaching Practice</td>
<td>0</td>
</tr>
</tbody>
</table>

* Eight weeks' full-time teaching practice in term time. Two weeks' experience in classroom practice will also be arranged before the beginning of the academic year.

RADIO COURSES

The University's radio station, VL2UV, which broadcasts on a frequency of 1750 kHz, began operating in May, 1961, and now offers programmes five nights a week. Students enrolling in radio courses receive printed notes which are essential for an understanding of the lectures. Seminars conducted in conjunction with the radio courses give students an opportunity to discuss with the lecturers any difficulties they may have had with the material.

Students in Wollongong may take advantage of this service by means of tape-recorded correspondence courses, which are offered to country students at extension centres or wherever a group of students exists. The programmes are recorded on twin track 5" reels of standard magnetic tape, and can be played on most tape recorders. Over forty courses are available, and in country areas groups of as few as three students may participate at fees comparable to those paid by students in metropolitan areas. Many enrolments have been accepted from students in other States and overseas.

The emphasis of radio courses is on postgraduate and refresher courses for professional people, and subjects covered range from specialities in Medicine and Dentistry to Operations Research and Computer Programming. School-University bridging courses, another service of Radio University, are meeting a pressing need. These courses are designed to assist students who are proceeding from secondary school to first year university studies, but they are also helpful to students taking the Higher School Certificate.

Further information on Radio University programmes may be obtained from the Division of Postgraduate Extension Studies, University of New South Wales, P.O. Box 1, Kensington, N.S.W., 2033.
IDENTIFICATION OF SUBJECTS BY NUMBERS

Each subject provided by a School has an identifying number. The integer is the identifying number of the School and the numbers after the decimal point distinguish the subject from others conducted by that School, some of which may have the same name. For example, the subject number for Psychology in the first year Arts Course is 12.001 whereas the Psychology course taught as a General Studies elective has the number 26.121.

Another example is 5.301S Engineering Mechanics where the “S” indicates that the subject is taught over twenty-four weeks with a final examination held in the September period. The same subject is also taught over thirty weeks with the examination in November, and in this case has the number 5.301.

As well as providing an unambiguous means of identifying subjects with the same or similar names, the subject number is also used in the recording of enrolment and examination information on machine data processing equipment. It is therefore essential that students should cite both the correct subject name and the correct subject number in all correspondence or on forms dealing with subjects.

You should become familiar with the identifying numbers of the Schools in which you will be studying, according to the following list:

<table>
<thead>
<tr>
<th>Identifying Number</th>
<th>School or Department</th>
<th>Identifying Number</th>
<th>School or Department</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>School of Physics</td>
<td>27</td>
<td>School of Geography</td>
</tr>
<tr>
<td>2</td>
<td>School of Chemistry</td>
<td>28</td>
<td>Department of Marketing</td>
</tr>
<tr>
<td>3</td>
<td>School of Chemical Engineering</td>
<td>29</td>
<td>School of English</td>
</tr>
<tr>
<td>4</td>
<td>School of Metallurgy</td>
<td>31</td>
<td>School of History</td>
</tr>
<tr>
<td>5</td>
<td>School of Mechanical and Industrial Engineering</td>
<td>52</td>
<td>School of Philosophy</td>
</tr>
<tr>
<td>6</td>
<td>School of Electrical Engineering</td>
<td>53</td>
<td>School of Sociology</td>
</tr>
<tr>
<td>7</td>
<td>School of Mining Engineering</td>
<td>54</td>
<td>School of Political Science</td>
</tr>
<tr>
<td>8</td>
<td>School of Civil Engineering</td>
<td>55</td>
<td>School of Librarianship</td>
</tr>
<tr>
<td>9</td>
<td>School of Wool and Pastoral Sciences</td>
<td>56</td>
<td>School of Western European Languages</td>
</tr>
<tr>
<td>10</td>
<td>School of Mathematics</td>
<td>57</td>
<td>School of Drama</td>
</tr>
<tr>
<td>11</td>
<td>School of Architecture and Building</td>
<td>58</td>
<td>School of Education</td>
</tr>
<tr>
<td>12</td>
<td>School of Applied Psychology</td>
<td>59</td>
<td>School of Russian</td>
</tr>
<tr>
<td>13</td>
<td>School of Textile Technology</td>
<td>60</td>
<td>Special Wollongong Subjects</td>
</tr>
<tr>
<td>14</td>
<td>School of Accountancy</td>
<td>62</td>
<td>School of History and Philosophy of Science</td>
</tr>
<tr>
<td>15</td>
<td>School of Economics</td>
<td>63</td>
<td>Department of Social Work</td>
</tr>
<tr>
<td>16</td>
<td>School of Hospital Administration</td>
<td>64</td>
<td>Wollongong General Studies Subjects</td>
</tr>
<tr>
<td>17</td>
<td>School of Biological Sciences</td>
<td>65</td>
<td>School of Anatomy</td>
</tr>
<tr>
<td>18</td>
<td>Department of Industrial Engineering</td>
<td>66</td>
<td>School of Medicine</td>
</tr>
<tr>
<td>19</td>
<td>School of Traffic Engineering</td>
<td>67</td>
<td>School of Pathology</td>
</tr>
<tr>
<td>20</td>
<td>School of Highway Engineering</td>
<td>68</td>
<td>School of Physiology</td>
</tr>
<tr>
<td>21</td>
<td>Department of Industrial Arts</td>
<td>69</td>
<td>School of Surgery</td>
</tr>
<tr>
<td>22</td>
<td>School of Chemical Technology</td>
<td>70</td>
<td>School of Obstetrics and Gynaecology</td>
</tr>
<tr>
<td>23</td>
<td>School of Nuclear Engineering</td>
<td>71</td>
<td>School of Paediatrics</td>
</tr>
<tr>
<td>24</td>
<td>School of Business Administration</td>
<td>72</td>
<td>School of Psychiatry</td>
</tr>
<tr>
<td>25</td>
<td>School of Applied Geology</td>
<td>73</td>
<td>School of Human Genetics</td>
</tr>
<tr>
<td>26</td>
<td>Department of General Studies</td>
<td>74</td>
<td>Public Health and Social Medicine</td>
</tr>
<tr>
<td></td>
<td></td>
<td>75</td>
<td>Division of Postgraduate Extension Studies</td>
</tr>
</tbody>
</table>

In Section D of the Calendar a short syllabus is given for each subject. The subjects are grouped under the name of the School providing them and the Schools are listed in their numerical order.
UNDERGRADUATE SCHOLARSHIPS
AVAILABLE AT THE COLLEGE

Various scholarships, bursaries and cadetships are tenable at The University of New South Wales and Wollongong University College.

Except where otherwise specified, applications on the forms obtainable from the Senior Administrative Officer must be lodged with him within seven days of the publication of the results of the Higher School Certificate Examination.

A separate application must be lodged for each category of scholarship listed below except that applicants for scholarships in Textile Technology and Wool Technology will automatically be considered for the scholarships which are offered in the same field by the Wool Research Trust Fund.

In addition to those scholarships made available by the University and other bodies as set out below, a number of industrial organizations and Government Departments sponsor students at the University. These students generally have their University fees paid by the employer and are employed at cadet rates of pay during their course.

Certain scholarships are tenable only at this College. In this category the Australian Iron and Steel Pty. Ltd. provides a number of scholarships.

Further particulars about these and other scholarships, cadetships and bursaries may be obtained from the Senior Administrative Officer, Wollongong University College, Wollongong.

Commonwealth University Scholarships
Students enrolling in first degree courses at the University are eligible. Benefits include payment of all tuition fees and other compulsory fees, and living allowances (these latter being subject to a means test). The closing date for applications is 30th September in the year immediately preceding that for which the scholarship is desired. Full particulars and application forms may be obtained from the Officer-in-Charge, New South Wales Branch Office, Department of Education and Science, La Salle Building, 70 Castlereagh Street, Sydney, 2000 (Telephone 27-5475).

University Scholarships
The University annually awards up to fifteen scholarships tenable in degree courses to students who have matriculated at the Higher School Certificate Examination; ten scholarships to students who have completed
Certificate Courses (Department of Technical Education); ten scholarships to students who have completed Trade Courses (Department of Technical Education); and ten scholarships to part-time students who have taken the Diploma Entrance course of the Department of Technical Education. The scholarships are tenable in any faculty and exempt the holder from payment of course fees during the currency of the scholarship. Scholarships will be awarded in order of merit on Higher School Certificate Examination results. They may be held only by persons who do not hold another award. Applications must be lodged after publication of Higher School Examination results and after the announcement of the award of Commonwealth University Scholarships, but not later than 31st January each year.

**Food Technology Scholarships**

A number of scholarships are usually made available by firms in the food processing industries. These scholarships have a value of $800 per annum, payable as a living allowance to students enrolled full-time in the Food Technology degree course. These scholarships may be held concurrently with a Commonwealth University Scholarship.

**Mining Scholarships**

The Joint Coal Board and the Australian Coal Industry Research Laboratories Limited offer scholarships in full-time courses in Mining Engineering, Mechanical Engineering, Electrical Engineering, Fuel Engineering, Chemical Engineering, or Applied Geology. The value of these scholarships ranges from $700 to $1200 per annum (including allowance for books and instruments). These scholarships will be awarded on the understanding that applicants will normally hold a Commonwealth University Scholarship which covers the cost of University fees. However, applicants without Commonwealth University Scholarships may be given consideration. While scholarship holders are not under bond it is expected that they will obtain employment in Coal Mining or a related industry on graduation. Applications on forms obtainable from headmasters or from the Secretary, Joint Coal Board, Box 3842, G.P.O., Sydney, must be lodged with the Board’s secretary not later than seven days after the publication of Higher School Certificate results.

**Textile Technology Scholarships**

The textile industry provides a number of scholarships for students wishing to enrol in courses leading to the degree of Bachelor of Science (Pass and Honours) in Textile Technology. Each scholarship has a
value of $1000 per annum and may be held concurrently with a Commonwealth University Scholarship. An applicant for this scholarship will also receive consideration for the Wool Research Trust Fund Scholarships in Textile Technology.

**Wool Technology Scholarships**
Several firms and banks associated with the wool industry endow scholarships in courses leading to the Bachelor of Science degree in Wool Technology. Valued from $600 to $1000 per annum, these scholarships are normally tenable for four years, and may be held concurrently with a Commonwealth University Scholarship. An applicant for these scholarships will also receive consideration for the Wool Research Trust Fund Scholarships in Wool Technology.

**Wool Research Trust Fund Scholarships in Wool Technology and Textile Technology**
Several scholarships for courses in Wool Technology and Textile Technology have been made available by the Wool Research Trust Fund (Commonwealth Government). The scholarships provide an allowance of $800 per annum for living expenses for four years, and successful applicants may hold a Commonwealth University Scholarship concurrently.

**Scholarship in Wool Commerce**
One scholarship will be available in 1968 for students proceeding to the degree of Bachelor of Commerce in Wool Commerce. It is being provided by Felt and Textiles of Australia Ltd., and is tenable for four years at a value of $200 per annum. It may be held concurrently with a Commonwealth University Scholarship.

**C.S.R. Scholarship in Commerce**
The Colonial Sugar Refining Co. Ltd., offers one scholarship each year to students enrolling in courses leading to the degree of Bachelor of Commerce specialising in Economics, Accountancy, Statistics, Applied Psychology or Industrial Relations. The scholarship holder will study full-time at the University during the first and fourth years of tenure; during the second and third years the scholar will be employed by the Company and enrol as a part-time student, being allowed some time off from work to attend day classes. The value of the scholarship is $1200 per annum when studying full-time, and during the years of part-time employment with the Company the holder will be paid according to the Company's basic salary scale. This award may be held concurrently with a Commonwealth University Scholarship.
Manufacturers' Mutual Insurance Company Scholarship in Commerce

The Manufacturers' Mutual Insurance Company offer a scholarship each year to the value of $200 per annum. The scholarship is available to students who desire to enter or are enrolled in one of the full-time courses in the Faculty of Commerce leading to the Degree of Bachelor of Commerce and specialising in either Economics, Accountancy, Statistics, Applied Psychology or Industrial Relations. The scholarship will normally be tenable for three years but may be extended for a fourth year to allow the holder to proceed to a degree with honours. The scholarship may be held concurrently with another scholarship.

Public Service Association Scholarship

The Public Service Association of New South Wales is offering a scholarship to children of members of the Association who are entering the first year of any full-time course. It is valued at $200 per annum and is tenable for the normal duration of the course.

Scholarships in Industrial Arts

Two scholarships, valued at $100 per annum, are offered each year by the Institute of Industrial Engineers to students entering the full-time course in Industrial Arts leading to the B.Sc. degree. The scholarships are tenable for four years, and may not be held concurrently with any award except one providing solely for the payment of compulsory University fees.

Scholarships in Electrical Engineering

The Tyree Electrical Company Pty. Ltd. provides two scholarships for students enrolling in the full-time courses in Electrical Engineering. The scholarships have a value ranging from $500 to $1,500 p.a. depending on the circumstances and progress of the successful applicants. They are normally tenable for four years but may be extended to a fifth year when the holder intends to qualify for the two degrees, Bachelor of Science and Bachelor of Engineering. It may be held concurrently with any other scholarship.

Ceramic Engineering Scholarships

The Brick Manufacturers' Association of New South Wales and the State Brickworks of the New South Wales Department of Public Works each offer one undergraduate scholarship in ceramic engineering. Students who have completed the first year of the course may also apply. The value of the scholarship is $900 per annum, and applicants
are expected to apply for a Commonwealth University Scholarship to cover course and other fees.

The Clement Blazey Memorial Scholarships—Metallurgy

Metal Manufactures Ltd. of Port Kembla, provide the Clement Blazey Memorial Scholarships for students enrolling in the full-time course in Metallurgy leading to the Degree of Bachelor of Science. Each scholarship has a value of between $200 to $800 per annum payable to students as a living allowance. The scholarships will normally be tenable for four years and may be held concurrently with a Commonwealth University Scholarship.

Australian Iron and Steel Pty. Ltd. Scholarships in Metallurgy

Australian Iron and Steel Pty. Ltd. has undertaken to provide two scholarships for students wishing to enrol in the full-time course for the Bachelor of Science degree in Metallurgy. The scholarships are valued at between $360 and $700 per annum, and applicants are expected to apply for a Commonwealth University Scholarship to cover course and other fees.

C.I.G.-E.M.F. Scholarships in Metallurgy

The Commonwealth Industrial Gases Limited of Sydney has undertaken to provide scholarships for students wishing to enrol in the full-time course for the B.Sc. degree in metallurgy. Each scholarship has a value of $1,000 and may be tenable for a maximum of four years. Applicants are expected to apply for a Commonwealth University Scholarship to cover course and other University fees.

Teachers’ College Scholarships

A limited number of Teachers’ College Scholarships are available to allow students to undertake studies for a University degree, to be followed by a year devoted exclusively to training as a teacher. Benefits include the payment of University fees and a scholarship allowance.

Scholarship holders are expected to attend the University appropriate to the home address of their parents or legal guardian. The area appropriate to students for Wollongong University College is bounded by a line drawn through and including Helensburgh, Braidwood and Moruya and whose training can be adequately undertaken at Wollongong University College.
Further information, application forms and the Teachers’ College Scholarship Handbook may be obtained from the Officer in Charge, Teacher Training Division, Department of Education and Science, Blackfriars Street, Chippendale, N.S.W., 2006.

Bursaries Awarded by The Bursary Endowment Board
A number of bursaries tenable at the University are awarded to candidates of merit at the Higher School Certificate Examination whose family income falls within certain limits prescribed by the Bursary Endowment Board.

Application should be made to the Secretary, Bursary Endowment Board, c/o Department of Education, Bridge Street, Sydney.

PRIZES
A number of prize awards, made possible by the generosity of sponsors, are available for competition by students at the College.

The Austin Keane Prize
Awarded to the student who most excels in the subject Applied Mathematics III.
1965 R. Perry
1966 B. W. Horton

The S. A. Senior Prize
Awarded to the student who most excels in the subject Pure Mathematics III.
1965 R. Perry
1966 K. N. Hodson

The Australian Institute of Metals (Port Kembla Branch) Metallurgy Prize
Awarded each year to the graduate who has shown the best general proficiency throughout the full course.
1964 (Shared) W. H. Stewart and R. D. Connaughton.
1965 R. Hendley.

The Peter Beckmann Memorial Prize
Awarded to the most deserving student in Chemistry III.
1958 (Shared) Miss P. K. Barton and M. J. Booth.
1959 (Shared) Mrs. P. Gordon and K. R. Watts.
1962  K. Ison.
1963  D. R. Barker.
1964  K. Plastow.
1965  (Shared) B. Chauncy and R. A. Spence.
1966  R. E. Summons.

The Illawarra Branch of the N.S.W. Association of University Women Graduates’ Prize for Women Students

Awarded to the final year woman graduate with the best academic record.

1965  Miss J. A. Bubb
1966  No award
Student Services

THE UNIVERSITY COLLEGE UNION

Situated at the southwest end of the campus, the Union building was opened in 1965. The Union provides opportunities for the development of social and intellectual intercourse between members.

Membership is compulsory for all students, and many of the staff elect to become members. The building includes a large common room and a number of small rooms, all of which are available to members for recreational and cultural purposes. Light refreshments are provided during term time. The Union is managed by a board comprising Council, Advisory Committee, Student and Staff representatives.

THE LIBRARY

Emphasis is placed by the College on instruction to help students make the best use of the library facilities. Special courses to assist students in the preparation of laboratory reports, essays and seminars are conducted by the library staff.

The library, which contains over 20,000 books, is open on Monday to Thursday from 8.45 a.m. to 8 p.m., on Friday from 8.45 a.m. to 5 p.m., and on Saturday from 9 a.m. to 1 p.m.

For additional information on the library, consult the leaflet, "Enrolment Procedure for New Students".

CHAPLAINCY SERVICE

A Chaplaincy Service is provided within the College for the benefit of students and staff by three Christian Churches.

The Service offers fellowship, personal counselling and guidance, and leadership in biblical and doctrinal studies and in worship. The Chaplains maintain close liaison with student religious societies. They may be contacted at their private addresses.

Anglican: Rev. G. Blaxland,
St. John's Rectory,
Moore Street,
Keiraville, N.S.W., 2500. Tel.: 2-5561.

Roman Catholic: The Rev. Father S. A. Mitchell, S.M., B.A.,
St. Paul's College,
Bellambi, N.S.W., 2518. Tel.: 84-2564.
STUDENTS' TRAVELLING CONCESSION PASSES

The various transport authorities provide fare concessions for certain classes of students.

Application forms for these concessions may be obtained at the Cashier's Office, Main Building.

**Train:**
(a) Periodical tickets are available during term time to full-time students not in employment nor in receipt of any remuneration.
(b) Vacation travel concessions are available to students qualifying under (a) above.

**Aircraft:** Concession fares for travel overseas, inter-state and intra-state are available under the conditions ruling for the various operating companies.

**LOST PROPERTY**

All enquiries concerning lost property should be made to the Cashier's Office.
Procedures

PAYMENT OF FEES

Completion of Enrolment

All students are required to attend the appropriate enrolment centre during the prescribed enrolment period for authorisation of course programme. Failure to do so will incur a late fee of $6.

Fees should be paid during the prescribed enrolment period but will be accepted without incurring a late fee during the first two weeks of First Term. (For late fees see below.) No student is regarded as having completed an enrolment until fees have been paid. Fees will not be accepted (i.e., enrolment cannot be completed) from new students after the end of the second week of term (i.e., 15th March, 1968), and after 31st March from students who are re-enrolling except with the express approval of the Senior Administrative Officer, which will be given in exceptional circumstances only.

Payment of Fees by Term

Students who are unable to pay their fees by the year may pay by the term, in which case they are required to pay first term course fees and other fees for the year, within the first two weeks of First Term. Students paying under this arrangement will receive accounts from the University for Second and Third Term fees. These fees must be paid within the first two weeks of each term.

Assisted Students

Scholarship holders or Sponsored Students who have not received an enrolment voucher or appropriate letter of authority from their sponsor at the time when they are enrolling should complete their enrolment paying their own fees. A refund of fees will be made when the enrolment voucher or letter of authority is subsequently lodged with the Cashier.

Extension of Time

Any student who is unable to pay fees by the due date may apply in writing to the Senior Administrative Officer for an extension of time. Such application must give year or stage, whether full-time or part-time, and the course in which the applicant wishes to enrol, state clearly and fully the reasons why payment cannot be made and the extension sought, and must be lodged before the date on which a late fee becomes payable. Normally the maximum extension of time for the payment of
fees is until 31st March for fees due in First Term and for one month from the date on which a late fee becomes payable in Second and Third Terms.

Where an extension of time is granted to a first year student in First Term, such student is not permitted to attend classes until fees are paid, and if seeking to enrol in a restricted faculty may risk losing the place allocated.

**Failure to Pay Fees**

Any student who is indebted to the University and who fails to make a satisfactory settlement of his indebtedness upon receipt of due notice ceases to be entitled to membership and privileges of the University. Such a student is not permitted to register for a further term, to attend classes or examinations, or to be granted any official credentials.

No student is eligible to attend the annual examinations in any subject where any portion of his course fees for the year is outstanding after the end of the fourth week of Third Term (27th September, 1968).

In very special cases the Senior Administrative Officer may grant exemption from the disqualification referred to in the two preceding paragraphs upon receipt of a written statement setting out all relevant circumstances.

**UNDERGRADUATE COURSE FEES**

(Degree, Diploma and Conversion)

Where course fees are assessed on the basis of term hours of attendance the hours for each subject for purposes of fee assessment shall be those prescribed in the Calendar, irrespective of any variation from the prescribed hours which may be necessary in conducting the subject. The granting of an exemption from portion of any of the requirements of a subject in which a student is enrolled does not carry with it any exemption from the payment of fees.

(a) Courses in the Faculties of Applied Science, Engineering and Science and degree courses in Industrial Arts and Sheep and Wool Technology.

For the purpose of fee determination assessment is on a term basis.

A full-time course fee will be charged for any term where more than 15 hours' per week instruction, etc., is involved.

*Fees quoted in this schedule are current at the time of publication and may be amended by the Council without notice.*

48
(i) Full-time Course Fee (more than 15 hours' attendance per week)—$110 per term. In courses where attendance in 3rd term, either at lectures or survey camp, is less than five weeks, the fee for this term is $55.

(ii) Part-time Course Fee—over 6 hours' and up to 15 hours' attendance per week—$55 per term.

(iii) Part-time Course Fee—6 hours' or less attendance per week—$28 per term.

(iv) Course Continuation Fee—A fee of $23 per annum (no term payment) is payable by:
   
   (a) students who have once been enrolled for a thesis and have only that requirement outstanding, or
   
   (b) students given special permission to take annual examinations without attendance at the University. (Students in this category are not required to pay the subscriptions to the College Union, the Students' Union, the Sports Association and the Library fee.)

(b) Commerce Courses.

For the purpose of fee determination assessment is on a term basis.

A full-time course fee will be charged for any term where more than 11 hours' per week instruction, etc., is involved.

   (i) Full-time Course Fee (more than 11 hours' attendance per week)—$92 per term.

   (ii) Part-time Course Fee—over 4 hours' and up to 11 hours' attendance per week—$55 per term.

   (iii) Part-time Course Fee—4 hours' or less attendance per week—$28 per term.

   (iv) Course Continuation Fee—A fee of $23 per annum (no term payment) is payable by:

   (a) students who have once been enrolled for a thesis and have only that requirement outstanding, or

   (b) students given special permission to take annual examinations without attendance at the University. (Students in this category are not required to pay the subscriptions to the College Union, the Students' Union, the Sports Association and the Library fee.)
(c) **Arts Courses**

(i) Pass—$84 per annum per subject or $28 per term per subject.

(ii) Honours—an additional $26 per annum per subject in which honours is taken in student's second and third years and $110 per subject per annum in the fourth year.

(d) **Miscellaneous Subjects.**

(i) Undergraduate subjects taken as "miscellaneous subjects" (i.e. not for a degree or diploma) or to qualify for registration as a candidate for a higher degree are assessed where they appear only in an Arts course (except where approved as the humanities component in another course) according to paragraph (c) "Arts courses", above. Where the honours section only of an Arts subject is taken the fee payable is the subject fee for a pass Arts subject. All other subjects taken as miscellaneous subjects are assessed according to paragraph (a) "Courses in the Faculties of Applied Science etc." above.

In cases where a student takes a programme of miscellaneous subjects from more than one of the categories referred to above the fees are assessed in accordance with paragraph (a) "Courses in the Faculties of Applied Science etc." above.

(ii) Students given approval to enrol in a miscellaneous subject or subjects in addition to being enrolled in a course are assessed according to the total hours of attendance as if the additional subject formed part of the course.

**OTHER FEES**

In addition to the course fees set out above all registered undergraduates will be required to pay—

- Matriculation Fee—$7 payable at the beginning of first year.
- Library Fee—annual fee—$12.
- College Union—$12—annual subscription.
- Sports Association—$1—annual subscription.
- Students' Union—$3—annual subscription.

*Students transferring from the Arts course to a course other than Arts and claiming credit for subjects taken in the Arts course shall have their fees for these subjects re-assessed retrospectively to conform to those payable for the course to which they transfer.*
Student Activities Fee—$2—annual subscription.
Graduation Fee—$7—payable at the completion of the course.

Depending on the course being taken, students may also be required to pay a Chemistry Kit Hiring Charge—$4 per kit. Additional charge for breakages and losses in excess of $1 may be required.

Special Examination Fees
Deferred examination—$5 for each subject.
Examinations conducted under special circumstances—$7 for each subject.
Review of examination result—$7 for each subject.

LATE FEES

First Enrolments—
Fees paid on the late enrolment session and before commencement of term ........................................................... $6
Fees paid during the 1st and 2nd weeks of term ..................... $12
Fees paid after the commencement of the 3rd week of term with the express approval of the Senior Administrative Officer and Head of the School concerned ........................................................... $23

Re-Enrolments
First Term—
Failure to attend enrolment centre during enrolment week $6
Fees paid after the commencement of the 3rd week of term to 31st March ........................................................... $12
Fees paid after 31st March where accepted with the express approval of the Senior Administrative Officer ........................................................... $23

Second and Third Terms—all enrolments—
Fees paid in 3rd and 4th weeks of term .............................................. $12
Fees paid thereafter ........................................................................... $23
Late lodgement of Application for Admission to Examinations (late applications will be accepted for three weeks only after prescribed dates) ........................................................... $5
WITHDRAWAL FROM COURSE

Students withdrawing from a course are required to notify the Senior Administrative Officer in writing. Fees for the course accrue until a written notification is received.

Where notice of withdrawal from a course is received by the Senior Administrative Officer before the first day of First Term a refund of all fees paid other than the matriculation fee will be made.

Where a student terminates for acceptable reasons a course of study before half a term has elapsed, one half of the term's fee may be refunded. Where a student terminates a course of study after half a term has elapsed, no refund may be made in respect of that term’s fees.

The Library fee is an annual fee and is not refundable where notice of withdrawal is given after the commencement of First Term.

On notice of withdrawal a partial refund of other fees is made on the following basis:

- Wollongong University College Union—where notice is given prior to the end of the fifth week of first term $1.50, thereafter no refund.
- Wollongong University College Sports Association—where notice is given prior to 30th April a full refund is made, thereafter no refund.

CASHIER’S HOURS

The Cashier’s office is open for the payment of fees from 9.30 a.m. to 1 p.m., and from 2 p.m. to 4.30 p.m., Monday to Friday. The Cashier’s office is open for additional periods during the first four weeks of each term. Details of these additional times may be obtained from notices posted at the College before the commencement of term.

CHANGES IN COURSE PROGRAMMES AND WITHDRAWAL FROM SUBJECTS

Students seeking approval for variation of enrolment programme or seeking to withdraw from subjects must make application to the Head of the School responsible for the course on a form available from school offices. The Senior Administrative Officer will inform students of the decision. Approval of withdrawal from subjects is not automatic, each application being determined after considering the circumstances.
advanced as justifying withdrawal. It should be noted that a student is regarded as having failed in a subject if he enrolled in it in any year and did not pass the annual examination—not sitting for the examination is regarded as not passing the examination.

(Unless there are special circumstances, withdrawal from a subject after Term I will not be approved; students withdrawing after this date will therefore be held to have failed to satisfy the examiners.)

**RESUMPTION OF COURSES**

Students wishing to resume their studies after an absence of twelve months or more are required to apply to the Senior Administrative Officer for permission to re-enrol. Students re-enrolling in this way will normally be required to satisfy conditions pertaining to the course at the time of re-enrolment. This condition applies also to students who have been re-admitted to a course after exclusion under the rules restricting students re-enrolling.

**CHANGE OF ADDRESS**

Students are requested to notify the Senior Administrative Officer in writing of any change in their address as soon as possible. Failure to do this could lead to important correspondence or course information not reaching the student. The College cannot accept responsibility if official communications fail to reach a student who has not notified the Senior Administrative Officer of a change of address.

*The Union Building.*

53
The Fluid Mechanics Laboratory
Rules Affecting Students

ATTENDANCE AT CLASSES

Students are expected to be regular and punctual in attendance at all classes in the course or subject in which they are enrolled. All applications for exemption from attendance at lectures or practical classes must be made in writing to the Senior Administrative Officer.

In the case of illness or of absence for some other unavoidable cause a student may be excused by the Senior Administrative Officer from 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 any longer period.

Applications to the Senior Administrative Officer for exemption from re-attendance at classes, either for lectures or practical work, may only be granted on the recommendation of the Head of the appropriate School. The granting of an exemption from attendance does not carry with it exemption from payment of fees.

Application forms for exemption from lectures are available at the Administrative Office and should be lodged there (with a medical certificate where applicable). If term examinations have been missed this fact should be noted in the application.

Where a student has failed a subject at the annual examinations in any year and re-enrols in the same course in the following year, he must include in his programme of studies for that year the subject in which he has 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.

Where a student has attended less than eighty per cent of the possible classes, he may be refused permission to sit for the examination in that subject.

ANNUAL EXAMINATIONS

The annual examinations take place in November-December for students in 30-week courses, and in September for students in 21-24-week courses. Timetables showing time and place at which individual examinations will be held are posted on the central notice boards. Mis-reading of the timetable is not an acceptable excuse for failure
to attend an examination. Examination results are posted to the term addresses of students. No results will be given by telephone.

Examination results may be reviewed for a fee of $7 a subject, which is refundable in the event of an error being discovered. Applications for review must be submitted on the appropriate form, together with the necessary fee by the date indicated on the notification of results.

In the assessment of a student’s 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 annual examination results.

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 Senior Administrative Officer not later than seven days after the date of the examination.

A student who believes that his performance at an examination 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 Senior Administrative Officer 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 Senior Administrative Officer 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 may apply to the Senior Administrative Officer for special provision when examinations are taken. The student may be required to support his request with medical evidence.

**RULES AND PROCEDURE FOR THE CONDUCT OF EXAMINATIONS**

(a) Candidates are required to obey any instruction given by an examination supervisor for the proper conduct of the examination.
(b) Candidates are required to be in their places in the examination room not less than ten minutes before the time for commencement.

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

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

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

(f) 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.

(g) 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.

(h) Smoking is not permitted during the course of examinations.

(i) 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.

DEFERRED EXAMINATIONS

Deferred examinations may be granted in the following cases:—

(i) 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.

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

Applications for deferred examinations in the first category must be lodged with the Senior Administrative Officer with appropriate evidence of the circumstances (e.g. medical certificate) not later than seven days after the examination concerned.
A student eligible to sit for a deferred examination must lodge with the Senior Administrative Officer an application, accompanied by the fee of $5 per subject, by the date indicated on the notification of results.

APPLICATION FOR ADMISSION TO A DEGREE

Applications for admission to a degree of the University must be made on the appropriate form by 31st January. Applicants should ensure that they have completed all requirements for the degree, including industrial training where necessary.

APPLICATION FOR ADMISSION TO EXAMINATIONS

All students must lodge an application for admission to examinations by 19th July, 1968.

The Cashier is authorised to receive application forms during the three weeks immediately following the prescribed closing dates if they are accompanied by a late fee of $5. Applications forwarded more than three weeks after the closing date will not be accepted except in very exceptional circumstances and with the approval of the Senior Administrative Officer. Where an application is not accepted the student concerned is not eligible to sit for the examinations.

Applications lodged prior to the due date will be acknowledged by postcard. Students who do not receive an acknowledgement within ten days of lodging the application should contact the Senior Administrative Officer.

As a result of the application of machine methods to the processing of examination results, all students receive a pro forma application for admission to examinations listing the subjects for which the student has formally enrolled. The return of this pro forma duly completed constitutes the application for admission to examinations. Pro forma applications will be posted to students on 30th June. Any student who does not receive a pro forma application must contact the Senior Administrative Officer prior to the date prescribed for the return of applications.

RESTRICTION 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. These rules will be applied retrospectively from January, 1962.

(i) As from 1st January, 1962, a student shall show cause why he should be allowed to repeat a subject in which he has failed more than once. (Failure in a deferred examination as well as in the annual examination counts, for the purpose of this regulation, as one failure.) Where such subject is prescribed as a part of the student’s course he shall be required to show cause why he should be allowed to continue the course. A student in the medical course shall show cause why he should be allowed to repeat the second year of the course if he has failed more than once to qualify for entry to the third year.

(ii) Notwithstanding the provisions of clause (i), a student shall be required to show cause why he should be allowed to continue a course which he will not be able to complete in the time set down in the following schedule:

<table>
<thead>
<tr>
<th>Number of years in course</th>
<th>Total time allowed from first enrolment to completion (years)</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>5</td>
</tr>
<tr>
<td>4</td>
<td>6</td>
</tr>
<tr>
<td>5</td>
<td>8</td>
</tr>
<tr>
<td>6</td>
<td>9</td>
</tr>
<tr>
<td>7</td>
<td>11</td>
</tr>
<tr>
<td>8</td>
<td>12</td>
</tr>
</tbody>
</table>

*(iii) No full-time student shall, without showing cause, be permitted to continue a course unless all subjects of the first year of his course are completed by the end of his second year of attendance. No student in the Faculty of Arts shall, without showing cause, be permitted to continue a course unless he completes four subjects, one of which must be from Group VII by the end of his second year of attendance. No part-time student shall, without showing cause, be permitted to continue a course unless all subjects of the first two

*Rule (iii) in so far as it relates to students in the Faculty of Arts will apply retrospectively as from 1st January, 1967, and in so far as it relates to students in the Faculty of Medicine, will apply to students enrolling for the first time in 1967 or thereafter.*
stages of his course are completed by the end of his fourth year of attendance and all subjects of the third and fourth stages of his course by the end of his seventh year of attendance.

No student in the Faculty of Medicine shall, without showing cause, be permitted to continue with the medical course unless he completes the second year of the course by the end of his third year of attendance, and the third year of the course by the end of his fourth year of attendance.

(iv) A student who has a record of failure in a course at another University shall be required to show cause why he should be admitted to this University. A student admitted to a course at this University following a record of failure at another University shall be required to show cause, notwithstanding any other provisions in these rules, why he should be permitted to continue in that course if he is unsuccessful in the annual examinations in his first year of attendance at this University.

(v) Any student excluded under any of the clauses (i)-(iii) may apply for re-admission after two academic years and such application shall be considered in the light of any evidence submitted by him.

(vi) A student wishing "to show cause" under these provisions shall do so in writing to the Senior Administrative Officer. Any such application shall be considered by the Professorial Board, which shall determine whether the cause shown is adequate to justify his being permitted to continue his course or re-enrol as the case may be.

(vii) The Vice-Chancellor may on the recommendation of the Professorial Board exclude from attendance in a course or courses any student who has been excluded from attendance in any other course under the rules governing re-enrolment and whose record at the University demonstrates, in the opinion of the Board and the Vice-Chancellor, the student's lack of fitness to pursue the course nominated.

(viii) A student who has failed, under the provisions of Clause (vi) of these rules, to show cause acceptable to the Professorial Board why he should be permitted to continue in his course, and who has subsequently been permitted to re-enrol in that
course or to transfer to another course, shall also be required to show cause, notwithstanding any other provisions in these rules, why he should be permitted to continue in that course if he is unsuccessful in the annual examinations immediately following the first year of resumption or transfer of enrolment as the case may be.

(ix) A student may appeal to an Appeals Committee constituted by Council for this purpose, against his exclusion by the Professorial Board from any subject or course.

RE-ADMISSION AFTER EXCLUSION

Applications for re-admission must be made on the standard form and lodged with the Senior Administrative Officer not later than 30th June of the year prior to that for which re-admission is sought. An application should include evidence of appropriate study in the subjects (or equivalents) on account of which the applicant was excluded. In addition, 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, should be furnished. An applicant may be required to take the annual examinations in the relevant subjects as qualifying examinations in which case re-admission does not imply exemption from the subject.

It should be noted that a person under exclusion may not be enrolled in miscellaneous subjects unless he has received the approval of the Professorial Board.

Persons who intend applying for re-admission to the University at a future date may seek advice as to ways in which they may enhance their prospects of qualifying for re-admission. Enquiries should be made on a form obtainable from, and lodged with the Senior Administrative Officer.

OWNERSHIP OF STUDENTS' WORK

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 students as part of their courses, or submitted for any award or competition conducted by the University.
NOTICES

Official University notices are displayed on the notice boards and students are expected to be acquainted with the contents of those announcements which concern them.

APPLICATION OF RULES

General

Any student who requires information on the application of these rules or any service which the College offers, may make enquiries from the Senior Administrative Officer.

Appeals

Section 5(c) of Chapter III of the By-laws provides that "Any person affected by a decision of any member of the Professorial Board (other than the Vice-Chancellor) in respect of breach of discipline or misconduct may appeal to the Vice-Chancellor, and in the case of disciplinary action by the Vice-Chancellor, whether on appeal or otherwise, to the Council".
Extra-Curricular Activities

This section provides brief details only of the extra-curricular activities which are open to students.

SPORTING FACILITIES

The College is currently constructing a sporting oval at the north-eastern end of its campus. This oval, when completed, will provide first class facilities for the playing of various sports. At present, a second class oval for cricket and football, hockey fields and tennis courts are available.

THE STUDENTS' UNION

The Students' Union is a body elected by and from the students to promote student welfare and interests. Membership of the Students' Union is compulsory for all students.

"Tertangala"—the journal of the Wollongong University College Students' Union is published at least once each term.

CLUBS AND SOCIETIES

All students are encouraged to participate in the activities of at least one of the various student Clubs and Societies. These clubs aim to promote the physical, social and educational development of students through their leisure time activities. The following clubs are recognised at this College:

- Arts Faculty Association
- Australian Reform League
- Car Club
- Chess Club
- Climbing Club
- Cricket Club
- Debating Society
- Drama Society
- Geological Society
- Historical Society
- Labour Club
- Liberal Club
- Liberal Arts Society
- Men's Hockey Club
- Metallurgical Society
- Motorbike Club
- Newman Society
- Orchestral Society
- Rugby Union Club
- Science Faculty Association
- Squash Club
- Student Christian Fellowship
- Tennis Club
- Women's Hockey Club
- Women Students' Society
- World University Service

National Union of Australian University Students.
LEGEND

1. MAIN BUILDING
   - Administration
   - Commerce
   - History and Philosophy of Science
   - Physics
   - Library

2. SCIENCE BUILDING
   - Biology
   - Chemistry
   - General Studies
   - Geology
   - Metallurgy

3. UNION BUILDING
   - Bookshop

4. ENGINEERING BUILDING
   - Computer
   - Electrical Engineering
   - English
   - History
   - Mathematics
   - Mechanical Engineering
   - Metallurgy

5. SERVICES BUILDING

6. ENGINEERING LABORATORIES
   - Electrical Engineering
   - Mechanical Engineering
   - Workshop

7. HEAT ENGINES LABORATORY