The Flinders University of South Australia

CALENDAR

1968
1 THE REGISTRY
2 THE UNION
3 THE LIBRARY
4 THE MATTHEW FLINDERS THEATRE
5 SCHOOL OF LANGUAGE AND LITERATURE
6 SCHOOL OF SOCIAL SCIENCES
7 MUSIC AND DRAMA CLASSROOMS
8 ARTS LECTURE THEATRE

THE FLINDERS UNIVERSITY OF SOUTH AUSTRALIA
F BIOLOGICAL SCIENCES
F PHYSICAL SCIENCES
EATRES
OUSE
F PHYSICAL SCIENCES WORKSHOP
BUILDINGS
OOMS
AREA

Scale in feet
The Flinders University of South Australia

CALENDAR

1968

BEDFORD PARK, SOUTH AUSTRALIA
January 1968
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Preface

The origins of The Flinders University of South Australia may be traced back to 1958 when The University of Adelaide realized that by 1965 it would have grave accommodation problems. The limiting factor was the shortage of land for new buildings on the existing site of just over thirty acres on North Terrace in the city. The University concluded that another site should be sought for the expansion of university facilities.

In 1961 the South Australian Government made available to The University of Adelaide the 370 acre site known as Bedford Park, seven miles south of the City of Adelaide. The Australian Universities Commission approved the development of the site for university purposes. Preliminary planning proceeded rapidly and in March, 1962, the Council was able to forward its proposals to the Australian Universities Commission for development at Bedford Park for the years 1963 to 1966.

The submission envisaged that Bedford Park would be an academically autonomous campus of The University of Adelaide. Students would graduate from Bedford Park with degrees of The University of Adelaide, but the professors appointed in charge of disciplines at Bedford Park would be responsible for the design of their own syllabuses and for the structure of the degree courses to be offered. Constitutionally, Bedford Park would be part of The University of Adelaide and would be governed by the University Council in the same way as North Terrace, but its operations would be parallel, and not subordinate, to North Terrace. In accordance with this philosophy the new campus came to be known as The University of Adelaide at Bedford Park.

Planning for Bedford Park assumed that students in Arts and Science would be accepted from the beginning of the 1966 academic year. In 1966, first-year undergraduate courses and higher degree work would be available; second and third year courses would be added in 1967 and 1968 respectively. After visits from the Australian Universities Commission and consultations with the State Government, the University was informed in October, 1962, that it might go ahead with the detailed planning of the site and buildings and the appointment of staff. By the middle of 1963, the basic concepts of the site development plan had been worked out. These are set out in the University's site planning report.* Early in 1963 architects were appointed for the first stages of the academic, library, union and administration buildings. Final sketch plans for these buildings were completed in the second half of 1963 and approved by the Australian Universities Commission before the end of that year.

During 1964 most of the construction work for site works and services was carried out. An extensive tree-planting programme was also commenced. Twenty-five acres of playing fields were developed and sports changing rooms constructed. In the following year construction of the main buildings proceeded. The initial capital works programme of some $6 million was completed early in 1966. During 1967 the second and final stage of the library building was constructed, together with drama and music studios, additional lecture theatres and engineering and maintenance workshops.

The University began seeking academic staff in 1963. By 1964, six professors had been appointed and had begun academic planning. There are now twenty-four professors and eighty-five other members of the academic staff. The Librarian was appointed in the middle of 1963 and had, by the beginning of 1966, accumulated a collection of over 60,000 volumes. The collection now numbers over 100,000 volumes.

Towards the end of 1965, the South Australian Government decided to make The University of Adelaide at Bedford Park a fully autonomous university under the name of The Flinders University of South Australia. The necessary legislation was passed early in 1966 and came into effect on 1st July, 1966. The Flinders University was officially opened by Her Majesty Queen Elizabeth the Queen Mother on 25th March, 1966, several weeks after the first students had been enrolled.

The Flinders University is governed by a Council of twenty-seven members, which is advised by a number of committees and boards. The academic work is organized in four Schools, namely, Schools of Language and Literature, of Social Sciences, of Physical Sciences, and of Biological Sciences. The School is the basic academic and administrative unit. Each School is governed by a Board presided over by a Chairman. Degrees in Arts may be taken in the Schools of Language and Literature and of Social Sciences; and degrees in Science in the Schools of Physical Sciences and of Biological Sciences. In addition, degrees in Economics and Education and postgraduate diplomas in Social Administration and Education are available in the School of Social Sciences. Facilities for higher degree work and research are available in all Schools.

Student enrolments in 1967 were:

<table>
<thead>
<tr>
<th>Degree</th>
<th>Full-time</th>
<th>Part-time</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bachelor of Arts</td>
<td>342</td>
<td>44</td>
<td>386</td>
</tr>
<tr>
<td>Bachelor of Economics</td>
<td>42</td>
<td>4</td>
<td>46</td>
</tr>
<tr>
<td>Bachelor of Science</td>
<td>287</td>
<td>13</td>
<td>250</td>
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<tr>
<td>Diploma of Social Administration</td>
<td>8</td>
<td>7</td>
<td>15</td>
</tr>
<tr>
<td>Higher Degrees</td>
<td>43</td>
<td>18</td>
<td>61</td>
</tr>
<tr>
<td>Agricultural Science*</td>
<td>17</td>
<td>—</td>
<td>17</td>
</tr>
<tr>
<td>Dentistry*</td>
<td>9</td>
<td>1</td>
<td>10</td>
</tr>
<tr>
<td>Medicine*</td>
<td>43</td>
<td>1</td>
<td>44</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>741</strong></td>
<td><strong>88</strong></td>
<td><strong>829</strong></td>
</tr>
</tbody>
</table>

*First-year work only. Students transfer to The University of Adelaide for second-year and later work.

In June of each year the University publishes its *Annual Report*, which reviews the activities of the preceding calendar year and contains statistical and financial information.
OFFICERS OF THE UNIVERSITY

Visitor:
His Excellency the Governor of South Australia, Lieutenant-General Sir EDRIC MONTAGUE BASTYAN, K.C.M.G., K.C.V.O., K.B.E., C.B.

Chancellor:

Pro-Chancellor:
Hon. Mr. Justice CHARLES HART BRIGHT, B.A., LL.B. (Adel.). Elected by the Council 16th September, 1966

Vice-Chancellor:
Emeritus Professor PETER HENRY KARMEL, C.B.E., B.A. (Melb.), Ph.D. (Camb.). Appointed Vice-Chancellor 1st July, 1966

Pro-Vice-Chancellor:
Professor AVON MAXWELL CLARK, M.Sc. (Melb.), Ph.D. (Camb.). Appointed Pro-Vice-Chancellor 21st October, 1966

Registrar:
HOWARD JAMES BUCHAN, B.Sc. (Syd.). Appointed Registrar 1st July, 1966
THE COUNCIL

Members Ex Officio:
The Chancellor
The Vice-Chancellor
The Director-General of Education:
JOHN SCHOMBURGK WALKER, B.Sc. (Adel.)
The President of the Students Representative Council:
JAMES ANDREW SHERIFF

Members elected by the Parliament of South Australia:
Hon. DONALD HUBERT LOUIS BANFIELD, M.L.C. Appointed 1st July 1966
Hon. JESSIE MARY COOPER, B.A. (Syd.), A.Mus.A., M.L.C. Appointed 1st July 1966
HUGH RICHARD HUDSON, B.Ec. (Syd.), M.P. Appointed 1st July 1966
GILBERT ROCHE ANDREWS LANGLEY, M.P. Appointed 1st July 1966
JOYCE STEELE, M.P. Appointed 1st July 1966

Members appointed by the Governor:
WILLIAM ANTHONY BROWN (representing the United Trades and Labour Council of South Australia). Appointed 15th August 1966

Members elected by the Academic Staff of the University:
Professor DAVID CHARLES CORBETT, M.A. (Tor.), Ph.D. (McG.). Appointed 7th July 1966
Professor IAN STOTT LAURIE, M.A. (N.Z.), M.A., Ph.D. (Camb.). Appointed 7th July 1966
ROBERT HENRY WALLACE, B.Com. (Melb.), B.Phil. (Oxford). Appointed 7th July 1966

Members elected by the Senate of The University of Adelaide:
Professor MAURICE RAYMOND ATKINSON, B.Sc., Ph.D. (Tas.). Appointed 1st July 1966
Professor MAXWELL HOWARD BRENNAN, B.Sc., Ph.D. (Syd.). Appointed 1st July 1966
Hon. Mr. Justice CHARLES HART BRIGHT, B.A., LL.B. (Adel.), Appointed 1st July 1966
Professor RAYMOND GEORGE BROWN, B.A., Dip.Soc.Stud. (Melb.), M.S.S. (Bryn Mawr), Ph.D. (Birm.). Appointed 1st July 1966
Professor RALPH WARREN VICTOR ELLIOTT, M.A. (St.And.). Appointed 1st July 1966
Professor ROBERT FORD WHELAN, M.D., Ph.D., D.Sc. (Belf.), F.R.A.C.P., F.A.A. Appointed 1st July 1966

Members co-opted by the Council:

10
COMMITTEES AND BOARDS

ACADEMIC COMMITTEE

CHAIRMAN: The Vice-Chancellor
The Chairman of the School of Biological Sciences
The Chairman of the School of Language and Literature
The Chairman of the School of Physical Sciences
The Chairman of the School of Social Sciences
The Vice-Chairman of the School of Biological Sciences
The Vice-Chairman of the School of Language and Literature
The Vice-Chairman of the School of Physical Sciences
The Vice-Chairman of the School of Social Sciences
Mr. B. A. Cosgrove Mr. P. A. Lockwood
Professor R. W. V. Elliott Mr. N. Stockdale
Dr. G. P. Findlay Dr. W. D. Westwood

FINANCE AND BUILDINGS COMMITTEE

CHAIRMAN: Hon. Mr. Justice C. H. Bright
The Chancellor Mr. H. R. Hudson
The Vice-Chancellor Mr. R. A. Simpson
Professor M. H. Brennan Mr. R. H. Wallace
Hon. Jessie M. Cooper

ALLOCATIONS COMMITTEE

CHAIRMAN: The Vice-Chancellor
The Chairman of the School of Biological Sciences
The Chairman of the School of Language and Literature
The Chairman of the School of Physical Sciences
The Chairman of the School of Social Sciences
The Chairman of the Finance and Buildings Committee

BOARD OF THE SCHOOL OF LANGUAGE AND LITERATURE

CHAIRMAN: Professor W. J. Cherry
VICE-CHAIRMAN: Dr. T. G. Fennell

The Chancellor
The Vice-Chancellor
The Chairman of the School of Biological Sciences
The Chairman of the School of Physical Sciences
The Chairman of the School of Social Sciences
Miss M. V. Alvarez Mr. K. Hounslow
Mr. G. H. Anderson Mrs. F. A. Hughes
Mr. K. O. J. Arvidson Dr. R. H. Illing
Mr. I. D. Barnett Professor I. S. Laurie
Mr. P. J. H. Beausant Professor B. H. Medlin
Mr. E. B. de Chickera Mr. S. G. O'Hair
Professor R. W. V. Elliott Mr. W. A. R. Richardson
Professor K. Garrad Dr. R. J. Sherrington
Mr. S. C. Harrex Mr. R. W. Smith
COMMITTEES AND BOARDS

BOARD OF THE SCHOOL OF SOCIAL SCIENCES

CHAIRMAN: Professor K. J. Hancock
VICE-CHAIRMAN: Professor M. McCaskill

The Chancellor
The Vice-Chancellor
The Chairman of the School of Biological Sciences
The Chairman of the School of Language and Literature
The Chairman of the School of Physical Sciences

Mr. K. L. Bardsley
Mr. R. J. Blandy
Professor R. G. Brown
Dr. D. L. Close
Professor D. C. Corbett
Dr. B. K. Dickey
Mrs. K. P. Doddridge
Dr. E. Ellers
Professor N. T. Feather
Mr. A. S. Fraser
Mr. V. C. Funnell
Dr. D. N. Gibbs
Mr. A. R. G. Griffiths
Miss L. Hay
Mr. J. W. Hayles
Dr. R. L. Heathcote
Dr. D. L. Hilliard
Mr. D. Hogben
Mr. P. A. Howell
Dr. D. B. Hughes
Mr. F. Ledwith
Mr. H. S. Leng
Mr. P. A. Lockwood
Mr. J. M. Main
Dr. A. M. Maude
Professor B. H. Medlin
Miss M. Norton
Mr. J. D. E. Plant
Dr. M. Polasek
Professor J. A. Richardson
Miss J. M. Robertson
Dr. I. A. A. Thompson
Mr. K. J. Walker
Mr. R. H. Wallace

BOARD OF THE SCHOOL OF PHYSICAL SCIENCES

CHAIRMAN: Professor J. R. Anderson
VICE-CHAIRMAN: Professor J. R. M. Radok

The Chancellor
The Vice-Chancellor
The Chairman of the School of Biological Sciences
The Chairman of the School of Language and Literature
The Chairman of the School of Social Sciences

Professor B. Abrahamson
Dr. W. Adcock
Dr. B. G. Baker
Mr. R. J. Baxter
Mr. S. K. Bhattacharya
Dr. H. A. Blevin
Professor M. H. Brennan
Dr. J. A. T. Bye
Dr. R. A. D. Byron-Scott
Dr. J. A. Campbell
Dr. N. J. Clark
Professor J. W. Clark-Lewis
Professor J. N. Darroch
Dr. B. Davies
Mr. H. J. de Bruin
Dr. E. W. Della
Dr. E. Ellers
Dr. J. Fletcher
Professor A. B. Hope
Dr. R. J. Hosking
Mr. S. S. W. Hui
Mr. I. Kluvanek
Dr. A. L. McCarthy
Dr. I. E. McCarthy
Dr. E. F. McCoy
Mr. E. L. Murray
Dr. T. W. Sag
Professor D. B. Sears
Dr. R. G. Storer
Dr. M. R. Taylor
Dr. M. J. Thompson
Dr. J. R. Vanstone
Dr. R. T. Waechter
Dr. W. D. Westwood
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Chairman: Professor A. M. Clark

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The Chancellor
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The Chairman of the School of Social Sciences

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Dr. B. A. Barlow
Dr. B. Boettcher
Dr. N. G. Brink
Mr. L. A. Burgoyne
Dr. K. E. Dixon

Dr. G. P. Findlay
Professor A. B. Hope
Dr. N. G. Marinos
Dr. A. W. Murray
Dr. C. E. Price

RESEARCH COMMITTEE

Chairman: Professor A. M. Clark

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Professor M. R. Atkinson
Professor D. C. Corbett
Professor J. N. Darrock

Dr. T. G. Fennell
Professor K. Garrad
Professor A. B. Hope
Professor M. McCaskill

LIBRARY ADVISORY COMMITTEE

Chairman:

Dr. E. W. Della
Dr. K. E. Dixon
Professor R. W. V. Elliott
Mrs. F. A. Hughes
Mr. P. A. Lockwood

Professor J. A. J. Pateman
Mr. J. D. E. Plant
Professor J. R. M. Radok
Mr. N. Stockdale

TECHNICAL STAFF COMMITTEE

Chairman: Professor M. McCaskill

Professor M. R. Atkinson
Professor M. H. Brennan
Dr. G. P. Findlay

Mr. K. Hounslow
Dr. E. L. Murray
Mr. R. A. Simpson

COMPUTING COMMITTEE

Chairman: Professor J. R. Anderson

Professor K. J. Hancock
Professor A. B. Hope
Mr. A. P. Keain

Professor J. R. M. Radok
Dr. M. R. Taylor

THEATRE MANAGEMENT COMMITTEE

Chairman: Professor W. J. Cherry

Mr. H. J. Buchan
Mr. G. G. Foulds
Professor A. B. Hope

Professor I. S. Laurie
Mr. A. E. Mitchell
COMMITTEES AND BOARDS

RADIATION SAFETY COMMITTEE

Chairman: Professor A. B. Hope
Dr. G. P. Findlay
Dr. M. R. Taylor

MATRICULATION BOARD

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The Chairman of the School of Biological Sciences
The Chairman of the School of Language and Literature
The Chairman of the School of Physical Sciences
The Chairman of the School of Social Sciences
Professor B. Abrahamson
Mrs. F. A. Hughes
Dr. B. A. Barlow
Professor M. McCaskill

BOARD OF DISCIPLINE

Chairman: The Vice-Chancellor
Chairman of The School of Language and Literature
Chairman of The School of Social Sciences
Chairman of The School of Physical Sciences
Chairman of The School of Biological Sciences

UNION BOARD

Chairman: Professor R. G. Brown

The Registrar
The Director of Union Services
The Accountant
Mr. D. H. L. Banfield
Miss M. Benton
Mr. R. W. Boswell
Mr. J. Caldwell
Dr. K. E. Dixon
Miss M. Dyer
Mr. P. R. Gilchrist
Professor K. J. Hancock
Mr. J. W. Hayles
Mr. P. Keal
Dr. G. R. Kennedy
Mr. D. R. Looker
Miss A. Muirhead
Dr. E. L. Murray
Professor J. A. Richardson
STAFF

Vice-Chancellor:
PETER HENRY KARMEL, C.B.E., B.A. (Melb.), Ph.D. (Camb.). Emeritus Professor of the University of Adelaide; Appointed Principal-Designate 1961; Principal 1965; Vice-Chancellor 1966

SCHOOL OF LANGUAGE AND LITERATURE

CHAIRMAN: Professor W. J. Cherry
VICE-CHAIRMAN: Dr. T. G. Fennell

DRAMA:
Professor:
WALTER JOHN CHERRY, B.A. (Melb.) Appointed 1967

Lecturer:
GEORGE HENRY ANDERSON, B.A., Dip. Ed. (Syd.) Appointed 1967

ENGLISH:
Professor:
RALPH WARREN VICTOR ELLIOTT, M.A. (St.And.) Appointed 1964

Senior Lecturer:
ERNEST BENJAMIN DE CHICKERA, B.A. (Lond.), B.Litt. (Oxford) Appointed 1966

Lecturers:
SYDNEY CHURCH HARREX, M.A. (Tas.) Appointed 1966
FELICITY ANN HUGHES, B.A. (Manc.) Appointed 1966
KENNETH OWEN JOHN ARVIDSON, M.A. (Auck.) Appointed 1967

Tutor:
HEATHER MARGARET CAMERON, B.A. (Adel.) Appointed 1968

FINE ARTS:
Senior Lecturer:
ROBERT WILLIAM SMITH, B.A. (W.A.) Appointed 1966

FRENCH:
Professor:
IAN STOTT LAURIE, M.A. (N.Z.), M.A., Ph.D. (Camb.) Appointed 1965

Lecturers:
PHILIPPE JACQUES HENRI BEAUSANT, L-ès-L (Paris) Appointed 1965
ROBERT JAMES SHERRINGTON, B.A. (Qld.), Ph.D. (U.N.E.) Appointed 1967
STAFF

Music:
Senior Lecturer:
ROBERT HENRY ILLING, M.A., Mus.B. (Camb.), Ph.D. (Nott.) Appointed 1966

Philosophy:
Professor:
BRIAN HERBERT MEDLIN, B.A. (Adel.), B.Phil. (Oxford) Appointed 1967
Senior Lecturer:
STEPHEN GREGORY O'HAIR, LL.B. (Melb.), B.Phil. (Oxford) Appointed 1967
Lecturer:
IRA DENE BARNETT Appointed 1968

Spanish:
Professor:
KENNETH GARRAD, M.A., Ph.D. (Camb.) Appointed 1965
Senior Lecturer:
Lecturer:
MARIA VICTORIA ALVAREZ, B.A. (Cardiff) Appointed 1966

Language Laboratory:
Director:
KENNETH HOUNSLOW, B.A., Dip.Ed. (Melb.) Appointed 1965

SCHOOL OF SOCIAL SCIENCES

Chairman: Professor K. J. HANCOCK
Vice-Chairman: Professor M. McCASKILL

American Studies:
Professor:

Economics:
Professor:
KEITH JACKSON HANCOCK, B.A. (Melb.), Ph.D. (Lond.) Appointed 1964
Reader:
ROBERT HENRY WALLACE, B.Com. (Melb.), B.Phil. (Oxford) Appointed Senior Lecturer 1966; Reader 1967
Senior Lecturers:
RICHARD JOHN BLANDY, B.Ec. (Adel.), M.A. (Col.) Appointed 1968
Lecturer:  
JOHN WARWICK HAYLES, M.Com. (Melb.), A.A.S.A. Appointed 1967  
DESMOND WARWICK HUGHES, B.Sc. (Econ.) (Lond.), M.A., Ph.D. (Prince.) Appointed 1968  
Tutor:  
PHILIP R. BENTLEY, B.A., (N'cle, N.S.W.)  
EDUCATION:  
Professor:  
Senior Lecturer:  
DONALD HOGBEN, M.Ed. (W.A.) Appointed 1967  
GEOGRAPHY:  
Professor:  
MURRAY McCASKILL, M.A., Ph.D. (N.Z.) Appointed 1965  
Senior Lecturers:  
ARCHIBALD STEWART FRASER, B.Sc. (Aberd.) Appointed 1967  
Lecturers:  
KENNETH LEON BARDSLEY, B.A. (Qld.) Appointed 1965  
KATHERINE PATRICIA DODDRIDGE, B.A. (Tas.) Appointed 1966  
ROBERT JOHN STIMSON, B.A., Litt.B. (U.N.E.)  
Tutor:  
GRAEME JOHN HUGO, B.A. (Adel.)  
HISTORY:  
Professor:  
Readers:  
PHILIP ANTHONY LOCKWOOD, M.A. (Camb.) Appointed 1965  
JAMES MILLAR MAIN, B.A. (Melb.), B.Litt. (Oxford) Appointed Senior Lecturer 1966; Reader 1967  
Lecturers:  
IRVING ALEXANDER ANTHONY THOMPSON, M.A., Ph.D. (Camb.) Appointed 1966  
DAVID HENRY CLOSE, B.A. (Oxford), Ph.D. (Camb.) Appointed 1967  
DAVID LOCKHART HILLIARD, M.A. (Otago), Ph.D. (A.N.U.) Appointed 1967  
PETER ANTHONY HOWELL, M.A. (Tas.) Appointed 1967  
JANET MARIAN ROBERTSON, B.A. (Adel.) Appointed 1967  
ANTHONY ROYSTON GRANT GRIFFITHS, B.A. (Adel.) Appointed 1968  
Tutor:  
JENIS MARIE TILBY, B.A., Dip.Ed. (Adel.)
STAFF

POLITICAL THEORY AND INSTITUTIONS:

Professor:
DAVID CHARLES CORBETT, M.A. (Tor.), Ph.D. (McG.) Appointed 1966

Lecturers:
VICTOR CECIL FUNNELL, M.A. (Camb.) Appointed 1966
HIN SEAK LENG, B.A. (Conn.), M.A. (Prin.) Appointed 1967
KENNETH J. WALKER, M.A. (Melb.) Appointed 1968

SOCIAL ADMINISTRATION:

Professor:
RAYMOND GEORGE BROWN, B.A., Dip.Soc.Stud. (Melb.), M.S.S. (Bryn Mawr), Ph.D. (Birm.) Appointed 1965

Senior Lecturers:

Tutor:
PATRICIA MARY PIETEREK, A.I.A. (Soc.Sc.), A.I.H.A.

Part-time Tutor:
MARGARET ANNA HANEN, Dip.Soc.Work (Rotterdam)

PSYCHOLOGY:

Professor:

Senior Lecturer:
DAVID NORRISS GIBBS, M.A. (N.Z.), Ph.D. (Lond.) Appointed 1968

Lecturer:
FRANCIS LEDWITH, M.A. (Edin.) Appointed 1967

SCHOOL OF PHYSICAL SCIENCES

CHAIRMAN: Professor J. R. ANDERSON
VICE-CHAIRMAN: Professor J. R. M. RADOKE

APPLIED MATHEMATICS:

Professor:
JENS RAINER MARIA RADOKE, M.A. (Melb.), D.Eng. (Munich) Appointed 1967

Lecturers:
JOHN ARTHUR TRISTRAM BYE, B.Sc. (Liv.), Ph.D., D.I.C. (Lond.) Appointed 1967
RONALD ALEXANDER DAVID BYRON-SCOTT, B.Sc. (Adel.), A.M. (Harv.), Ph.D. (McG) Appointed 1967
ROGER JOHN HOSKING, B.Sc. (Adel.), Ph.D. (W. Ont.) Appointed 1966
RAYMOND TREVOR WAECHTER, B.E., M.Sc. (Adel.), Ph.D. (Camb.) Appointed 1966

18
CHEMISTRY:

Professors:
JOHN WILLIAM CLARK-LEWIS, B.Pharm. (Lond.), Ph.D. (Nott.), D.Sc. (Lond.) Appointed 1963
JOHN ROBERT ANDERSON, B.Sc. (N.S.W.), Ph.D. (Camb.) Appointed 1965

Senior Lecturers:
MALCOLM JAMES THOMPSON, B.Sc., Ph.D. (Adel.) Appointed 1965
BRUCE GEORGE BAKER, B.Sc., Ph.D., Dip.Ed. (Melb.) Appointed Lecturer 1966; Senior Lecturer 1967
HENDRIKUS JOHANNUS DE BRUIN, M.Sc. (W.A.) Appointed 1968

Lecturers:
ERNEST WILLIAM DELLA, B.Sc., Ph.D. (W.A.) Appointed 1966
MAX RONALD TAYLOR, B.Sc. (N.Z.), M.Sc. (Cant.), Ph.D. (Syd.) Appointed 1966
WILLIAM ADCOCK, B.Sc., Ph.D. (Qld.) Appointed 1967
NEVILLE JOHN CLARK, M.Sc., Ph.D. (Melb.) Appointed 1967
ERROL FREDERICK McCLOY, M.Sc., Ph.D. (Syd.) Appointed 1967

Demonstrators:
RUSSELL CHARLES BROWN, B.Sc. (Camb.)
ALBERT WILLIAM HOVELING, B.Sc. (Qld.)

Laboratory Manager:
GRAHAM ROBERT SHEARER, B.Sc. (Adel.) Appointed 1964

MATHEMATICS:

Professors:
BRIAN ABRAHAMSON, M.Sc. (Cape T.), Ph.D. (Chic.) Appointed 1965
JOHN NEWTON DARROCH, M.A., Dip.Stats. (Camb.), Ph.D. (Cape T.) Appointed 1966
DOUGLAS BARKER SEARS, B.Sc., D.Sc. (Rand.), D.Phil. (Oxford) Appointed 1967

Reader:
ERIC WERNER ELLERS, Dr.Nat. (Hamburg) Appointed 1966

Lecturers:
ROBERT JAMES BAXTER, B.Sc. (Leeds) Appointed 1968
SAMIR KUMAR BHATTACHARYA, M.Sc. (Luck.) Appointed 1967

Visiting Fellows:
J. R. VANSTONE, M.A. (Tor.), Ph.D. (Natal)
IGOR KLUVANEK, C.Sc. (Komensky)

Senior Tutor:
WILLIAM HUGH CORNISH, B.A. (Melb.)

Tutor:
THOMAS BERNARD VAN DULKEN, B.Sc., Dip.Ed. (Adel.)

PHYSICS:

Professors:
MAXWELL HOWARD BRENNAN, B.Sc., Ph.D. (Syd.) Appointed 1964
IAN E. McCARTHY, B.Sc., Ph.D. (Adel.) Appointed 1968
STAFF

Senior Lecturers:
Eric Lionel Murray, B.Sc., Ph.D. (Adel.) Appointed Lecturer 1966; Senior Lecturer 1968

Lecturers:
John Fletcher, B.A., Ph.D. (Keele) Appointed 1965
Robin George Storer, B.Sc., Ph.D. (Adel.) Appointed 1965
William Dickson Westwood, B.Sc., Ph.D. (Aberd.) Appointed 1965
Brian Davies, B.Sc., Ph.D. (N.S.W.) Appointed 1967

Temporary Lecturers:
Stephen Sek Wen Hui, B.Sc. (W.A.) Appointed 1967

Demonstrator:
Richard Morrow, B.Sc. (Adel.)

Laboratory Manager:

THE Horace Lamb Centre for Oceanographical Research:
Director:
Jens Rainer Maria Radok, M.A. (Melb.), D.Ing. (Munich) Appointed 1965

Lecturers in Applied Mathematics:

Post-Doctoral Research Fellow:
Christopher Carl von der Borch, B.Sc., Ph.D. (Adel.)

SCHOOL OF BIOLOGICAL SCIENCES

Chairman: Professor A. M. Clark

Vice-Chairman: Professor J. A. J. Pateman

Biology:

Professors:
Avon Maxwell Clark, M.Sc. (Melb.), Ph.D. (Camb.) Appointed 1964
Maurice Raymond Atkinson, B.Sc., Ph.D. (Tas.) Appointed 1965
Alexander Beaumont Hope, B.Sc., Ph.D. (Tas.) Appointed 1965
STAFF

Senior Lecturers:
BRYAN ALWYN BARLOW, B.Sc., Ph.D. (Syd.) Appointed 1965
Nicos GEORGE MARINOS, M.S. (Iowa), Ph.D. (Adel.) Appointed 1966
GEOFFREY PUTNAM FINDLAY, B.Sc., Ph.D. (Tas.) Appointed Lecturer 1966; Senior Lecturer 1968

Lecturers:
CLIVE ELLSWORTH PRICE, B.Sc. (Sheff.), Ph.D. (Lond.) Appointed 1965
BARRY BOETTCHER, B.Sc., Ph.D. (Adel.) Appointed 1966
KEITH ELLIOTT DIXON, M.Sc. (Qld.), Ph.D. (A.N.U.) Appointed 1966
ANDREW WALTER MURRAY, B.Ag.Sc., Ph.D. (Adel.) Appointed 1967
NEIL GEOFFREY BRINK, B.Sc., Ph.D. (Tas.) Appointed 1968
LEIGH ALEXANDER BURGOYNE, B.Ag.Sc. (Adel.) Appointed 1968

Senior Demonstrator:
GILLIAN RUTH KENNEDY, B.Sc. (Belf.), Ph.D. (Adel.)

Demonstrators:
KATHLEEN KING, B.Sc. (Qld.)
ARTHUR MAURICE LUCAS, B.Sc., Dip.Ed. (Melb.)

Laboratory Manager:
JOHN GUTHRIE HOOD Appointed 1965

THE LIBRARY

Librarian:
NOEL STOCKDALE, B.A. (Melb.) Appointed 1963

Assistant Librarian (Cataloguing):
BERNADETTE MARIE THERESE BYRNE, B.A. (Adel.), A.L.A.A. Appointed 1963

Assistant Librarian (Reference):
MARGARET CAMERON, B.A. (Qld.), A.L.A.A. Appointed 1965

Assistant Librarian (Acquisitions):
ELMAR ZALUMS, B.A. (W.A.), A.L.A.A. Appointed Senior Library Assistant 1965; Assistant Librarian 1968

Senior Library Assistant:
MARGARET GRACE GINSBERG, B.A. (Rand.), Lib.Dipl. (Cape T.) Appointed 1964

Library Assistants:
CLAIRE CLARK, B.A., Dip.Ed. (Qld.) Appointed 1964
PAULINE BROWN, B.Sc. (Adel.) Appointed 1965
JENNIFER PREST, B.A. (Adel.) Appointed 1966
MARGARET ANNE CHAPMAN, B.A. (Adel.) Appointed 1967
DONALD FAIRHALL, B.A. (Melb.) Appointed 1967
STAFF

THE REGISTRY

Registrar:
HOWARD JAMES BUCHAN, B.Sc. (Syd.) Appointed Secretary 1962; Registrar 1966

ACADEMIC SECTION:
Senior Administrative Officer:
ARTHUR PATRICK KEAIN, B.A. (Adel.) Appointed 1964

Administrative Officer:
JONATHAN ALANEIL HASLAM, B.A., Dip.Ed. (Adel.) Appointed 1965

FINANCE SECTION:
Accountant:
RONALD GUY WELLINGTON, B.Com. (Melb.), A.A.S.A., J.P. Appointed Senior Administrative Assistant 1965; Accountant 1966

Senior Administrative Officers:
KEVIN DOUGLAS MILLEN, A.A.S.A. Appointed Administrative Assistant 1965; Senior Administrative Officer 1968.
DONALD ALLOOCK, A.A.S.A. Appointed Administrative Assistant 1966; Senior Administrative Officer 1968.

Administrative Officers:
ROBERT POTTER, A.A.S.A. Appointed 1966

STAFF AND SERVICES SECTION:
Assistant Registrar:
ALEXANDER JAMES ANDREWS, B.Ec. (Adel.), A.A.S.A. Appointed Senior Administrative Assistant 1965; Assistant Registrar 1967

Administrative Officers:
BRIAN GOODHIND, B.Sc.Tech. (Manc.) Appointed 1967
STEPHANIE HEMMING, B.A. (N.S.W.) Appointed 1968

Superintendent of Grounds:
LAURENCE WILFRED HARVEY Appointed 1963

Superintendent of Buildings:
PETER McALEAR Appointed 1965

STAFF ARCHITECT'S OFFICE

Staff Architect:
GEOFFREY JOHN HARRISON, B.Arch. (Syd.), A.R.A.I.A. Appointed 1962

Architect:
ERNEST MARK LETHBRIDGE, Dip.Arch. (S.A.I.T.), A.R.A.I.A. Appointed 1963

Architectural Assistant:
KEVYN GRAHAM WHISSON, Dip.Arch. (S.A.I.T.), A.R.A.I.A. Appointed 1963

Clerk of Works:
ROBERT TAYLOR Appointed 1964

22
THE UNION

Director of Union Services:
ALAN EDWARD MITCHELL, M.A. (N.Z.), J.P. Appointed 1965

Catering Manager:
ERNEST QUINTIN REES Appointed 1967

COUNSELLING SERVICE

Student Counsellor:

HEALTH SERVICE

Medical Officers (part-time):
KENNETH CHARLES CRAFTER, M.B., B.S., A.U.A. (Adel.)
JOHN LEONARD DUNSTONE, M.B., B.S. (Adel.)

UNIVERSITY AUDITORS

BURGESS, CUDMORE & PEARSON

UNIVERSITY SOLICITORS

FISHER, JEFFRIES & CO.

UNIVERSITY BANKERS

THE BANK OF ADELAIDE

FORMER PROFESSORS

History:
# PRINCIPAL DATES FOR 1968

## January

<table>
<thead>
<tr>
<th>Date</th>
<th>Day</th>
<th>Event</th>
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<tbody>
<tr>
<td>1</td>
<td>Monday</td>
<td>Public Holiday—New Year's Day</td>
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<td>22</td>
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<tr>
<td>23</td>
<td>Tuesday</td>
<td>School of Biological Sciences 3.45 p.m.</td>
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<tr>
<td>24</td>
<td>Wednesday</td>
<td>School of Language and Literature 2.00 p.m.</td>
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<tr>
<td>25</td>
<td>Thursday</td>
<td>School of Physical Sciences 2.00 p.m.</td>
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<tr>
<td>26</td>
<td>Friday</td>
<td>School of Social Sciences 3.00 p.m.</td>
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<tr>
<td>29</td>
<td>Monday</td>
<td>Public Holiday—Australia Day</td>
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<td>30</td>
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## February

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<td>5</td>
<td>Monday</td>
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<tr>
<td>6</td>
<td>Tuesday</td>
<td>Academic Committee 7.15 p.m.</td>
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<td>7</td>
<td>Wednesday</td>
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<td>8</td>
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<tr>
<td>9</td>
<td>Friday</td>
<td>Finance and Buildings Committee 2.00 p.m.</td>
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<td>12</td>
<td>Monday</td>
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<td>13</td>
<td>Tuesday</td>
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<tr>
<td>14</td>
<td>Wednesday</td>
<td>First day for enrolment of students</td>
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<td>15</td>
<td>Thursday</td>
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<tr>
<td>16</td>
<td>Friday</td>
<td>The Council 2.15 p.m.</td>
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</tbody>
</table>
PRINCIPAL DATES

19 MONDAY
20 TUESDAY School of Biological Sciences 3.45 p.m.
21 WEDNESDAY Last day for enrolment of students
School of Language and Literature 2.00 p.m.
22 THURSDAY School of Physical Sciences 2.00 p.m.
23 FRIDAY School of Social Sciences 3.00 p.m.

26 MONDAY
27 TUESDAY
28 WEDNESDAY
29 THURSDAY

March

1 FRIDAY

4 MONDAY University First term begins. Preliminary lectures and
orientation week begin
5 TUESDAY Academic Committee 7.15 p.m.
6 WEDNESDAY
7 THURSDAY
8 FRIDAY Finance and Buildings Committee 2.00 p.m.

11 MONDAY Lectures begin
12 TUESDAY
13 WEDNESDAY
14 THURSDAY
15 FRIDAY The Council 2.15 p.m.

18 MONDAY
19 TUESDAY
20 WEDNESDAY
21 THURSDAY
22 FRIDAY

25 MONDAY
26 TUESDAY School of Biological Sciences 3.45 p.m.
27 WEDNESDAY School of Language and Literature 2.00 p.m.
28 THURSDAY School of Physical Sciences 2.00 p.m.
29 FRIDAY School of Social Sciences 3.00 p.m.

April

1 MONDAY
2 TUESDAY
3 WEDNESDAY
4 THURSDAY
5 FRIDAY

8 MONDAY
9 TUESDAY Academic Committee 7.15 p.m.
10 WEDNESDAY
11 THURSDAY Finance and Buildings Committee 2.00 p.m.
12 FRIDAY Public Holiday—Good Friday
PRINCIPAL DATES

15 MONDAY  Public Holiday—Easter Monday
16 TUESDAY  
17 WEDNESDAY  
18 THURSDAY  Conferring of Degrees Ceremony 3.30 p.m.
19 FRIDAY  The Council 2.15 p.m.

22 MONDAY  School of Physical Sciences 2.00 p.m.
23 TUESDAY  School of Biological Sciences 3.45 p.m.
24 WEDNESDAY  School of Language and Literature 2.00 p.m.
25 THURSDAY  Public Holiday—Anzac Day
26 FRIDAY  School of Social Sciences 3.00 p.m.

29 MONDAY  
30 TUESDAY  

May

1 WEDNESDAY  
2 THURSDAY  
3 FRIDAY  

6 MONDAY  
7 TUESDAY  Academic Committee 7.15 p.m.
8 WEDNESDAY  
9 THURSDAY  
10 FRIDAY  Finance and Buildings Committee 2.00 p.m.
11 SATURDAY  First term ends

13 MONDAY  
14 TUESDAY  
15 WEDNESDAY  
16 THURSDAY  
17 FRIDAY  The Council 2.15 p.m.

20 MONDAY  
21 TUESDAY  
22 WEDNESDAY  
23 THURSDAY  
24 FRIDAY  

27 MONDAY  
28 TUESDAY  School of Biological Sciences 3.45 p.m.
29 WEDNESDAY  School of Language and Literature 2.00 p.m.
30 THURSDAY  School of Physical Sciences 2.00 p.m.
31 FRIDAY  School of Social Sciences 3.00 p.m.

June

3 MONDAY  Second term begins
4 TUESDAY  
5 WEDNESDAY  
6 THURSDAY  
7 FRIDAY  

26
PRINCIPAL DATES

10  MONDAY  Public Holiday—Queen's Birthday
11  TUESDAY  Academic Committee 7.15 p.m.
12  WEDNESDAY
13  THURSDAY
14  FRIDAY  Finance and Building Committee 2.00 p.m.
          Last day for payment of second term tuition fees

17  MONDAY
18  TUESDAY
19  WEDNESDAY
20  THURSDAY
21  FRIDAY  The Council 2.15 p.m.

24  MONDAY
25  TUESDAY  School of Biological Sciences 3.45 p.m.
26  WEDNESDAY  School of Language and Literature 2.00 p.m.
27  THURSDAY  School of Physical Sciences 2.00 p.m.
28  FRIDAY  School of Social Sciences 3.00 p.m.

July

1  MONDAY
2  TUESDAY
3  WEDNESDAY
4  THURSDAY
5  FRIDAY

8  MONDAY
9  TUESDAY  Academic Committee 7.15 p.m.
10  WEDNESDAY
11  THURSDAY
12  FRIDAY  Finance and Buildings Committee 2.00 p.m.

15  MONDAY
16  TUESDAY
17  WEDNESDAY
18  THURSDAY
19  FRIDAY  The Council 2.15 p.m.

22  MONDAY
23  TUESDAY  School of Biological Sciences 3.45 p.m.
24  WEDNESDAY  School of Language and Literature 2.00 p.m.
25  THURSDAY  School of Physical Sciences 2.00 p.m.
26  FRIDAY  School of Social Sciences 3.00 p.m.

August

1  THURSDAY
2  FRIDAY
3  SATURDAY  Second term ends
PRINCIPAL DATES

5 MONDAY
6 TUESDAY Academic Committee 7.15 p.m.
7 WEDNESDAY
8 THURSDAY
9 FRIDAY Open Day. Finance and Buildings Committee 2.00 p.m.
10 SATURDAY Open Day

12 MONDAY
13 TUESDAY
14 WEDNESDAY
15 THURSDAY
16 FRIDAY The Council 2.15 p.m.

19 MONDAY
20 TUESDAY
21 WEDNESDAY
22 THURSDAY
23 FRIDAY

26 MONDAY Third term begins
27 TUESDAY School of Biological Sciences 3.45 p.m.
28 WEDNESDAY School of Language and Literature 2.00 p.m.
29 THURSDAY School of Physical Sciences 2.00 p.m.
30 FRIDAY School of Social Sciences 3.00 p.m.

September

2 MONDAY
3 TUESDAY
4 WEDNESDAY
5 THURSDAY
6 FRIDAY Last day for payment of third term tuition fees

9 MONDAY
10 TUESDAY Academic Committee 7.15 p.m.
11 WEDNESDAY
12 THURSDAY
13 FRIDAY Finance and Buildings Committee 2.00 p.m.

16 MONDAY
17 TUESDAY
18 WEDNESDAY
19 THURSDAY
20 FRIDAY The Council 2.15 p.m.

23 MONDAY
24 TUESDAY School of Biological Sciences 3.45 p.m.
25 WEDNESDAY School of Language and Literature 2.00 p.m.
26 THURSDAY School of Physical Sciences 2.00 p.m.
27 FRIDAY School of Social Sciences 3.00 p.m.

30 MONDAY

28
### October

<table>
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<th>Date</th>
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<tr>
<td>7</td>
<td>Monday</td>
<td>Academic Committee 7.15 p.m.</td>
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<td>10</td>
<td>Thursday</td>
<td>Finance and Buildings Committee 2.00 p.m.</td>
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<td>14</td>
<td>Monday</td>
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<td>18</td>
<td>Friday</td>
<td>The Council 2.15 p.m.</td>
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<td>Most lectures end</td>
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<td>School of Biological Sciences 3.45 p.m.</td>
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<td>School of Language and Literature 2.00 p.m.</td>
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<td>School of Physical Sciences 2.00 p.m.</td>
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<td>School of Social Sciences 3.00 p.m.</td>
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### November

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<td>Friday</td>
<td>Finance and Buildings Committee 2.00 p.m.</td>
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<td>The Council 2.15 p.m.</td>
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</table>
PRINCIPAL DATES

25 MONDAY
26 TUESDAY School of Biological Sciences 3.45 p.m.
27 WEDNESDAY School of Language and Literature 2.00 p.m.
28 THURSDAY School of Physical Sciences 2.00 p.m.
29 FRIDAY School of Social Sciences 3.00 p.m.

December

2 MONDAY
3 TUESDAY
4 WEDNESDAY
5 THURSDAY
6 FRIDAY
9 MONDAY
10 TUESDAY Academic Committee 7.15 p.m.
11 WEDNESDAY
12 THURSDAY
13 FRIDAY Finance and Buildings Committee 2.00 p.m.
16 MONDAY
17 TUESDAY
18 WEDNESDAY
19 THURSDAY
20 FRIDAY The Council 2.15 p.m.
23 MONDAY
24 TUESDAY
25 WEDNESDAY Public Holiday—Christmas Day
26 THURSDAY
27 FRIDAY
30 MONDAY Public Holiday—Proclamation Day
31 TUESDAY

TERM DATES FOR 1969

MONDAY 10th March First term begins
MONDAY 17th March Lectures begin
SATURDAY 17th May First term ends
MONDAY 9th June Second term begins
SATURDAY 9th August Second term ends
MONDAY 1st September Third term begins
SATURDAY 1st November Third term ends
MONDAY 10th November Annual examinations begin
THE FLINDERS UNIVERSITY OF SOUTH AUSTRALIA ACT

No. 23 of 1966

An Act for the establishment and incorporation of a University to be known as "The Flinders University of South Australia" and for purposes connected therewith.

[Assented to 17th March, 1966.]

Short title and commencement

1. This Act may be cited as "The Flinders University of South Australia Act, 1966", and shall come into operation on a day to be fixed by proclamation.

Interpretation

2. In this Act, unless some other meaning is clearly intended—

"academic staff" means all professors, readers, senior lecturers and lecturers of The Flinders University of South Australia:

"appointed day" means the appointed day referred to in subsection (1) of section 30 of this Act:

"Convocation" means the Convocation of The Flinders University of South Australia:

"Council" means the Council of The Flinders University of South Australia:

"University" means The Flinders University of South Australia established and incorporated under this Act:

"University grounds" means the lands in the municipalities of Mitcham and Marion used by The Flinders University of South Australia for purposes of education or scientific purposes, or both, and includes all roads, ways, tracks, paths, open spaces and buildings on, and appurtenances to, the said lands.

Establishment and incorporation of "The Flinders University of South Australia"

3. (1) There shall be established in South Australia a University to be known as "The Flinders University of South Australia".

(2) The University shall consist of a Council and a Convocation.

(3) The University shall be a body corporate by the name of "The Flinders University of South Australia" and by that name—

(a) shall have perpetual succession;

(b) shall adopt and have a common seal;

(c) shall sue and be sued in all courts in South Australia;

(d) shall be capable in law to take, purchase and hold all personal property whatsoever;

(e) shall be capable in law to receive, take, purchase and hold for ever not only such lands, buildings, hereditaments and possessions as may from time
THE FLINDERS UNIVERSITY ACT

to time be exclusively used or occupied for the immediate requirements of
the University, but also any other lands, buildings, hereditaments and pos-
sessions whatsoever, situated in South Australia or elsewhere;
(f) shall, subject to subsection (4), be capable in law to grant, demise,
alienate or otherwise dispose of, all or any of the real or personal property
belonging to the University; and
(g) shall be capable in law to do all other matters and things incidental or
appertaining to a body corporate.
(4) The University shall not alienate, mortgage, charge, or demise any
lands, tenements, or hereditaments of the University unless with the
approval of the Governor except by way of lease for any term not exceeding
twenty-one years from the time when the lease is made in and by which there
is reserved during the whole of the term, the highest rent that can be reason-
ably obtained for the same.

Functions of the University

4. The functions of the University shall, within the limits of its resources,
include—
(a) the provision of educational facilities at university standards for per-
sons who being eligible to enrol seek the benefits of such facilities;
(b) the establishment of such facilities as the University deems desirable for
the provision of courses of study, whether within the University or else-
where, for evening students, giving instruction to and the examination of
external students, providing courses of study or instruction at such levels
of attainment as the Council deems appropriate to meet the special
requirements of industry, commerce or any other section of the community;
(c) the dissemination of knowledge and the promotion of scholarship
otherwise than as hereinbefore provided.

The Council

5. (1) The Council shall have and may exercise and discharge the powers,
authorities, duties and functions conferred and imposed upon the Council
by or under this Act.
(2) The governing authority of the University shall be the Council.
(3) The Council shall consist of not more than twenty-seven members as
follows:—
(a) the Chancellor ex officio;
(b) the Vice-Chancellor ex officio;
(c) the Director of Education ex officio;
(d) five members elected by the Parliament of South Australia in the
manner provided in sections 6 and 7 of this Act;
(e) three members appointed by the Governor in the manner provided by
sections 8 and 9 of this Act;
(f) two professors of the University and two members of the academic staff
of the University who are not professors elected by the academic staff of the
University in the manner provided by section 10 of this Act;
(g) the President of the Students Representative Council ex officio;
(h) eight members elected by Convocation in the manner provided by
sections 11 and 12 of this Act; and
(i) not more than three members co-opted by the Council in the manner
provided in section 15 of this Act.

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(4) The President of the Students Representative Councill shall not by virtue of his membership of the Council be entitled to be present at a meeting of the Council when matters relating to the appointment, conditions of service and discipline of members of the academic staff and matters relating to academic courses are being discussed or decided and the Council may order that he is not to be present at any such meeting when such matters are being discussed or considered or may be present subject to such conditions as the Council may determine.

(5) Any member who is an appointed member, an elected member or an ex officio member by virtue of paragraphs (e), (f) and (g) of subsection (8) of this section shall not be regarded as a delegate of the organization or body by which he is elected or nominated or in which he holds office.

Election of members of Council by Parliament

6. (1) Of the five members of the Council appointed by Parliament two shall be appointed by the Legislative Council, and three by the House of Assembly.

(2) The said members shall be appointed by ballot.

(3) No person shall be eligible for appointment under this section unless he is a member of the House of Parliament by which he is appointed.

Time of appointment and tenure of office

7. (1) At the commencement of this Act and at the beginning of every Parliament five members of the Council shall be appointed in the manner provided in section 6 of this Act.

(2) Upon the notification, in the manner mentioned in subsection (5) of this section, of the appointment by either House of Parliament of members as mentioned in subsection (1) of this section the members of the Council appointed by that House and then in office shall retire; but any member so appointed shall be eligible for re-appointment from time to time.

Effect of Council member ceasing to be member of Parliament

(3) In case any member of the Council appointed by either House of Parliament ceases to be a member of the House of Parliament which appointed him, otherwise than by the expiration or dissolution of Parliament, he shall thereupon cease to be a member of the Council.

(4) When a vacancy in the office of a member of the Council appointed by either House of Parliament occurs through death, resignation, or otherwise, a member to fill the vacancy shall be appointed by the House of Parliament which appointed the member whose office has become vacant. The member so appointed shall hold office for the remainder of the term of office of the person in whose place he is appointed.

President’s or Speaker’s notice of appointment to be conclusive

(5) A notice in writing addressed to the Chancellor, and signed by the President or Deputy President of the Legislative Council or by the Speaker or Deputy Speaker of the House of Assembly, as the case may be, certifying that the person or persons therein named has or have been appointed by Parliament a member or members of the Council, shall be conclusive evidence of the matters therein stated, and of the validity of the appointment.
THE FLINDERS UNIVERSITY ACT

Appointment of members of Council by Governor

8. Of the three members of the Council appointed by the Governor one shall be nominated by the Adelaide Chamber of Commerce Incorporated and the South Australian Chamber of Manufactures Incorporated jointly and one shall be nominated by the United Trades and Labor Council of South Australia.

Tenure of office

9. (1) Members of the Council appointed by the Governor shall hold office for three years from the dates of their respective appointments and shall then be eligible for re-appointment.

Filling of vacancies

(2) When a vacancy occurs, by death, resignation, or otherwise, the Governor shall appoint another member to serve the remainder of the term of office of the person in whose place he is appointed.

Election of members of Council by the academic staff

10. (1) Subject to subsection (2) of this section members of the Council elected by the academic staff of the University shall hold office for four years from the dates of their respective appointments and shall then be eligible for re-appointment.

(2) In the case of the first elections by the academic staff, one professor and one member of the academic staff who is not a professor shall serve for a term of two years and one professor and one member of the academic staff who is not a professor for a term of four years as decided by ballot.

(3) When a vacancy occurs by death, resignation, or otherwise, the academic staff of the University shall elect another professor, or member of the academic staff who is not a professor, as the case may be, to serve the remainder of the term of office of the person in whose place he is elected.

Election of members of Council by Convocation

11. (1) Until such time as Convocation is constituted in accordance with sections 13 and 17 of this Act, the members of the Council elected by the Senate of the University of Adelaide shall consist of four persons who are members of the academic staff of the University and four persons who are not employed by the University elected in accordance with the rules set out in section 12 of this Act.

(2) From the first day of July, 1971, Convocation shall elect eight members to the Council without any restriction or limitation whatsoever.

Election by Convocation

12. Subject to section 13, the members of the Council elected by Convocation shall be elected in accordance with the following rules:

(1) At the expiration of every year two members of the Council elected by Convocation who have been longest in office shall retire, but shall be eligible for re-election, and if more members shall have been in office for the same period the order of their retirement shall be decided by ballot.

(2) All vacancies which shall occur in the Council by death, resignation, or otherwise, shall be filled as they may occur, by the election of such persons as the Convocation shall elect by postal ballot of all the members.
(3) If the Convocation fails to elect a person to fill a vacancy in the Council within six months of the occurrence of the vacancy, the Governor may nominate a person to fill the vacancy.

Convocation to be constituted in 1971

13. Convocation shall be constituted in accordance with section 17 of this Act on the first day of July, 1971, and shall elect members of the Council to take office in the first instance in 1972.

Transitional election to be made by Senate of Adelaide University until Convocation constituted

14. Subject to this Act, until such time as Convocation is constituted the election of members of the Council shall be made by the Senate of the University of Adelaide except that in the case of the first elections by the Senate, two members shall serve for one year, two members for two years, two members for three years and two members for four years, as decided by ballot.

Co-option of members of Council by Council

15. Members of the Council co-opted by the Council shall hold office for three years from the dates of their respective co-options and shall then be eligible for co-option for further terms of three years.

Election of Chancellor and Vice-Chancellor

16. (1) Subject to subsection (2) of this section the Council shall appoint a Chancellor whenever a vacancy occurs in that office by death, resignation, expiration of tenure, or otherwise, and shall appoint a Vice-Chancellor whenever a vacancy occurs in that office by death, resignation, expiration of tenure, or otherwise.

(2) The Principal of the University of Adelaide at Bedford Park shall be the first Vice-Chancellor of the University.

(3) The Chancellor shall hold office for five years, or for such other term as shall be fixed by the Statutes and Regulations of the University made previously to his election.

(4) Subject to subsection (5) of this section, the Vice-Chancellor (including the first Vice-Chancellor) shall hold office on such terms and conditions and at such salary as the Council from time to time determines.

(5) Any alteration made by the Council in the salary or the terms and conditions of the service of the Vice-Chancellor shall not, unless the Vice-Chancellor in office at the time of the alteration consents, have effect until his term of office has expired or otherwise determined.

Convocation

17. (1) Convocation shall consist—

(a) of all persons admitted to a degree constituted by the University by Statute or Regulation of the status of a Bachelor, a Master or a Doctor; and

(b) such other persons being graduates of another University, as the Council may from time to time appoint.

(2) Convocation shall have and may exercise and discharge such powers, authorities, duties and functions as may be laid down by Statutes or Regulations.

(3) Convocation shall, every year, or whenever a vacancy shall occur, elect a President out of their own body.
Conduct of business in Council and Convocation

18. (1) All questions which shall come before the Council or Convocation respectively shall be decided by the majority of the members present.
(2) The Chairman at any meeting of the Council or Convocation shall have a vote, and in the case of an equality of votes, a casting vote.
(3) No question shall be decided at any meeting of the Council unless six members thereof be present, or at any meeting of the Convocation unless twenty members thereof be present.
(4) At every meeting of the Council the Chancellor, or in his absence the Vice-Chancellor, shall preside as Chairman, and at every meeting of Convocation the President shall preside as Chairman, and in the absence of the Chancellor and Vice-Chancellor, the members of the Council present, and in the absence of the President, the members of Convocation present, shall elect a Chairman.

Management of the University

19. The Council shall have full power to appoint and dismiss all members of the academic staff, examiners, officers, and servants of the University, and shall have the entire management and superintendence over the affairs, concerns and property thereof, subject to the Statutes and Regulations of the University.

Power to make Statutes

20. (1) The Council shall have full power to make, alter, and repeal any Statutes and Regulations (so far as the same be not repugnant to any existing law or to the provisions of this Act) touching any of the following purposes, namely:
(i) any election;
(ii) the discipline of the University;
(iii) the number, stipend, and manner of appointment and dismissal of the members of the academic staff, examiners, officers, and servants of the University;
(iv) the matriculation of students;
(v) examinations for fellowships, scholarships, prizes, exhibitions, degrees or honours, and the granting of the same respectively;
(vi) the fees to be charged for matriculation, or for any examination or degree and for attendance at lectures or classes and for any other purpose authorized by this Act;
(vii) lectures or classes;
(viii) the manner and time of convening the meetings of the Council and Convocation;
(ix) the constitution of any degree;
(x) the admission, without examination, to degrees which the University has power to confer, of persons who have graduated at any other University;
(xi) residential accommodation for students;
(xii) the affiliation to or connection with the University of any college or educational establishment with the consent of the governing body of any such college or educational establishment, and the licensing and supervision of boarding-houses intended for the reception of students, and the revocation of the said licences except that no Statute or Regulation made pursuant to this paragraph shall affect the religious observances or regulations
enforced in any such colleges, educational establishments, or boarding-houses;

(xiii) the constitution of such boards and committees as are considered necessary to carry out the general purposes of this Act; and

(xiv) in general, all other matters whatsoever regarding the University.

(2) No new statute or regulation or alteration or repeal of any statute or regulation including any statute or regulation continued by virtue of section 34 of this Act shall be of any force until approved by Convocation. The provisions of this subsection shall not apply until such time as Convocation is constituted in accordance with sections 13 and 17 of this Act.

(3) All Statutes and Regulations made pursuant to this section shall be reduced into writing and shall, after the common seal of the University has been affixed thereto, be submitted to the Governor to be allowed and countersigned by him. After any Statute or Regulation has been allowed and countersigned by the Governor, it shall be binding upon the University and upon all candidates for degrees to be conferred by the University, and upon all members of the academic staff, examiners, officers, graduates, diploma-holders, and servants of the University, and upon all students of the University.

(4) (i) The Council may make by-laws not inconsistent with this Act for all or any of the following purposes:—

(a) to prohibit persons from trespassing on the University grounds;

(b) to prevent damage to the University grounds and any fixtures, chattels, trees, shrubs, bushes, flowers, gardens and lawns on or in those grounds;

(c) to regulate speed at which vehicles may be driven on the University grounds;

(d) to prohibit the dangerous or careless driving of vehicles on the University grounds;

(e) to prohibit the driving on the University grounds of vehicles the weight of which when laden exceeds the amount prescribed in the by-laws;

(f) to prescribe the route to be followed by traffic on roads, ways or tracks within the University grounds and the specific gates which may be used for the entrance and exit of vehicles and pedestrians and to require the observance of one-way traffic rules on specific roads, ways, or tracks;

(g) to prohibit or regulate the parking, ranking, placing and arranging of vehicles on University grounds and to empower authorized persons to remove any vehicle from the University grounds without assigning any reason;

(h) generally to regulate traffic of all kinds on the University grounds;

(i) to prohibit disorderly conduct or indecent language by persons on the University grounds and to empower authorized persons to remove from those grounds persons guilty of disorderly conduct or indecent language thereon;

(j) to prohibit, restrict or regulate the consumption of alcoholic liquor on the University grounds and the bringing of alcoholic liquor on to those grounds, and to empower authorized persons to remove from the University grounds any intoxicated person and to search the University grounds and vehicles thereon for alcoholic liquor and to seize any liquor reasonably suspected of having been brought on to the University grounds contrary to any by-law;
(k) to empower the Council to confiscate any liquor brought on to the University grounds contrary to any by-law;

(l) to prevent persons from climbing on fences or buildings or walking over gardens or lawns on the University grounds;

(m) to regulate the conduct of open air and indoor meetings held on the University grounds;

(n) to prevent the interruption of lectures or meetings by noise or unseemly behaviour on the University grounds whether in or outside of buildings and to prevent undue noise from motor vehicles on the University grounds;

(o) to prescribe fines recoverable summarily not exceeding twenty pounds for any contravention of any by-law;

(p) to empower the University to recover summarily compensation for any damage done to the University grounds; and

(q) to prescribe all matters which are required by this Act to be prescribed by by-law or are otherwise necessary or convenient for giving effect to this Act.

(ii) The Council may declare in any such by-law that it shall apply to a part only of the University grounds specified therein, and it shall so apply accordingly.

(iii) In this section, "authorized person" means a person appointed by the Council to be an authorized person for the purposes of this section.

(iv) The Council may appoint any person to be an authorized person for the purposes of this section, and may, at will, revoke any such appointment.

(5) No by-law shall be made—

(a) except at a meeting of the Council of which at least fourteen days' prior notice in writing has been sent by post to each member of the Council specifying the by-laws intended to be proposed; or

(b) unless a majority of all the members of the Council vote at the meeting in favour of the proposed by-law.

(6) (i) Every by-law—

(a) shall be submitted to the Governor for confirmation and shall be of no force until confirmed;

(b) after confirmation shall be published in the Gazette at the expense of the University;

(c) shall, subject to paragraph (ii) hereof, take effect from the day of that publication or from any later day fixed by the by-law; and

(d) shall be laid before each House of Parliament within the first fourteen sitting days of that House after the said publication.

(ii) If either House of Parliament passes a resolution disallowing any by-laws of which resolution notice has been given at any time within fourteen sitting days of that House after the by-law has been laid before it the by-law shall thereupon cease to have any effect, but without affecting the validity or curing the invalidity of anything done or omitted in the meantime. This paragraph shall apply although all the fourteen sitting days, or some of them, do not occur in the same session of Parliament as that in which the by-law is laid before the House.

(iii) When a resolution has been passed as mentioned in paragraph (ii) of this subsection notice of the resolution shall forthwith be published in the Gazette.
(7) When a by-law has been confirmed by the Governor and published in the *Gazette* all conditions precedent to the making thereof shall be conclusively deemed to have been fulfilled.

(8) (i) The Council shall set out the substance of all its by-laws respecting traffic on a notice board at each entrance which leads directly from a road or street to the University grounds and is ordinarily used by vehicular traffic.

(ii) Failure to comply with paragraph (i) of this subsection shall not affect the validity or operation of any by-law.


(10) No by-laws under this Act shall take away or restrict any liability, civil or criminal, arising under any provision of any other Act or at common law.

(11) In any proceedings for any contravention of any by-law the allegation in the complaint that any place was on the University grounds shall be *prima facie* evidence of the fact alleged.

(12) Where a contravention of any by-law made by the Council in exercise of the powers conferred by subsection (4) of section 20 of this Act has been committed by any student of the University, the Council, instead of charging him with such contravention in a court of summary jurisdiction, may direct that he be charged with such contravention before such disciplinary body as may be constituted by the Council and if such disciplinary body when constituted finds that offence to be proved, it may punish the offender in any of the ways mentioned in the Statute made by the Council prescribing the functions, powers and punishments of such disciplinary body.

**Power to confer degrees**

21. (1) The University shall have power to confer upon any person after examination and in accordance with the Statutes and Regulations of the University such degrees as may be constituted by Statute or Regulation.

(2) The University shall have power, without examination, but in accordance with the Statutes and Regulations of the University, to admit to degrees which the University has power to confer, persons who have graduated at any other University.

(3) The University shall have power to admit any person *honoris causa* to any degree, whether or not he has graduated at a University.

**Residence of undergraduates**

22. Every student being an undergraduate shall, if the Council so requires, during such times as he is attending classes and lectures at the University dwell with his parent or guardian or with some person selected by his parent or guardian and approved by the Vice-Chancellor or in some educational establishment affiliated with the University or in a hostel or hall established or controlled by the Council or in premises licensed pursuant to the Statutes or Regulations.

**No religious test to be administered**

23. No religious test shall be administered to any person in order to entitle him to be admitted as a student of the University, or to hold office therein, or to graduate thereat, or to hold any advantage or privilege thereof.
Governor to be visitor

24. The Governor shall be the visitor of the University and shall have authority to do all things which appertain to visitors as often as to him shall seem meet.

Payments annually by Treasurer for establishment and maintenance of University

25. In every financial year there shall be paid to the University out of moneys provided by Parliament for the purpose such sums as the Treasurer thinks necessary for the purpose of—

(a) formation of grounds, erection of buildings, purchase of equipment and other expenses in relation to the University;
(b) maintaining the University;
(c) paying the salaries of academic staff, examiners, officers and servants of the University;
(d) defraying the expenses of fellowships, scholarships, prizes and exhibitions awarded for encouragement of students in the University;
(e) providing a library; and
(f) discharging all necessary charges connected with the management of the University.

Borrowing by Council

26. (1) Subject to this Act, the Council may—

(a) borrow money at interest by way of mortgage, bank overdraft or otherwise—

(i) for the purpose of carrying out or performing any of its powers, authorities, duties and functions; and
(ii) for the repayment or partial repayment of any sum previously borrowed,

within such limits and upon such conditions as the Governor upon the recommendation of the Treasurer may from time to time approve; and

(b) mortgage, charge or enter into any other transaction for making any or its property security for any such loan.

(2) Any moneys of the University may be invested by the Council from time to time in any manner of investment authorized by the Council (whether an authorized trustee investment or otherwise).

Annual report

27. (1) The Council shall, during the month of June in every year, present to the Governor a report of the proceedings of the University during the previous year.

(2) The report shall contain a full account of the income and expenditure of the University, audited in such manner as the Governor may direct.

(3) A copy of every report made pursuant to this section, and of every Statute and Regulation of the University allowed by the Governor pursuant to this Act, shall be laid in every year before Parliament.

University to be exempt from land tax

28. Notwithstanding anything contained to the contrary in any Act or any rules or regulations made thereunder, all land in respect of which the University, or any person as trustee therefor, would, but for this section, be liable
to pay tax to the State of South Australia, shall be exempt from taxation by the said State.

**Transitional provisions—vesting of property**

29. (1) All real and personal property which was vested in the University of Adelaide and held or used by the University of Adelaide for the purpose of its activities at Bedford Park shall by virtue of this Act be divested from the University of Adelaide and shall vest in the University.

(2) For the purpose of giving effect to subsection (1) of this section the Registrar-General shall upon the application of the Council of the University make all necessary entries in the Register Book.

(3) All property vested in the University by this section shall be held by it subject to the conditions or trusts on which it was held immediately before such vesting save that any reference in any such conditions or trusts to the University of Adelaide shall be read and construed as a reference to the University.

(4) All rights accruing or accrued to the University of Adelaide in respect of any property vested in the University by operation of this section are hereby vested in the University and shall be the rights of the University.

(5) All liabilities of the University of Adelaide in respect of any property vested in the University by operation of this section shall be the liabilities of the University.

**Transitional financial provisions**

30. (1) The appointed day for the purposes of this section shall be the day at the end of the calendar year in which this Act commences or the end of the third month after the commencement of this Act, whichever is the later.

(2) During the period after the commencement of this Act, and before the appointed day, it shall be lawful for the University of Adelaide—

(a) to receive for and on account of the University any revenues or other moneys proffered which may be due to the University and either to pay such moneys to the University or to retain them pending settlement in accordance with subsection (4) of this section; and

(b) to pay to the University at its discretion any amount of fees, grants or other moneys received prior to the commencement of this Act for the purposes of its activities at Bedford Park and which may be required to meet liabilities of the University after the commencement of this Act.

(3) As soon as practicable after the appointed day the University of Adelaide shall prepare and deliver to the University a statement of accounts as at that day, which shall be certified by its auditors, showing in respect of its activities at Bedford Park—

(a) the total of its payments for capital purposes in respect of the period prior to the commencement of this Act but not earlier than the first day of January, One thousand nine hundred and sixty-four, and recorded as such in its books of account;

(b) the total of its payments for recurrent purposes during that part of the calendar year in which this Act commenced which was prior to the commencement of this Act, and recorded as such in its books of account;

(c) the total of all payments referred to in paragraph (b) of subsection (2) of this section;
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(d) the total amount of moneys from—
(i) Commonwealth and State grants; and
(ii) fees and other moneys
which have been received by the University of Adelaide for the purposes referred to in paragraphs (a) and (b) of this subsection; and
(e) the balance of any receipts referred to in paragraph (a) of subsection (2) of this section which the University of Adelaide has not paid to the University.

(4) If the total amount of moneys received by the University of Adelaide as referred to in paragraph (d) of subsection (3) of this section together with the balance of any receipts as referred to in paragraph (e) of that subsection exceeds the total amount of expenditure by the University of Adelaide as referred to in paragraphs (a), (b) and (c) of subsection (3) of this section, the University of Adelaide shall pay to the University the amount of the excess, but if the total amount of such payments exceeds the total amount of such moneys received, the University shall pay to the University of Adelaide the amount by which the total of payments exceeds the total of the moneys received. Such payments to or by the University shall, subject to subsection (5) of this section, be made within two months of the delivery to the University of the certified statement of accounts.

(5) Nothing in the provisions of this section shall prevent the University at its discretion making any payments to the University of Adelaide as advance payments in partial settlement of any liabilities likely to be incurred under the provisions of subsection (4) of this section.

Powers of Governor during transitional period

(6) If in consequence of the coming into operation of this Act any doubt, difficulty or difference arises respecting liability to make any payments under this Act the Governor may, by proclamation, make any order or declaration for the purpose of removing that doubt or difficulty or settling that difference and the provisions of that proclamation shall be as valid and effectual to all intents and purposes as if the matters therein provided for had been provided for by this Act.

Continuity of employment of former employees of Adelaide University

31. (1) Every person who, immediately before the commencement of this Act, held any salaried office or employment in the University of Adelaide and who had been appointed to such office or employment for the purpose of its activities at Bedford Park shall become and be an officer or employee of the University on such terms and conditions as the Council may determine, but such terms and conditions shall not be less favourable than those upon which he held that office or employment.

Assignment of policies of life assurance, transfer of funds, etc.

32. (1) Upon the commencement of this Act the University of Adelaide shall—
(a) assign to the University every policy of life assurance vested in the University of Adelaide pursuant to any superannuation scheme in respect of a person to whom section 31 of this Act applies;
(b) transfer to the University all funds (not being funds in respect of life assurance policies) vested in the University of Adelaide pursuant to any
superannuation scheme in respect of a person to whom section 31 of this Act applies; and
(c) pay to the University a sum equal to the total amount contributed to the Invalidity Fund of the University of Adelaide by every person to whom section 31 of this Act applies.

(2) Upon the commencement of this Act every guarantee given by the University of Adelaide in respect of any liability of any person to whom section 31 of this Act applies shall be deemed to be a guarantee given by the University.

Contracts, etc., deemed to be made with University

33. (1) Save as is provided by section 32 of this Act all contracts, agreements or engagements entered into before the commencement of this Act by any person or persons with the University of Adelaide in relation to its property or activities at Bedford Park shall upon the commencement of this Act be deemed to have been entered into with the University.
(2) This section shall not apply to any policy of insurance taken out by the University of Adelaide before the commencement of this Act.

Statutes and Regulations to continue in force

34. All Statutes and Regulations of the University of Adelaide in relation to its activities at Bedford Park in force immediately before the commencement of this Act shall remain in force as Statutes and Regulations of the University until replaced by Statutes and Regulations enacted by the Council and allowed by the Governor.

THE FLINDERS UNIVERSITY OF SOUTH AUSTRALIA ACT AMENDMENT ACT

No. 53 of 1966

An Act to amend The Flinders University of South Australia Act, 1966.

[Assented to 3rd November, 1966.]

Short titles

1. (1) This Act may be cited as “The Flinders University of South Australia Act Amendment Act, 1966”.
(2) The Flinders University of South Australia Act, 1966, as amended by this Act, may be cited as “The Flinders University of South Australia Act, 1966”.
(3) The Flinders University of South Australia Act, 1966, is hereinafter referred to as “the principal Act”.

Incorporation

2. This Act is incorporated with the principal Act and that Act and this Act shall be read as one Act.
AMENDMENT ACT

Amendment of principal Act, s. 11—Election of members of Council by the Senate of the University of Adelaide

3. Section 11 of the principal Act is amended by striking out the passage "section 12" therein and inserting in lieu thereof the passage "section 14".

Repeal and re-enactment of s. 12 of principal Act—Members elected by the Senate of the University of Adelaide to remain in office until 1972

4. Section 12 of the principal Act is repealed and re-enacted as follows:

12. (1) The eight members of the Council elected by the Senate of the University of Adelaide on the first day of July, 1966, pursuant to section 11 of this Act shall, subject to subsection (4) of this section, and unless they shall sooner die, resign or otherwise vacate their office, remain and continue in office until the result of the election referred to in section 13 of this Act shall have been declared.

(2) Any vacancy among the said eight members that shall, prior to the holding of the election referred to in section 13 of this Act, occur in the Council, by reason of death, resignation or otherwise, may, subject to subsection (3) of this section, be filled by an appointment made by the Council and the person so appointed shall serve the remainder of the term of office of the member in whose place he was appointed; but no such appointment shall take effect until the person so appointed shall have consented in writing thereto.

(3) Any person appointed pursuant to subsection (2) of this section shall, if the person whose place he is taking was a member of the academic staff of the University be a member of the academic staff of the University, but if the person whose place he is taking was a person not employed by the University, he shall be a person not employed by the University as is referred to in section 11 of this Act.

(4) If any person elected pursuant to section 11 of this Act or appointed by the Council pursuant to subsection (2) of this section shall cease to be a member of the academic staff of the University or cease to be a person not employed by the University, as the case may be, he shall thereupon cease to be a member of the Council.

(5) For the purposes of subsections (2) and (3) of section 14 of this Act the eight members of the Council (whether elected in accordance with section 11 of this Act or appointed in accordance with subsection (2) of this section) shall be regarded as having held office for the same length of time.

Repeal and re-enactment of s. 14 of principal Act—Election by Convocation

5. Section 14 of the principal Act is repealed and re-enacted as follows:

14. The members of the Council elected by Convocation shall be elected in accordance with the following rules:

(1) At the first and each subsequent election by Convocation four members shall be elected to the Council.

(2) Prior to the first election by Convocation as is referred to in section 13 of this Act a ballot shall be held among the members of the Council referred to in subsection (1) of section 12 of this Act to determine which four of those members shall retire, and the four members so determined shall retire at the first election but shall be eligible for re-election.

(3) At the expiration of every second year thereafter the four members of the Council elected by Convocation or pursuant to section 11 of this Act
or appointed pursuant to subsection (2) of section 12 of this Act who have been longest in office shall retire, but shall be eligible for re-election, and if more than four members shall have been in office for the same length of time the order of their retirement shall be decided by ballot.

(4) All vacancies which shall occur in the Council by death, resignation or otherwise, shall be filled as they may occur, by the election of such persons as Convocation shall elect by postal ballot.

(5) If Convocation fails to elect a person to fill a vacancy in the Council within six months of the occurrence of the vacancy, the Governor may nominate a person to fill the vacancy.

BY-LAWS
MADE UNDER THE FLINDERS UNIVERSITY OF SOUTH AUSTRALIA ACT 1966

1. In these by-laws—
“Authorised person” means a person appointed by the Council to be an authorised person for the purposes of section 20 of The Flinders University of South Australia Act 1966.
“Delegate” means a person appointed by the Council to be a delegate for the purposes of these by-laws, or for the purpose of the by-laws in relation to which the expression is used.
“Council” means the Council of The Flinders University of South Australia.
“Road” includes way and track.
“University” means The Flinders University of South Australia.
“University grounds” includes the lands in the municipalities of Mitcham and Marion used by the University for purposes of education or scientific purposes, or both, and all roads, ways, paths, tracks, lakes, pools, open spaces and buildings on, and all appurtenances to, the said lands.
“Vehicle” includes any motor car, motor truck, motor cycle, aircraft, carriage, cart, bicycle or other vehicle of whatsoever kind or nature and howsoever ridden, driven or propelled.

2. (1) No person shall trespass on the University grounds.
(2) Every person reasonably suspected by an authorised person of trespassing on the University grounds—
(a) shall give his name and address to that authorised person upon being requested to do so;
(b) shall forthwith leave the University grounds if requested to do so by that authorised person.

3. (1) No person shall wilfully damage the University grounds or any part thereof or any fixtures, chattels, trees, shrubs, bushes, flowers, gardens or lawns on or in those grounds.
(2) No person shall on any part of the University grounds—
(a) remove or interfere with any stake or label on or near any tree, shrub, plant or flower;
BY-LAWS

(b) walk on or over any bed containing or being prepared for flowers or shrubs;
(c) walk on or over any lawn in contravention of any notice posted thereon;
(d) enter or walk on or over any part of the University grounds which is temporarily enclosed and on which is posted a notice prohibiting persons from entering or walking thereon; or
(e) interfere with or climb upon any fence, building, or erection, or any fixed or movable thing.
(3) This by-law shall not apply to employees of the University acting in the course of their employment.

4. No person shall drive any vehicle within the University grounds at a speed exceeding 35 miles an hour.

5. When the Council has fixed a speed limit for any specified road within the University grounds and notices are posted on such road indicating such speed limit, no person shall drive any vehicle on such road at any higher speed.

6. No person shall drive any vehicle within the University grounds in a dangerous or careless manner, or without reasonable consideration for other persons in the vicinity.

7. No person unless authorised by the architect supervising any University works shall drive on the University grounds any vehicle which when laden exceeds 4 tons in weight.

8. No person shall park or leave any vehicle in any place in the University grounds unless the permission of the Council or its delegate has previously been given for the parking or leaving of such vehicle in such place.

9. The driver of any vehicle within the University grounds, or any person reasonably suspected by an authorised person of having parked or left a vehicle at any place in the University grounds, shall give his name and address to any authorised person who asks him for his name and address.

10. No person shall drive any vehicle into, or permit any vehicle to be or remain upon, the University grounds unless for some purpose of University business or University education.

11. No person shall park or leave any vehicle in the University grounds in such manner as to obstruct the passage of vehicles or pedestrians.

12. An authorised person may remove any vehicle from the University grounds without assigning any reason.

13. A person being the driver of, or otherwise in charge of, any vehicle within the University grounds shall remove such vehicle from the University grounds upon being directed to do so by an authorised person.

14. No person shall on the University grounds use any indecent language or be guilty of any disorderly conduct. An authorised person may remove from the University grounds persons guilty of disorderly conduct or indecent language thereon.

15. No person shall throw, place, deposit or leave on the University grounds any rubbish, refuse, paper, bottles, or glass (broken or otherwise), or any litter of any kind or nature whatsoever.
16. (1) No person shall, without the permission of the Council or its delegate, bring any alcoholic liquor upon the University grounds, or keep or consume any alcoholic liquor upon the University grounds.

(2) An authorised person may remove from the University grounds any intoxicated person, and may search the University grounds and vehicles for alcoholic liquor, and may seize any alcoholic liquor reasonably suspected of having been brought on to the University grounds contrary to this by-law.

(3) The Council may confiscate any alcoholic liquor brought on to the University grounds contrary to this by-law, and thereupon such liquor shall become the property of the University.

17. (1) The Council or its delegate may prohibit the holding of any meeting on the University grounds.

(2) No person shall conduct, promote or take part in any meeting so prohibited.

18. No person shall interrupt any lecture or any meeting by any noise or unseemly behaviour on the University grounds, whether in or outside of buildings.

19. No person shall drive or use any motor vehicle on the University grounds in such manner as to cause undue noise.

20. (1) No person shall—

(a) kill or injure any livestock within the University grounds;

(b) bring within the University grounds any dog, unless such dog is at all times whilst within the University grounds kept on a leash;

(c) bring within the University grounds any other livestock (not being a horse used as a beast of burden or traction or an animal or animals brought within the University grounds pursuant to a contract or arrangement made between the owner or person having the custody thereof and the University);

(d) be in possession of a fire-arm within the University grounds;

(e) bathe in or pollute any lake or pool situated within the University grounds or take or attempt to take any fish therefrom;

(f) light any fire within the University grounds, except in a place set aside for that purpose.

(2) This by-law shall not apply to employees of the University acting in the course of their employment.

21. Any person who contravenes or fails to observe any of these by-laws shall be guilty of an offence and liable to a penalty not exceeding forty dollars and to pay compensation for damage as hereinafter provided.

22. (1) Penalties incurred under these by-laws may be recovered in a summary manner.

(2) In any proceedings for the recovery of penalties, the University may claim and recover summarily compensation for any damage done by the defendant to the University grounds or to anything growing or being thereon.

23. The Council may appoint any person to be a delegate of the Council for the purposes of these by-laws, or for the purposes of any one or more of these by-laws specified in the resolution of the Council making such appointment. The Council may, at will, revoke any such appointment.
1.1 *The Common Seal*

1. The Chancellor, the Vice-Chancellor and the Chairman of the Finance and Buildings Committee shall be the custodians of the University Seal.

2. In the case of certificates for degrees and diplomas the Seal may be affixed in the presence of, and the affixing may be attested by, the Chancellor or the Vice-Chancellor alone.

3. In all other cases the Seal shall be affixed to documents only by direction of the Council and in the presence of one of the custodians; and the affixing of the Seal shall be attested by the signatures of the custodian in whose presence it was affixed and of the officer who affixed it.

4. The following form of words shall be used on documents to which the Seal is to be affixed by direction of the Council in accordance with clause 3:

> By authority of the Council given on the day of 19, the Common Seal of The Flinders University of South Australia was affixed hereto on the day of 19

**Custodian of the Seal**

**Affixing Officer**

1.2 *University Colours and Insignia*


2. A copy of *The British Colour Council Dictionary of Colour Standards* shall be held in the University Library and a copy shall be held in the custody of the Registrar for reference to the colour standards.

3. The insignia of the University shall be a shield bearing a golden radiant sun at the base surmounted by a white open book on a blue background. The gold and blue shall be colour standards BCC52 and BCC89 respectively in *The British Colour Council Dictionary of Colour Standards*: London, British Colour Council, 1934. On the pages of the book shall be printed in black lines 23 to 31 on page 176 of Volume 1 of Matthew Flinders' *A Voyage to Terra Australis*. The shield shall be surmounted by a crest comprising a reproduction of Matthew Flinders' ship "Investigator" fully rigged with grey (colour standard BCC188) hull and white sails and the bow pointing to the left-hand side of the shield. Beneath the ship shall be a wreath diagonally-striped in the University's colours of dark blue, light blue and white.

1. Introduced in 1967.
4. A copy of the insignia as approved by the Council shall be held in the custody of the Registrar.

5. The insignia of the University shall be used, depicted and displayed only in such manner and under such conditions as the Council of the University shall approve.

2.1 The Chancellor

The Chancellor shall hold office for five years from the date of his appointment and shall be eligible for reappointment.

2.2 The Pro-Chancellor

1. The Council may from time to time appoint from among its members a Pro-Chancellor.

2. The Pro-Chancellor shall hold office for five years from the date of his appointment and shall be eligible for reappointment.

3. At the request of the Chancellor, or in his absence, and subject to The Flinders University of South Australia Act 1966, it shall be lawful for the Pro-Chancellor to do any act matter or thing which the Chancellor is ordinarily empowered to do.

2.3 The Vice-Chancellor

1. The Vice-Chancellor shall be the chief executive officer of the University. As such, he shall, subject to the statutes and regulations of the University and to the resolutions of the Council advise the Council on and exercise a general superintendence over the affairs of the University.

2. The Vice-Chancellor shall receive all agenda, papers, minutes and reports of every board and committee within the University and may, if he so desires, attend any meeting of any board and committee.

3. Subject as hereinafter mentioned, the Vice-Chancellor shall hold his office until the end of the calendar year in which he reaches the age of 65 years or until his resignation.

4. The Vice-Chancellor shall diligently perform the duties lawfully required of him. Should he have grossly or persistently neglected his duties or have been guilty of serious misconduct in the performance of his duties or have been convicted by any Court of any felony or misdemeanour in circumstances which are such as to show serious moral turpitude on his part he may after such inquiries as are hereinafter prescribed, but only on the recommendation of the Commission referred to in clause 14 of the Statute 2.5 The Academic Staff, be dismissed from his office by the Council.

5. Any complaint or report of neglect or misconduct on the part of the Vice-Chancellor shall be made in writing to the Chancellor. If the Chancellor, after such consultations as he deems expedient, decides that any complaint or report should be brought to the attention of the Council he shall at least seven days before the meeting of the Council at which the complaint or report is first considered, send a copy of the complaint or report to the Vice-Chancellor and shall inform him in writing that the complaint or report will be considered by the Council on a day stated.
6. The provisions of clauses 6 to 10 inclusive and 14 to 19 inclusive of the Statute 2.5 The Academic Staff shall apply also to the Vice-Chancellor, who shall for this purpose be treated as a member of the academic staff; except that in clause 18 of that Statute the Chancellor shall be substituted for the Vice-Chancellor.

2.4 The Pro-Vice-Chancellor

1. The Council may from time to time appoint from among the academic staff of the University a Pro-Vice-Chancellor.

2. The Pro-Vice-Chancellor shall hold office for five years from the date of his appointment, but the Council may terminate the appointment of a Pro-Vice-Chancellor at any time by an absolute majority of its members.

3. The Pro-Vice-Chancellor shall act for the Vice-Chancellor in the absence of the Vice-Chancellor and shall perform such other duties as the Vice-Chancellor may require.

4. If the Pro-Vice-Chancellor is not already a member of the Council, he shall be entitled to attend all meetings of the Council, but he shall not be entitled to vote. The Pro-Vice-Chancellor shall be entitled to attend all meetings of committees of the Council of which the Vice-Chancellor is a member and shall be entitled to exercise the Vice-Chancellor's voting powers when acting in his place, but he shall not be entitled to vote in his capacity as Pro-Vice-Chancellor when the Vice-Chancellor is present.

2.5 The Academic Staff

1. The academic staff comprise all Professors, Readers, Senior Lecturers and Lecturers who are wholly engaged in the service of the University, and are not visiting academic staff.

2. There shall be such members of the academic staff as the Council may decide.

3. Every member of the academic staff shall hold office under the terms of this Statute and his contract of employment.

4. Any person who is for the first time appointed as a member of the academic staff other than as a Professor shall be appointed in the first instance for a period of three years unless the Council in any particular case otherwise determines. Every such person who is thereafter reappointed as a member of the academic staff and every Professor shall, subject to the provisions of clauses 7, 9 and 12 of this Statute hold office until, and no longer than, the 31st day of December of the year in which he attains the age of 65 years. Provided always that if a financial emergency shall arise necessitating retrenchment of staff (of which the Council shall be the sole judge) the Council may dispense with the services of any one or more members of the academic staff by giving to each of those members six months’ notice in writing.

5. (1) If the Council shall dispense with the services of a member of the academic staff by reason of financial emergency the member may not later than one calendar month after his services shall have been so terminated request the University to retain any policies or monies held on his behalf by the University for superannuation purposes. Whilst the University shall continue to hold such policies or monies pursuant to such request the Uni-
versity shall during the period hereinafter specified continue to pay its superannuation contributions on behalf of the member. The period mentioned above shall terminate on the death of the member or on his obtaining employment which in the opinion of the Council shall be reasonably equivalent or at the end of three years from the date upon which his services were dispensed with, whichever shall be the shortest.

(2) When, after a financial emergency, the University is in a position to fill academic posts, the Council shall, during a period of three years from the dates of their retrenchment:

(a) offer to reinstate retrenched members to vacancies which the University proposes to fill in their former disciplines; and

(b) wherever possible, attempt to offer re-instatement to all retrenched members.

This sub-section shall apply only if the address of such member is known to the Council and the offer shall remain open only for such limited time as the Council may determine to be reasonable in the circumstances.

6. A member may resign his office by giving six months' notice in writing.

7. The Council may terminate the appointment of any member of the academic staff who shall, in the opinion of the Council, have become permanently incapacitated from performing the duties of his office by reasons of physical or mental illness. Where a member of the academic staff shall be from illness or any other cause temporarily incapacitated from performing the duties of his office the Council may appoint a substitute or substitutes to act in his stead during such incapacity and the member shall during such time receive such salary as the Council shall direct.

8. No member of the academic staff shall take any outside employment, regular or casual, without the permission of the Council.

9. If any member of the academic staff shall be elected or otherwise become a member of Parliament, he shall forthwith vacate his office.

10. The Council may grant to any member of the academic staff leave of absence from the duties of his office for such period, for such purpose and on such conditions as it shall in each case determine.

11. Professors shall be responsible to the Council for the proper carrying out of their duties. Other members of the academic staff shall work under the general direction of the Professor or Chairman of the School as the case may be to whom they are responsible, and shall give such lectures, perform such other teaching work, conduct such examinations and perform such administrative duties as the Professor or Chairman may determine and properly require.

12. Every member of the academic staff shall diligently perform the duties lawfully required of him. Should any member have grossly or persistently neglected his duties or have been guilty of serious misconduct in the performance of his duties or have been convicted by any Court of any felony or misdemeanour in circumstances which are such as to show serious moral turpitude on his part he may, after such inquiries as are hereinafter prescribed, but only on the recommendation of the Commission hereinafter referred to, be dismissed from his office by the Council.

13. Any complaint of such neglect or misconduct on the part of any member of the academic staff and any report of any such conviction shall be in writing and shall, unless the Vice-Chancellor shall himself make such complaint or
report, be made to the Vice-Chancellor. Should the Vice-Chancellor, after such consultations as he deems expedient, decide that any complaint or report should be brought to the attention of the Council he shall, at least seven days before the meeting of the Council at which the complaint or report is first considered, send a copy of the complaint or report to the member concerned and shall inform him in writing that the complaint or report will be considered by the Council on a day stated.

14. The Council shall inquire into any complaint or report placed before it under clause 13 hereof. The Council may and shall if requested by the member concerned or by any three members of the Council refer the complaint or report to a Commission of Inquiry consisting of not less than five nor more than seven members.

15. Subject to the provisions of clause 18 hereof, the Commission shall consist of the Chairmen of Schools and of such other members of the academic staff as the Council shall appoint.

16. Pending the determination of the matter the Council may if it thinks it necessary in the best interests of the University temporarily suspend the member from his office without loss of salary.

17. In a case where the complaint or report is not referred to a Commission of Inquiry the Council shall nevertheless before reaching any decision consider any written representations submitted by or on behalf of the members and shall if the member so requests grant him an opportunity to appear before and address the Council either in person or by a representative.

18. No person who initiates or makes a complaint or report to the Vice-Chancellor shall be present during any consideration by the Council of that complaint or report or of any report of the Commission of Inquiry thereon. No such person shall be present during any consideration by the Council of a complaint or report shall be a member of the Commission thereon nor shall any member of the Commission of Inquiry be present during any consideration by the Council of the report of the Commission of Inquiry. Where the Vice-Chancellor himself makes the report or complaint he may at his discretion be present at Council meetings relating thereto or to any report thereon.

19. The Council shall make regulations governing the conduct of proceedings in any matter which it shall refer to any Commission of Inquiry established under the provisions of clause 14 of this Statute.

**Regulations made under Clause 19**

The following regulations shall apply to the proceedings of a Commission of Inquiry upon a complaint or report relating to a member of the academic staff:

1. At the first meeting of a Commission of Inquiry, the members of the Commission shall elect one of their number to be Chairman. The Chairman shall be entitled to a casting vote as well as a deliberative vote in all proceedings of the Commission.

2. The member concerned shall be entitled to be represented by a legal practitioner or other agent. If a representative is present at meetings of the Commission, he and the member shall obey the directions of the Commission as to the manner in which they may respectively participate in the proceedings. In these regulations where the context so permits, the term "member" shall include such representative.
(3) The member shall be furnished with adequate details in writing of the allegations made against him and shall be afforded adequate time to prepare his answers thereto.

(4) The member shall be given reasonable notice of the time and place where the Commission will initially meet and if he does not attend either personally or by his representative at such meeting or at any adjournment thereof, the Commission may proceed in his absence.

(5) The Commission may receive evidence in such manner as it thinks fit and either orally or in writing, provided that where the evidence is in writing, the member and the Commission shall be entitled to have the author produced for cross-examination if practicable.

(6) The member shall be entitled to see all documents submitted by way of evidence and to comment thereon and to submit documents by way of evidence on his own behalf.

(7) The member shall be entitled to be present throughout the presentation of the evidence and to cross-examine the witnesses against him. He shall be entitled to call such witnesses whether as to matters of fact or good character as he may reasonably require; to give evidence on his own behalf; and to address the Commission after all the evidence has been presented.

(8) All oral evidence shall be fully recorded in such manner as the Commission determines and a copy thereof supplied to the member if he so requests.

(9) No person other than the members of the Commission shall be present during its deliberations after the evidence has been completed except that the Commission may consult a legal practitioner on points of law.

(10) The report of the Commission shall be in writing and shall set forth the findings of fact made by the Commission and the course of action recommended by it, which matters shall be based solely upon the evidence taken by the Commission in manner aforesaid.

(11) Before the report is presented to the Council, a copy shall be furnished to the member, who, within a reasonable period specified to him when the copy of the report is furnished to him, shall be entitled to submit written representations upon the report, which representations (if any) shall be placed before the Council at the same time as the report.

(12) Pending the consideration of the report by the Council, the members of the Commission shall treat the report and all matters relating thereto or contained therein as confidential, to the intent that the Council may be enabled to take action solely upon the basis of the material placed before it for consideration.

2.6 The Registrar

1. The Registrar of the University shall assist the Vice-Chancellor in such manner as the Vice-Chancellor may require in the performance of his duties.

2. The Registrar shall be responsible to the Vice-Chancellor for:

(1) the preparation and custody of the general records, registers and accounts of the University;

(2) the secretarial work of all boards and committees of the University;

(3) the conduct of the correspondence of the University;

(4) the management and supervision of the examinations of the University;
(5) the editing of the publications of the University;
(6) the performance of such other duties as are assigned to him by any statute or regulation of the University or by any decision of the Council or by the Vice-Chancellor.

3. The Registrar shall be assisted by such other administrative officers as the Council may determine. They shall, except where otherwise provided, be responsible to the Registrar and shall perform such duties as he may from time to time prescribe.

3.1 Academic Staff Appointments

1. Professorial appointments and special appointments shall be approved by the Council on the recommendation of ad hoc Appointment Committees, of which the Vice-Chancellor shall be Chairman and the members appointed by the Council on the recommendation of the Vice-Chancellor.

2. There shall be a Standing Appointments Committee for each School, which shall make recommendations for the approval of the Vice-Chancellor on the appointment and commencing salary of non-professorial members of the academic staff of the status of Senior Tutor/Senior Demonstrator and above.

3. The Standing Appointments Committee for each School shall comprise:
   the Chairman of the School (Chairman); the Professors of the School; the Chairman of the other Arts or Science School (as the case may be); and up to two other members appointed by the Vice-Chancellor on the recommendation of the Chairman of the School, provided that a non-professorial staff member in charge of a discipline shall be included when appointments in that discipline are being considered.

3.2 Promotion of Staff

1. Promotions of staff members and confirmation of the tenure of members of the academic staff shall be approved by the Council on the recommendation of the appropriate committee.

2. There shall be a Standing Promotions Committee for each School which shall make recommendations to the Council on the tenure and promotion of the academic staff of the status of Lecturer and above. The Standing Promotions Committee for each School shall comprise: the Chairman of the School (Chairman); the Professors of the School; the Chairman of the other Arts or Science School (as the case may be).

3. Technical staff promotions shall be recommended to the Council by the Technical Staff Committee.

4. All other staff promotions shall be recommended to the Council by a General Staff Promotions Committee, which shall comprise two Chairmen of Schools appointed annually by the Council, the Librarian, the Registrar and one member of the Council appointed annually by the Council as Chairman.

3.3 Superannuation

1. There shall be such superannuation, pension, gratuity and invalidity schemes for the benefit of members of the staff of the University as the Council may determine.

2. Such schemes shall be established by deed regulation or otherwise as may in each case be determined or approved by the Council.

3. The schemes shall be administered by the Finance and Buildings Committee.
3.4 Study Leave

1. There shall be a Study Leave Scheme for members of the academic staff, the rules of which shall be approved by the Council.

2. There shall be a Study Leave Committee which shall be a committee of Council and which shall advise the Council through the Academic Committee on questions of policy relating to study leave.

3. The Study Leave Committee shall comprise the Vice-Chancellor as Chairman and one professor or reader appointed by the Board of each School. The term of appointment for appointed members shall be two years, but members shall be eligible for re-appointment.

4. If any appointed member is unable to attend a meeting of the Committee, a substitute shall be appointed by the Chairman of the School concerned.

5. The Study Leave Committee shall administer the Study Leave Scheme within the rules approved by the Council and within the resources of the funds made available by the Council for the purposes of the Study Leave Scheme.

4.1. The Council

1. The Council shall hold such regular and special meetings as it may from time to time decide.

2. The Registrar shall convene a special meeting of the Council:
   (1) at the request of the Chancellor or Vice-Chancellor for the consideration and despatch of business which either may wish to submit to the Council;
   (2) upon the written requisition of four members, which requisition shall set forth the objects for which the meeting is required to be convened. The meeting shall be held within fourteen days after the receipt of the requisition.

3. All proceedings of the Council shall be minuted and permanently recorded.

4.2 Committees and Boards

1. If any member of any committee or board shall cease to hold the office or qualification by virtue of which he was appointed to, or otherwise holds office as, a member of the committee or board, he shall ipso facto cease to be a member of the committee or board.

2. When the place of an appointed member of a committee or board becomes vacant by reason of death, resignation or otherwise, the body or person by whom such appointment was made shall appoint another member to serve the remainder of the term of office of the person in whose place he is appointed.

3. All proceedings of any committee or board, whether created by statute or otherwise, shall be minuted and permanently recorded.

4. Each committee or board, whether created by statute or otherwise, shall determine the manner in which its proceedings shall be conducted.

5. If the body or person responsible for appointing a member of a committee or board fails to make an appointment at the due time, the member for the time being holding office shall continue to do so until a new appointment is made.

1. Introduced in 1967.
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6. If a member of a Committee or Board is absent from the University for a period in excess of three months, the body or person responsible for appointing that member may appoint a proxy to hold office during the period of his absence.1

7. The foregoing clauses 1, 2, 3, 4, 5 and 6 shall be construed subject to any special provisions contained in the statute under or by virtue of which any committee or board is constituted.

4.3 The Schools

1. There shall be Schools of Language and Literature, Social Sciences, Physical Sciences and Biological Sciences, and such other Schools as the Council may from time to time determine.

2. For each School there shall be a Board which shall advise the Council on all questions relating to the studies, lectures and examinations in the School.

3. Each Board shall consist of:
   (1) Ex officio members: the Chancellor; the Vice-Chancellor; each Chairman of a School or his nominee; the academic staff of the School.
   (2) Appointed members: (a) not more than three persons appointed by the Council on the recommendation of the Board; (b) not more than three other persons appointed by the Council.

4. Appointed members of a Board shall hold office until the end of the calendar year for which they are appointed but shall be eligible for reappointment.

5. There shall be a Standing Committee of each Board. A Standing Committee shall be responsible to the Board, and shall:
   (1) conduct the day-to-day business of the School; and
   (2) perform such other duties as may be delegated to it by the Board.

6. A Standing Committee shall consist of:
   (1) the Professors of the School;
   (2) as many other members of the Board as there are Professors, to be elected by the Board;
   (3) the Chairman and the Vice-Chairman of the School if they are not members under section (1) or (2) of this clause;
   (4) not more than two other persons who may be co-opted annually by the Standing Committee.

7. The term of office of an elected member of a Standing Committee shall be two years. Half of the elected members shall retire at the end of each year and shall be eligible for re-election. At the first meeting, the elected members shall draw by lot to determine which of them will serve an initial term of one year, and which will serve a full term of two years.

8. The Council shall appoint a Chairman and a Vice-Chairman of each School on the recommendation of the Board of the School; save that the first Chairman of each School shall be appointed by the Council.

9. The Chairman shall hold office for a term of three years. Except with the approval of the Council on the recommendation of the Board, the Chairman shall not be eligible for reappointment for a further consecutive term.1


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10. The Vice-Chairman shall hold office for a term of two years and shall be eligible for reappointment.

11. The Chairman of each School, or in his absence the Vice-Chairman, shall perform such duties as may from time to time be prescribed by the Council, and (amongst others) he shall:
   (1) be Chairman of the Board and the Standing Committee of the Board, and shall preside at all meetings of those bodies at which he shall be present;
   (2) convene meetings of the Board and the Standing Committee at his own discretion or on the written request of the Vice-Chancellor or of two members of the Board;
   (3) subject to the control of the Board, exercise a general superintendence over the School's administrative business.

12. If the Chairman and the Vice-Chairman are not available or are unable to act, the Vice-Chancellor may convene a meeting of the Board or Standing Committee or, in the case of emergency, arrange for some other member of the Board to act for the Chairman.

4.4 The Academic Committee

1. There shall be an Academic Committee which shall be a committee of Council and shall advise the Council on the academic aspects of questions of university policy.

2. The Academic Committee shall comprise: the Vice-Chancellor (Chairman); the Chairman and Vice-Chairman of each School and a representative of each School appointed by the Board of the School for a two-year term but eligible for reappointment, provided that at least one of each School's three representatives shall be a non-professorial member of the academic staff; the Chairman of the Research Committee (if not already a member); the Librarian; and a member of the Council appointed annually by the Council.

3. The Academic Committee shall report to the Council on all recommendations of the Boards of the Schools and of their Standing Committees which require the approval of Council, and may report to the Council on the academic aspects of any other matter.

4. Unless the Academic Committee shall determine otherwise in the case of any particular item or items, copies of agenda papers and minutes of the Academic Committee shall be distributed to members of the Boards of the Schools.

4.5 The Finance and Buildings Committee

1. There shall be a Finance and Buildings Committee which shall be a committee of Council and shall advise the Council on all matters relating to the financial operation of the University, the terms and conditions of appointment of staff, the university site and buildings; and such other matters as the Council may refer to it.

2. The Finance and Buildings Committee shall comprise: the Chancellor, the Vice-Chancellor and such members of Council as the Council may appoint provided that at least two members shall be members of the academic staff. The Finance and Buildings Committee shall appoint a Chairman from among its members.

3. The term of appointment of the members of the Finance and Buildings Committee appointed by the Council shall be two years, but members shall be eligible for reappointment.
4.6 The Allocations Committee

1. There shall be an Allocations Committee which shall be a committee of Council and shall advise the Council on the allocation of the University's annual revenues between items of expenditure, and on priorities within the University's triennial capital grants.

2. The Allocations Committee shall comprise: the Vice-Chancellor (Chairman); the Chairman of each School; and the Chairman of the Finance and Buildings Committee.

3. The Allocations Committee shall have regard to the general academic policy of the Academic Committee and shall report to the Council through the Academic Committee.

4. The Allocations Committee shall receive submissions relating to additional expenditure from the Standing Committees of the Boards of the Schools and from other relevant committees and bodies.

4.7 The Research Committee

1. There shall be a Research Committee which shall be a committee of the Academic Committee and shall advise the Academic Committee on general questions of research policy.

2. The Research Committee shall comprise a Chairman elected as provided below and two representatives of each School (who may but need not be members of the Academic Committee) appointed by the Board of the School for a two-year term but eligible for reappointment, except that when the first appointments are made one representative from each School shall be appointed for one year only.

3. The Chairman of the Research Committee shall be elected by the members of the Research Committee but not necessarily from their own number. The Chairman shall hold office for a two-year term and shall be eligible for re-election.

4. If one of the members is elected as Chairman, the Board of the School which he represents shall appoint another representative to serve as a member in his place for the remainder of his term.

5. The Research Committee shall control the allocation and expenditure of University research funds within the policy approved by Council on the recommendation of the Academic Committee.

4.8 The Library Advisory Committee

1. There shall be a Library Advisory Committee which shall be a committee of the Academic Committee and shall advise the Academic Committee on general questions of library policy.

2. The Library Advisory Committee shall comprise: four members of the Academic Committee appointed by the Academic Committee; one member appointed by each of the Boards of the Schools; and the Librarian. Appointed members shall serve for two years and shall be eligible for reappointment, except that when the first appointments are made the members appointed by the Boards shall be appointed for one year only.

3. The Chairman of the Library Advisory Committee shall be elected by the Committee from the members appointed by the Academic Committee.

4. The Library Advisory Committee shall not be concerned with the day to day operations of the Library which shall be under the control of the Librarian.
4.9 The Technical Staff Committee

1. There shall be a Technical Staff Committee which shall be a committee of Council and shall advise the Council through the Finance and Buildings Committee on all matters relating to technical staff including conditions of appointment, salaries and promotions.

2. The Technical Staff Committee shall comprise: two members from the School of Physical Sciences, two members from the School of Biological Sciences, one member from the School of Language and Literature, and one member from the School of Social Sciences, appointed by the Council; and one member of the Finance and Buildings Committee appointed by the Council on the recommendation of the Finance and Buildings Committee.

3. The Council shall appoint a Chairman from among the members of the Committee. The term of appointment of the Chairman and of the members shall be two years, but they shall be eligible for reappointment.

4.10 The Computing Committee

1. There shall be a Computing Committee which shall advise the Academic Committee on general questions of computing policy.

2. The Computing Committee shall comprise: a Chairman and five members appointed by the Academic Committee. The term of appointment of the Chairman and of the members shall be two years but they shall be eligible for reappointment.

3. The Computing Committee shall exercise a general supervision over computing services within the University.

4.11 The Theatre Management Committee

1. There shall be a Theatre Management Committee which shall be a committee of Council and shall advise the Council on matters of policy relating to The Matthew Flinders Theatre and shall control the day to day management and use of the theatre.

2. The Theatre Management Committee shall comprise: two members of the academic staff with an interest in dramatic, musical or film activities appointed by the Academic Committee; one member of the Union Board appointed by that body; one member of the staff of the Registry appointed by the Vice-Chancellor; one member of the Council appointed by the Council; and the Director of Union Services, or any member of the administrative staff of the Union appointed by the Director.

3. Each appointed member shall have a term of office of two years and shall be eligible for reappointment.

4. The Theatre Management Committee shall elect one of its members to be Chairman.

4.12 The Radiation Safety Committee

1. There shall be a Radiation Safety Committee which shall be responsible to the Council for promoting awareness of, and supervising the correct observation of government regulations, and such other regulations relating to radio-active materials and irradiating apparatus as may be approved by the Council on the recommendation of the Committee.
2. The Radiation Safety Committee shall comprise: a Chairman appointed by, and holding office at the pleasure of, the Council; and one member of each School in which radio-active materials or irradiating apparatus are used, appointed by, and holding office at the pleasure of, the Chairman of the School and designated the Radiation Safety Officer of the School.

3. The Radiation Safety Committee may appoint Assistant Radiation Safety Officers to assist the Radiation Safety Officer in any School in ensuring that the regulations relating to radio-active materials and irradiating apparatus are observed.

5.1 The Union, The Sports Association and The Students Representative Council

1. There shall be a University Union, a University Sports Association and a Students Representative Council.

2. The constitution of each such body shall be as approved by Council. Any alteration to the constitution shall be subject to the approval of Council.

6.1 Matriculation

I GENERAL

1. Except as provided for in clause 2 hereof, to become a matriculated student a candidate shall:

(a) have attained the age of seventeen years;

(b) have satisfied the educational requirements specified below; and

(c) at an appointed time, in the presence of the Registrar or other duly appointed person, sign the Matriculation Roll, on every page of which shall be printed the following:

"I hereby enter myself in the roll of matriculated students; and I acknowledge that I am bound by the Statutes, Regulations and other lawful directions of The Flinders University of South Australia."

2. In exceptional circumstances and on the recommendation of the Matriculation Board, the Council may admit to matriculation a candidate who has fulfilled the educational requirements specified below and has attained, or will have attained on or before the fifteenth day of March in the year in which he wishes to enter upon his course of study in the University, the age of sixteen years.

II THE MATRICULATION EXAMINATION

3. An Annual Matriculation Examination shall be held towards the end of the calendar year and a supplementary Matriculation Examination in the following February. The examination shall be designed, in general scope and standard, for candidates who have completed five years of academic secondary education (following seven years of primary education) in South Australia.

4. (a) The subjects available at the Matriculation Examination shall be:

GROUP A: English.

GROUP B: Ancient History, Modern History, Geography, Classical Studies,\(^1\) Greek, Latin, French, German, Italian, Russian, Spanish\(^1\) and such other languages as may be approved for matriculation purposes by the Council on the recommendation of the Matriculation Board.

Group C: Mathematics I, Mathematics II, Greek, Latin, French, German, Italian, Russian, Spanish, and such other languages as may be approved for matriculation purposes by the Council on the recommendation of the Matriculation Board.

Group D: Mathematics I, Mathematics II, Physics, Chemistry, Biology.

Group E: Economics, Geology, Music.

(b) The Matriculation Examination in Music in any year shall be the prescribed Public Examination in Music held in the same calendar year.

(c) Candidates' results in each subject shall be classified (not necessarily for publication) in the following grades:

Passing grades: A, B, C and D.

Failing grades: E, F and G.

III Educational Requirements for Matriculation

5. (a) To fulfil the educational requirements for matriculation a candidate shall, subject to the provisions of clauses 6, 7, 8 and 9 hereof:

(i) pass at one annual examination in at least five subjects;

(ii) either pass in English or satisfy the examiners in English of his ability to use the English language as an instrument of expression; and

(iii) pass in at least one subject from each of Groups B, C and D.

The qualification in English obtained by a candidate who has satisfied the examiners in English of his ability to use the language as an instrument of expression shall be designated EgQ, and shall not count as a subject.

(b) The attention of intending candidates is drawn to the fact that, although such requirements do not form part of the general requirements for matriculation, in some first-year subjects at the University either a pass in the corresponding subject at matriculation standard is prescribed for admission to the class or a knowledge of the subject at matriculation standard is assumed.

6. For the purpose of complying with clause 5 hereof:

(a) no subject shall be counted twice;

(b) Classical Studies and Ancient History shall not both be counted;

(c) not more than two languages other than English shall be counted;

(d) Mathematics I and Mathematics II shall not be counted in separate groups.

7. (a) A candidate who at an annual Matriculation Examination presents himself for five or more subjects which will satisfy the requirements of clauses 5 and 6 hereof and passes in four or more subjects may present himself at any subsequent Matriculation Examination or Examinations, annual or supplementary, for such subject or subjects as may be necessary to complete the requirements for matriculation.

(b) A candidate who at an annual Matriculation Examination presents himself for five or more subjects which will satisfy the requirements of clauses 5 and 6 hereof, passes at grade C or higher in each of three subjects and obtains grade E in each of two other subjects may present himself at the following supplementary Matriculation Examination for such subjects as may be necessary to complete the requirements for matriculation. If he

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does not complete the requirements for matriculation at such supplementary examination he shall lose credit for those subjects in which he has passed and shall not be credited with a pass in any subject for the purpose of matriculation.

8. The qualification designated EgQ will be awarded only if it will complete a candidate's educational requirements for matriculation. It may be awarded on a candidate's performance at either an annual or, subject to the provisions of clause 9 hereof, a supplementary Matriculation Examination.

IV Admission to Supplementary Examination

9. A candidate may present himself for a subject or subjects at a supplementary Matriculation Examination only if:

(a) by passing in the subject or subjects concerned he may under clause 7 hereof qualify for matriculation; or

(b) he has been prevented by illness (which shall be certified to the satisfaction of the University) from sitting for the subject or subjects concerned at the preceding annual Matriculation Examination; or

(c) a pass in the subject or subjects concerned is pre-requisite for admission to a course in the University for which he intends to enrol in that year as a matriculated student; or

(d) he is granted, on grounds approved by the Council, special permission to do so.

V The Matriculation Board

10. There shall be a Matriculation Board consisting of the Vice-Chancellor, who shall be Chairman, the Chairmen of the several Schools and four other members of the academic staff appointed by the Council.

11. The Board shall advise the Council on all applications under this Statute for status, for provisional matriculation, and for adult matriculation and on such other matters as the Council may refer to it.

VI Provisional Matriculation

12. On the recommendation of the Matriculation Board, and on such conditions as may be determined in each case, a candidate who has attained the age of seventeen years but has not completely fulfilled the educational requirements for matriculation specified in clauses 5 and 6 hereof may be admitted to provisional matriculation for a specified period. Only in exceptional circumstances may such provisional matriculation be renewed, on the expiration of the specified period, for a further specified period.

13. (a) A candidate admitted to provisional matriculation shall comply with section (c) of clause 1 hereof and shall be deemed during the period of provisional matriculation to be a matriculated student of the University; and his fulfilling the conditions prescribed within the period or periods specified shall ipso facto confirm his status as a matriculated student from the date of his signing the Matriculation Roll.

(b) If a candidate admitted to provisional matriculation fails to comply with the conditions prescribed within the period or periods specified his matriculation shall thereupon lapse and an entry to that effect shall forthwith be made in the Matriculation Roll.

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VII ADULT MATRICULATION

14. On the recommendation of the Matriculation Board the Council may make such modifications in the provisions of this Statute as it deems fit for a person who has attained the age of twenty-one years or who for a continuous period of at least thirty-three months has ceased to undergo full-time secondary education. The modifications (if any) to be made and the conditions to be fulfilled shall be determined in each case.

VIII MISCELLANEOUS

15. A matriculated student of another university or a candidate who has passed equivalent examinations recognised as such by the Council shall on the recommendation of the Matriculation Board be granted such status under this Statute as may be determined in each case.

ADDITIONAL NOTES

These notes do not form part of the Statute.

1. An EgQ will be awarded to a candidate who, having otherwise fulfilled the educational requirements for matriculation, has satisfied the examiners in English of his ability to use the English language as an instrument of expression. In deciding whether a candidate qualifies for EgQ, the examiners may take into consideration the quality of expression and comprehension (not knowledge of literature) in Paper II (Study of Texts) as well as Paper I (Composition and English usage; reading and comprehension).

2. The examination in Classical Studies will be held for the first time at the end of 1969.

3. Under clause 15, a candidate who before March 31st, 1966, had partially fulfilled the educational requirements for matriculation in The University of Adelaide may complete his requirements for matriculation by passing before March 31st, 1968, at any Annual or Supplementary Matriculation Examination or Examinations in such additional subject or subjects as would have qualified him for matriculation under the Matriculation Statute of the University of Adelaide repealed on March 31st, 1966.

Under the repealed Statute the subjects of the Leaving Examination were grouped as follows:

Group A: English.

Group B: (i) Latin, Greek, French, German, and such other languages as may be approved for matriculation purposes by the Council on the recommendation of the Matriculation Board;

(ii) Ancient History (i.e., either Greek and Roman History or Early General History), Modern History, Economic History, Economics, Geography, Music;

Group C: (i) Mathematics Part I, Mathematics Part II;

(ii) Physics, Chemistry, Geology, Botany, Physiology, Agricultural Science;

Group D: Arithmetic, Drawing, Book-keeping.

To qualify for matriculation a candidate was required—

(i) to pass in at least five subjects from Groups A, B, C and D, including at least one subject from each of Groups B and C; provided that if either Mathematics Part I or Mathematics Part II is counted, Arithmetic cannot be counted;

(ii) to include in his five subjects, at least one subject from section (i) of either Group B or Group C;

(iii) to either pass in English as one of the five subjects, or satisfy the examiners of his ability to use the language as an instrument of expression.

The qualification in English obtained by a candidate who satisfied the examiners of his ability to use the language as an instrument of expression was designated EgQ, and did not count as a subject.

4. Under clause 5 (b), a knowledge of subjects at Matriculation standard is assumed in the following courses:

LANGUAGES:

French I assumes a knowledge of French for the Matriculation Examination. Spanish I does not assume any previous knowledge of Spanish, but does assume a knowledge of a classical or modern European language equivalent to that required for the Matriculation Examination.

SCIENCE:
The Schools of Physical Sciences and Biological Sciences recommend that all candidates seeking to enrol in Science at Flinders University should have a knowledge of the courses in Mathematics I, Mathematics II, Physics and Chemistry at the Matriculation level. Nevertheless, the teaching of Mathematics I, Mathematics IB and Physics I at the University has been arranged in two streams, the lower of which is available to students who have taken only Mathematics I at the Matriculation Examination. Students who have not taken Mathematics II at the Matriculation Examination are recommended to consult one of the Professors of Mathematics regarding preliminary vacation reading.

Physics I and Chemistry I assume a knowledge of Physics and Chemistry at Matriculation level, but Biology I assumes no previous knowledge of Biology.

6.2 Enrolment of Students

1. The Council may prescribe that students who wish to commence a course of study for any degree or diploma shall apply for admission to that course of study by a particular date. An application for admission submitted after that date will not necessarily be accepted, and if accepted will incur such late admission fee as the Council may prescribe.*

2. The Council having regard to the resources of the University with respect to staffing, accommodation and facilities available for teaching may place limitations on the numbers of students to be admitted to any course of study for a degree or diploma or to any particular course, and may determine the method by which students will be admitted. Only students granted admission may enrol for such courses.

3. All students shall enrol no later than the date prescribed each year by the Council. An enrolment submitted after that date will not necessarily be accepted, and if accepted will incur such late enrolment fee as the Council may prescribe.*

4. In addition to Tuition or Registration Fees, every student shall pay a Union Fee prescribed by the Council.*

* The fees prescribed by the Council are—under clause 1: $10; under clause 3: $10; under clause 4: $39 annually; under clause 6: $2 for each week or part thereof late.
5. In particular cases the Council may reduce or waive any fee payable by a student or students. The Registrar shall have power to grant an extension of time for the payment of fees or reduce or waive any late fee if he deems the reasons for being late to be adequate.

6. Fees shall be paid at the time of enrolment; except that the Tuition Fees for the second and third terms may be paid during the first two weeks of the relevant terms. A student who elects to pay his Tuition Fees by terms but whose fees are not paid before the end of the second week of the relevant term will incur such additional fee as may be prescribed by the Council, unless an extension of time has been approved in advance by the Registrar.

7. A student who has not qualified to matriculate or been granted provisional matriculation may not enrol in any course, except in special circumstances approved by the Board of the appropriate School and the Matriculation Board. A student granted such approval to enrol shall sign the Matriculation Roll, which shall be appropriately annotated. He shall pay the same fees and be subject to the same statutes, regulations and rules as a matriculated student, but he shall not be eligible for the award of any scholarship or prize; and he may not present for any degree or diploma any course passed by him while he is not matriculated.

8. A student who enrolls in the University shall be subject to the statutes, regulations and other lawful directions of the University until he qualifies for the degree or diploma for which he is enrolled or until he notifies the Registrar in writing of his withdrawal as a student or until he fails to re-enrol by the last day of the enrolment period in any year following that in which he was enrolled.

9. A full-time student who has twice failed to pass a Part or a part-time student who has twice failed to satisfy the examiners in an interim examination in any course shall be precluded from enrolling again in the University unless and until permitted by the Council on the recommendation of the Board of the School in which he wishes to enrol or re-enrol, and then only under such conditions as the Board may prescribe.

10. For the purpose of clause 9 of this Statute, a student is deemed to have failed if he withdraws from a course or a Part after the last day of the second term or fails to present himself for the annual examination, unless he provides reasons considered satisfactory by the Chairman of the School.

11. The Board of the appropriate School may at any time review the academic progress of a student. If the Board judges his progress to be unsatisfactory, it may require him to show cause why he should be permitted to continue with his studies or to enrol for further studies in the University. After consideration of the student’s representations (if any) and all other circumstances, the Board may decide (a) to take no action, or (b) to permit the student to take only such courses within the School as it may approve during the current or following year, or (c) recommend to the Council that the student be precluded from further studies in that School; and the Council, after making such inquiry as it thinks fit, may preclude the student from taking further studies within that School. Any student who has been precluded from a particular School under this clause may be precluded from enrolling in another School in the University by the Council on the recommendation of the Board of the School in which he wishes to enrol.

*The fees prescribed by the Council are—under clause 1: $10; under clause 3: $10; under clause 4: $39 annually; under clause 6: $2 for each week or part thereof late.

12. If it appears to the Board of the appropriate School that it is not in the interests of the University or of other students or of the public (having regard to the profession for which the student is qualifying) that any student should be permitted to enter upon or proceed with a course of studies, the Board may recommend to the Council that the enrolment of such a student be not permitted or be terminated. Such a recommendation shall be referred to the Board of Discipline, which shall conduct an inquiry under the conditions prescribed for investigating complaints against students, and advise the Council. After receiving such advice, the Council may reject or terminate the enrolment of the student.

6.3 Academic Terms

1. The first term shall begin on the tenth Monday in the year, and shall end on the Saturday preceding the twentieth Monday in the year. Lectures shall begin on the second Monday in term: provided that, with the approval of the School or Schools concerned, lectures in any course may begin a week earlier.

2. The second term shall begin on the twenty-third Monday in the year, and shall end on the Saturday preceding the thirty-second Monday in the year.

3. The third term shall begin on the thirty-fifth Monday in the year, and shall end on the Saturday preceding the forty-fourth Monday in the year.

4. The Council shall have power to vary these dates to meet any special circumstances arising in any year.

6.4 Discipline

1. There shall be a Board of Discipline, consisting of the Vice-Chancellor and the Chairman or, in his absence, the Vice-Chairman of each School. For any particular purpose the Chancellor or the Council may add to the Board other members of the academic staff or the Council.

2. The Vice-Chancellor shall be Chairman, except that in the absence of the Vice-Chancellor or where as provided in clause 12 the Vice-Chancellor is disqualified from sitting on the Board, the Board shall elect a Chairman for that occasion.

3. The Vice-Chancellor as Chairman of the Board shall, subject to this Statute, exercise a general control over the discipline of students of the University.

4. In addition to the duties given to it by this Statute the Board shall perform such other duties as may from time to time be prescribed by the Council.

5. All general rules made by any committee or board for the conduct of students in the University shall be subject to the approval of the Council on the recommendation of the Board.

6. The Chairman of the Board shall at his own discretion, or at the direction of the Council or upon the written request of two members of the Board, convene or cause to be convened a meeting of the Board.

7. Any complaint against any student for consideration by the Board shall be made in writing to the Registrar. The Board shall inquire into any such complaint which the Chairman deems to be of sufficient weight. The Registrar shall take reasonable steps to inform the student of the complaint.
laid against him and of the time and place fixed for the meeting of the Board to hear the complaint. The student may elect to appear before the Board at its meeting; and he shall so appear if required by the Board. A student who desires to be represented by a member of the staff of the University or by some other person shall nominate the proposed representative and the Board may in its absolute discretion permit or refuse the student to be so represented.

8. If a student having been given reasonable notice by the Registrar of a complaint made against him and of the time and place fixed by the Board for the hearing of the complaint fails to attend at that time and place the Board may proceed with the hearing in his absence.

9. The Board shall have power:

(1) to dismiss the complaint;
(2) to find the complaint proved and thereupon (subject to clause 11 of this Statute) to take action in one or more of the following ways:

(a) by admonishing the student complained against;
(b) by inflicting a fine on the student not exceeding forty dollars;
(c) by excluding the student, for such period as the Board may think fit, from any course of instruction in, or from any lectures of the University, or from any examinations;
(d) by excluding the student, for such period as the Board may think fit, from any place of study or recreation in the University, or from the premises of the University;
(e) if appropriate, by remitting the complaint to the Union Board or to the Sports Association Council for determination;
(f) to expel the student from the University.

10. Except where a complaint is dismissed, every decision of the Board shall be reported to the Council for the information of the Council, and any action determined upon by the Board shall not be enforced against the student until after the expiration of a period of fourteen days after the decision has been reported to the Council.

11. (1) A student against whom action is to be taken under clause 9 shall immediately be informed in writing, by certified mail or by personal delivery, of the Board's decision and shall have the right to appeal against the decision to the Council.
(2) Such appeal must be lodged in writing with the Registrar within fourteen days of the posting or personal delivery of the notice of the decision of the Board.
(3) The Council shall appoint a committee to advise it on the appeal. The committee shall comprise members of the Council but shall not include any member who sat on the Board in the inquiry into the complaint. The committee shall formulate its own procedure in any particular case including whether or not the appellant may be present or represented.
(4) The Council's decision on the appeal shall be final.

12. Notwithstanding the provisions of clauses 7, 8, 9 and 10 of this Statute, the following procedure may, at the discretion of the Chairman, apply in the case of contravention by a student of any of the University by-laws:

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(1) a complaint against the student shall be made in writing to the Chairman of the Board by the Registrar, who may make such complaint either on his own initiative or as a result of a complaint already made to him under clause 7;

(2) the Registrar shall inform the student of the nature and substance of the complaint laid against him and shall ask him to provide in writing within seven days any information relevant to the complaint which he wishes the Board to take into account;

(3) the Board shall inquire into any such complaint which the Chairman deems to be of sufficient weight;

(4) the Board shall not meet to consider such a complaint until at least seven days have expired from the date of the posting or personal delivery of the notice of the complaint to the student;

(5) at its meeting the Board shall have before it any information furnished by the student relating to the complaint;

(6) the Board shall have the power to dismiss the complaint, or to find the complaint proved and thereupon to take action in one or more of the following ways:

(a) by admonishing the student complained against;

(b) by inflicting a fine on the student not exceeding forty dollars;

(c) by prohibiting the student from bringing or parking any vehicle within the University grounds for such period as the Board may think fit;

(7) the Board's decision on such complaint shall be notified in writing to the student and shall take effect forthwith upon such notification and shall be final, and the provisions of clauses 10 and 11 shall not apply.

13. A member of the Board shall not sit on the Board when the Board is hearing a complaint in which the member is involved as complainant.

14. Any member of the academic staff may on a particular occasion dismiss from a class, for which he is responsible, any student whom he considers guilty of impropriety in that class.

15. Subject to this Statute, the Board shall determine the manner in which its proceedings are conducted.

6.5 Conduct of Examinations

1. A student shall not during any examination:

(1) have in his possession any books, notes or diagrams other than those which the examiners have specified may be taken into that particular examination; or

(2) directly or indirectly give assistance to any other student; or

(3) directly or indirectly accept assistance from any other student; or

(4) permit any other student to copy from or otherwise use his papers; or

(5) use any papers of any other student; or

(6) by any other improper means whatever obtain or endeavour to obtain, directly or indirectly, assistance in his work, or give or endeavour to give, directly or indirectly, assistance to any other student; or

(7) be guilty of any breach of good order or propriety.

2. When a student is alleged to have committed a breach of any of the provisions of this Statute a complaint shall be made in respect thereof to the Board of Discipline, and such complaint shall be dealt with under the provisions of the Statute 6.4 Discipline; and if the complaint is found proved the student, in addition to any other penalty which may be imposed by the Board of Discipline, shall lose that examination.

3. A student who is detected committing, or apparently committing, a breach of any of the provisions of this Statute shall be summarily dismissed from the examination room.

7.1 Bachelors’ Degrees

1. Students who have fulfilled all the conditions prescribed by the Statutes for any degree shall be entitled to be admitted to that degree.

2. There shall be Ordinary and Honours Degrees of Bachelor of Arts, Bachelor of Economics, Bachelor of Education and Bachelor of Science. A candidate may obtain either or both the Ordinary and the Honours Degree.

3. The Degree of Bachelor of Arts shall be taken in either the School of Language and Literature or the School of Social Sciences; the Degree of Bachelor of Economics and the Degree of Bachelor of Education shall be taken in the School of Social Sciences; and the Degree of Bachelor of Science shall be taken in either the School of Physical Sciences or the School of Biological Sciences.

4. Schedules defining the work to be undertaken for each degree and the fees to be paid by students shall be drawn up by the Boards of the appropriate Schools and submitted to the Council for approval. Such schedules shall take effect from the date of approval by the Council or such other date as the Council may determine, and shall be published in the next University Calendar.

5. Syllabuses of courses offered in each School shall be drawn up by the Boards of the appropriate Schools.

6. No student may enrol unless his course of studies for that year has been approved by the Chairman of the appropriate School, or his nominee.

7. Examinations Boards appointed by the Boards of the appropriate Schools shall meet after the annual examinations, and at such other times as may be deemed necessary, to determine the results of students.

8. The members of the academic staff responsible for each course shall report to the appropriate Examinations Board on the performance of each student enrolled in that course. In so doing, the members of the academic staff concerned may take into account the student’s work throughout the year and his performance at annual or other examinations.

9. Annual examinations shall be held at a time fixed by the Council. Supplementary and other examinations may be held at any time.

10. The Board of the appropriate School may preclude a student from presenting himself for any examination if he has not performed the work prescribed to the satisfaction of the members of the academic staff.

11. To qualify for an Ordinary Degree a student shall satisfactorily complete a course of studies, which shall be divided into Part I, Part II and Part III, each Part representing one year’s full-time study; students proceeding to the Ordinary Degree of Bachelor of Education are also required to complete satisfactorily a period of teaching internship and course work extending over two terms.1

12. In determining a student's result, his performance in the entire Part will be assessed. If a student fails to satisfy the Examinations Board in a Part, the Board may specify a course of studies and additional tests to be completed satisfactorily before a student shall be awarded a pass in the Part concerned.

13. In determining the result obtained by a student who has completed a Part, the Examinations Board may recommend that certain restrictions be placed on his selection of courses in subsequent Parts. Such a recommendation shall be subject to confirmation by the Board of the appropriate School.

14. In determining the results of students in each Part, there shall be three classifications of pass: Pass with Distinction, Pass with Credit, Pass. The names of the candidates who pass with Distinction or with Credit shall be arranged in order of merit within the classification; the names of other candidates who pass shall be arranged in alphabetical order in one list.

15. A student must pass Part I before proceeding to any of the work of Part II, and he must pass Part II before proceeding to any of the work of Part III, provided that in special circumstances the Board of the appropriate School may otherwise determine.

16. By decision of the Examinations Board, a student who fails in a Part may, according to his performance in that examination:
   (1) be required to repeat the Part concerned; or
   (2) be permitted to take another year to complete only that portion of the Part in which his performance was unsatisfactory.

17. Except by permission of the appropriate Board, a part-time student shall complete the work of a Part over either two or three years. At the end of each year of study such a student shall sit for interim examinations in the courses for which he is enrolled, and if he satisfies the Examinations Board, will be exempted from further examination in the course or courses concerned. When he completes a Part the classification of his pass will be based on his performance in the entire Part.

18. To qualify for an Honours Degree a student shall satisfactorily complete a course of studies representing four years of full-time studies; students proceeding to the Honours Degree of Bachelor of Education are also required to complete satisfactorily a period of teaching internship and course work extending over two terms.

19. There shall be the following classifications for the Honours Degree:
   First Class
   Second Class—Division A
   Division B
   Third Class

The names of successful students shall be published in alphabetical order within each classification. A student who fails to obtain an Honours Degree may be awarded the Ordinary Degree.

* The Boards of all Schools will in exceptional cases permit a student who fails in Part II to proceed to Part III whilst repeating concurrently that portion of Part II in which his performance was unsatisfactory. In such cases the examinations in Part III and in the outstanding work in Part II shall normally be taken concurrently.

The Board of the School of Language and Literature may permit a student who has to repeat only one Part I course to take his Part II cognate course concurrently with that Part I course and may permit a part-time student to proceed to Part II work before completing Part I.

The School of Social Sciences will in no circumstances permit a student to take any Part II work before he has passed Part I.

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20. For the Honours Degree there shall be a final examination, and, except by permission of the appropriate Board, a student shall take the whole of the final examination at the one examination. A student shall not be permitted to present himself more than once for the final examination in the same Honours course or courses.

21. A student who has passed examinations of an equivalent standard in the University or elsewhere and who desires that such examinations should be counted towards the degree may be granted such status towards the degree as the Council shall determine on the recommendation of the appropriate Board.

22. In all cases where the statutes or schedules affecting the course of study for any degree of the University have been or shall be repealed or altered, the Council may nevertheless allow students who have previously enrolled under those statutes or schedules to complete their course of study thereunder, but may impose such conditions or modifications as the Council may deem desirable in each case.

23. If by reason of physical disability a student is unable to perform any of the work prescribed for a course the Council on the advice of the appropriate Board may allow him to substitute for such work other work or another course substantially equal in standard, and in such case may also impose such other conditions as it may deem desirable.

**Schedule 1: The Ordinary Degree of Bachelor of Arts**

1. To qualify for the Ordinary Degree, a student shall satisfactorily complete a range of studies comprising one of a number of specified Groups within the School of Language and Literature or the School of Social Sciences. Each Group shall consist of nine courses.

2. Each Group consists of a combination of two of the disciplines offered by a School or any combination of two disciplines approved by the Board of the appropriate School. A student proceeding to the degree shall be required to study at least one course from each discipline in each Part of his Group. The Groups available within the two Schools offer the following combinations of disciplines:

**School of Language and Literature**

L1 English and Drama  
L2 English and French  
L3 English and Philosophy  
L4 English and Spanish  
L5 French and Drama  
L6 French and Philosophy  
L7 French and Spanish  
L8 Spanish and Drama  
L9 Spanish and Philosophy  
L10 Drama and Philosophy  
L11 Philosophy and Mathematics

**School of Social Sciences**

S1 Economics and Geography  
S2 Economics and History  
S3 Economics and Mathematics  
S4 Economics and Philosophy
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S5 Economics and Politics
S6 Economics and Psychology
S7 Geography and History
S8 Geography and Mathematics
S9 Geography and Politics
S10 Geography and Psychology
S11 History and Philosophy
S12 History and Politics
S13 History and Psychology
S14 Politics and Philosophy
S15 Politics and Psychology
S16 Psychology and Philosophy
S17 Geography and Philosophy
S18 Psychology and Mathematics

3. Each Part of each Group shall comprise, besides the two basic courses, a third elective course which has been approved by the Council on the recommendation of the Board of the appropriate School as cognate to that Part. (See Appendix A and Appendix B.)

4. Any student who wishes to transfer from one Group to another, or who wishes to take a cognate course other than one of those approved under Clause 3 above, may do so only with the approval of the Board of the appropriate School. If such approval is granted, the Board shall determine what consequential adjustments (if any) may be required in the student's programme of study for the degree.

5. In the School of Language and Literature a student whose work throughout the year has been of credit or distinction standard may be exempted by the Board of the School from all or part of the Part I examination. Any student so exempted may, however, take the full examination if he wishes.

6. A general paper requiring no special preparation may also be included in the examination for any Part.

7. Students who wish to transfer from enrolment for the Degree of Bachelor of Economics to enrolment for the Degree of Bachelor of Arts must obtain the approval of the Board of the appropriate School. Where such approval is granted, the student must complete a programme of work which conforms to the requirements of this Schedule.

8. A student who holds any other degree may be granted status in not more than three courses on account of the work he has done for the other degree.

9. The Tuition Fee for each Part is $288. Students not taking a complete Part in any year shall pay such appropriate proportion of the fee for the Part as the Council shall determine.

The Supplementary Examination Fee for each course is $20.

Appendix A

For the purpose of Clause 3 of Schedule I the Council on the recommendation of the Board of the School of Language and Literature has approved the following courses:

PART I
Basic Courses:
English I, French I, Spanish I, Drama I, Philosophy I, Mathematics I or IB or IC.
Cognate Courses:

Fine Arts, History of Music A, Musicology I, History IA, History IB, Psychology I, Mathematics I, Mathematics IB or Mathematics IC in any Group;
Philosophy I in any Group in which it is not being taken as a basic course.

PART II

Basic Courses:

English II, French II, Spanish II, Drama II, Philosophy II, Mathematics II or IIH.

Cognate Courses:

Fine Arts, History of Music A, History IA, History IB, History IIA, History IIB, Psychology I, Musicology II, and Mathematics I, IB, IC or II in any Group;
Musicology I by students who have satisfactorily completed History of Music A;
Philosophy I or Philosophy II in any Group in which Philosophy II is not being taken as a basic course;
Principles and Practice of Literary Criticism in Groups L5, L6, L7, L8, L9, L10;
Mathematics IIH is counted as two courses, a cognate course as well as a basic course.

PART III

Basic Courses:

English III, French III, Spanish III, Drama III, Philosophy III, Mathematics III or IIIH or Mathematical Statistics.

Cognate Courses:

Fine Arts, Musicology II, History of Music B, History IIA, History IIB and The Foundations of Educational Theory A in any Group;
Philosophy I, Philosophy II or Philosophy III in any Group in which Philosophy III is not taken as a basic course.

General Notes:

No more than two cognate courses may be selected from any one discipline, except in the case of Philosophy and Music.
No course which has been taken in an earlier Part may be presented in a later Part.
Subject to the approval of the Board in each case, a student taking French III or Spanish III may present one of the following Honours Topics as a Part III cognate course:
28 French Literature in the Twentieth Century
29 Historical French Linguistics
31 French Moralistes, 1500-1800
44 Spanish History and Civilization, 1492-1700
45 The "Celestina" and its Imitations in Golden Age Literature.

For Group L11 Philosophy and Mathematics, the Board of the School may, notwithstanding Clauses 1, 2 and 3 of the Schedule, approve any course or courses offered within the University as constituting a cognate in any Part.
The attention of students is drawn to the pre-requisites which are prescribed in the syllabuses of some courses.
For the purpose of Clause 3 of Schedule I, the Council on the recommendation of the Board of the School of Social Sciences has approved the following courses within the Groups:

PART I
Basic Courses:
Economics IA, Geography I, History IA or IB, Politics I, Psychology I, Philosophy I and Mathematics I or IB or IC.
Cognate Courses:
Economics IA, Geography I, History IA or IB, Politics I, Psychology I and Philosophy I;
Economics IB in Groups which include Economics IA;
Mathematics I or IB or IC in Groups which include Economics IA or Geography I.

PART II
Basic Courses:
Economics II, Geography IIA, History IIA or IIB, Politics IIA or IIB, Psychology II, Philosophy II and Mathematics II or IIB.
Cognate Courses:
Economics II, Geography IIA, History IIA or IIB, Politics IIA or IIB, Psychology II, Philosophy II, Economics IA, Geography I, History IA or IB, Politics I, Psychology I and Philosophy I;
Economics IB in Groups which include Economics II;
Geography IIB in Groups which include Geography IIA;
Australian History and Geography in Groups which include History IIA or Geography IIA;
The State and Economic Life in Groups which include Economics II or Politics IIA or Politics IIB;
Mathematics I or IB or IC or II in Group S1 (Economics and Geography);
Mathematics IIB is counted as two courses, a cognate course as well as a basic course.

PART III
Basic Courses:
Economics IIIA, Geography IIIA, History IIIA, Politics IIIA or Politics IIIB or Politics III, Psychology III, Philosophy III and Mathematics III or IIII or Mathematical Statistics.
Cognate Courses:
Economics II, Geography IIA, History IIIA, Politics IIIB, Politics III, Psychology II and Philosophy II;
Economics IIIIB or Economics IB in Groups which include Economics IIIA;
Geography IIIIB in Groups which include Geography IIIIA;
History IIIIB in Groups which include History IIIA;
The State and Economic Life in Groups which include Economics IIIA or Politics III;
Australian History and Geography in Groups which include History IIIA or Geography IIIA;
The Foundations of Educational Theory A;
A course comprising a combination of topics from the two disciplines of the Group approved by the Board of the School.

General Notes:
A course from another School may be approved by the Board as a cognate course in Part II and Part III. Such approval will be granted only if the Board considers that such a course would materially assist a student's studies within the School.

Except with the approval of the Board of the School, no more than two cognate courses (other than interdisciplinary courses) may be presented from any one discipline.

The attention of students is drawn to the pre-requisites which are prescribed in the syllabuses of some courses.

Timetable clashes may make it impossible to select particular combinations of courses permitted in this Appendix.

No course which has been taken in an earlier Part may be presented in a later Part.

Schedule 2: The Honours Degree of Bachelor of Arts

1. A student whose performance in Part I and Part II of the Ordinary Degree is in the opinion of the appropriate Board of a sufficient standard, may proceed to the Honours Degree.*

2. The Board may review a student's performance at the completion of Part III (Honours) and may, if it deems that his work has not been of a sufficient standard, refuse him permission to proceed to Part IV (Honours).

3. A student who has completed Part III (Honours) but does not proceed to Part IV (Honours), may be awarded an Ordinary Degree, or he may be required to undertake additional studies and examinations as the Board of the appropriate School shall determine to qualify for the Ordinary Degree.

4. Except by permission of the appropriate Board, a student may not enrol in Part III (Honours) or Part IV (Honours) as a part-time student.

5. A student proceeding to the Honours Degree in the School of Language and Literature shall take eight of the Honours Topics approved by the Council on the recommendation of the Board of the School (see Appendix A). The Topics to be taken and their distribution between Part III (Honours) and Part IV (Honours) shall be approved in each case by the Board of the School.

6. In the School of Social Sciences a student proceeding to the Honours Degree:

(I) shall in Part III (Honours) study three courses as prescribed for Part III of the Ordinary Degree and additional Honours studies in at least two of these courses, provided that (a) a student proceeding to Honours in two disciplines must take Honours studies in both disciplines, (b) the Board may prescribe alternative Honours work in place of any Ordinary Degree

* A prospective Honours student in the School of Social Sciences may be required to undertake additional Honours work in Part II, but no additional examination will be set for this work.
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course, and (c) the courses of students taking Honours in two disciplines shall be approved by the Professors in charge of the disciplines comprising the student's Group;

(2) shall take such examinations, if any, as the Board may prescribe on completing Part III (Honours); and

(3) shall in Part IV (Honours) undertake studies within one discipline or two disciplines.

7. The Tuition Fee for each Part shall be $288.

Appendix A

For the purpose of Clause 1 of Schedule 2 the Council on the recommendation of the Board of the School of Language and Literature has approved the following Topics:

1 Old English Language and Literature
2 Middle English Language and Literature
3 Modern English
4 Chaucer and the Fourteenth Century
5 Shakespeare and His Age
6 English Literature: various periods from the Fifteenth to the Twentieth Century
7 Special Author in English
8 Special Topic in English
9 Special Genre in English
10 American Literature
20 French Language
21 French Essay
22 French Literature before 1300
23 French Literature in the Fourteenth and Fifteenth Centuries
24 French Literature in the Sixteenth Century
25 French Literature in the Seventeenth Century
26 French Literature in the Eighteenth Century
27 French Literature in the Nineteenth Century
28 French Literature in the Twentieth Century
29 Historical French Linguistics
30 Special Topic in French
31 French Moralistes, 1500-1800
35 Romance Linguistics
36 General Linguistics
37 Latvian: an introduction to Linguistic Research Method
38 Provençal Literature in the Middle Ages
39 Medieval Latin Literature
40 Spanish Language
41 Spanish Essay
42 History of the Spanish Language
43 Spanish Literature and Drama, 1492-1700
44 Spanish History and Civilization, 1492-1700
45 The “Celestina” and its Imitations in Golden Age Literature
46 The “Romancero” and its Effects upon Golden Age Literature
47 The Religious Literature and Drama of the Golden Age
48 Spanish Drama before Lope de Vega
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49 Medieval Spanish Literature and History
50 Spanish Literature and History in the Nineteenth Century
51 Latin-American Literature and History in the Nineteenth and Twentieth Centuries
52 Special Topic in Spanish
60 Tragedy and Myth
61 Farce and Burlesque
62 Elizabethan Comedy and the English Tradition
63 The French Influence on English Drama in the Seventeenth Century
64 The Popular Tradition in Spanish Drama
65 Australian Dramatists and the Realist Tradition
66 Brecht and Aristotle: Disciple or Heretic?
67 The Influence of Cinema on the American Theatre
68 Expressionism in Cinema and Theatre
69 Surrealism in Cinema and Theatre
70 Farce and Comedy in the Early Cinema
71 Drama and Mass Communication
72 Drama in Education
100 Musical Notations
101 Aspects of Medieval Music
102 Congregational and Domestic Religious Music in the Reformation
103 The Elizabethan Madrigal and Jacobean Lute Song
104 Opera and Music-drama in England from the Mid-seventeenth to the Mid-eighteenth Century
105 The Organ Music of Buxtehude and Bach
106 The Oratorios of Bach and Handel
107 Eighteenth Century Harpsichord Music
108 Special Topic in Music
120 Masters of Graphic Art
121 Florentine Art in the Development of the Renaissance
122 The Development of Australian Painting
123 Art and its Criticism
124 Special Topic in Fine Arts
140 Topics in Mathematics

SCHEDULE 3: THE ORDINARY DEGREE OF BACHELOR OF ECONOMICS

1. To qualify for the Ordinary Degree, a student shall satisfactorily complete a range of studies comprising one of a number of specified Groups within the School of Social Sciences. Each Group shall consist of nine courses.

2. Each Group consists of a combination of two disciplines. The following Groups are available:

   S1 Economics and Geography
   S2 Economics and History
   S3 Economics and Mathematics
   S4 Economics and Philosophy
   S5 Economics and Politics
   S6 Economics and Psychology

3. Each Part of each Group shall also comprise, besides the two basic courses, a third elective course which has been approved by the Council on the recommendation of the Board of the School of Social Sciences as cognate to that Part. (See Appendix A.)

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4. Any student who wishes to transfer from one Group to another, or who wishes to take a cognate course other than one of those approved under Clause 3 above, may do so only with the approval of the Board of the School of Social Sciences. If such approval is granted, the Board shall determine what consequential adjustments (if any) may be required in the student's programme of study for the degree.

5. A general paper requiring no special preparation may be included in the examination for any Part.

6. On completion of the course work specified above, students may be required to submit a brief research paper on a topic approved by the Professor of Economics.

7. Students who wish to transfer from enrolment for the degree of Bachelor of Arts to enrolment for the degree of Bachelor of Economics must obtain the approval of the Board of the School of Social Sciences. Where such approval is granted, the student must complete a programme of study which conforms to the requirements of this Schedule.

8. A student who holds any other degree may be granted status in not more than three courses on account of the work he has done for the other degree.

9. The Tuition Fee for each Part is $288. Students not taking a complete Part in any year shall pay such appropriate proportion of the fee for the Part as the Council shall determine.

The Supplementary Examination Fee for each course is $20.

Appendix A

For the purpose of Clause 3 of Schedule 3, the Council on the recommendation of the Board of the School of Social Sciences has approved the same basic and cognate courses as those of the respective Groups in Appendix B of the Schedule of the Ordinary Degree of Bachelor of Arts, provided that the cognate courses shall include Economics IB and at least one other designated course.

Schedule 4: The Honours Degree of Bachelor of Economics

1. A student whose performance in Part I and Part II of the Ordinary Degree is in the opinion of the Board of the School of Social Sciences of a sufficient standard, may proceed to the Honours Degree.

2. The Board may review a student's performance at the completion of Part III (Honours) and may, if it deems that his work has not been of a sufficient standard, refuse him permission to proceed to Part IV (Honours).

3. A student who has completed Part III (Honours) but does not proceed to Part IV (Honours), may be awarded an Ordinary Degree, or he may be required to undertake additional studies and examinations as the Board shall determine to qualify for the Ordinary Degree.

4. Except by permission of the Board, a student may not enrol in Part III (Honours) or Part IV (Honours) as a part-time student.

† An essay of about 5,000 words is envisaged.
† The State and Economic Life and Economics IIIB have been so designated.
* A prospective Honours student may be required to undertake additional Honours work in Part II, but no additional examination will be set for this work.
5. In Part III (Honours) a student shall study Economics IIIA, Economics IIIB and a Part III basic course in the other discipline of his Group, and shall take such examinations, if any, as the Board may prescribe.

6. In Part IV (Honours) a student shall study courses approved by the Board.

7. The Tuition Fee for each Part shall be $288.

**SCHEDULE 5: THE ORDINARY DEGREE OF BACHELOR OF SCIENCE**

1. In Part I a candidate shall take a Combination of courses in Mathematics, Physics, Chemistry and Biology approved by the Council on the recommendation of the Boards of the School of Physical Sciences and Biological Sciences (see Appendix A).

2. The Boards of the two Schools shall appoint a Joint Examinations Board for Part I.

3. A candidate who wishes to proceed to the degree in the School of Physical Sciences shall, on satisfactorily completing Part I, enrol in one of five approved Programmes of studies for Part II (P1, P2, P3, P4 and P5). On satisfactorily completing one of the Part II Programmes he shall enrol in one of the following Programmes of studies for Part III:

   - P10 Mathematics
   - P11 Mathematics
   - P12 Mathematics
   - P20 Applied Mathematics
   - P21 Applied Mathematics
   - P22 Applied Mathematics
   - P30 Physics
   - P31 Physics
   - P32 Physics
   - P33 Physics
   - P40 Chemistry
   - P41 Chemistry
   - P42 Chemistry

   The combinations of courses within each Programme shall be approved by the Council on the recommendation of the Board of the School of Physical Sciences (see Appendix B).

4. A candidate who wishes to proceed to the Degree in the School of Biological Sciences shall, on satisfactorily completing Part I, enrol in one of the following Programmes of studies for Part II:

   - B1 Biology
   - B2 Biology with Chemistry
   - B3 Biology

   On satisfactorily completing one of the Part II Programmes he shall enrol in one of the following Programmes of studies for Part III:

   - B10 Biology
   - B11 Biology
   - B12 Biology
   - B20 Biology with Chemistry
   - B21 Biology with Chemistry
B22  Biochemistry and Genetics  
B30  Biology  
The combinations of courses within each Programme shall be approved by the Council on the recommendation of the Board of the School of Biological Sciences (see Appendix C).

5. The Tuition Fee is $348 for each Part, except that the Tuition Fee for the Programmes P1, P2, P10, P11, P12, P20, P21 and P22 is $288 for each Part. Students not taking a complete Part shall pay such appropriate proportion of the Tuition Fee for the Part as the Council shall determine.

Appendix A

For the purpose of Clause 1 of Schedule 5, the Council on the recommendation of the Boards of the Schools of Physical Sciences and Biological Sciences has approved the following Combinations of courses:

I. Mathematics I  
   Physics I  
   Chemistry I  
   Biology I  

This Combination of courses leads to all Programmes.

IA. Mathematics IA  
   Physics I  
   Chemistry I  
   Biology IA  

This Combination leads to all Programmes in the School of Physical Sciences. In special cases and subject to the approval of the Board of the School of Biological Sciences this Combination may lead to Programmes in the School of Biological Sciences.

IB. Mathematics IB  
   Physics I  
   Chemistry I  
   Biology I  

This Combination will not lead to Programmes in Mathematics except with the permission of the Board of the School of Physical Sciences.

Appendix B

For the purpose of Clause 3 of Schedule 5 the Council on the recommendation of the Board of the School of Physical Sciences has approved the following courses within the Programmes:

PART II PROGRAMMES

P1  

This Programme leads to general and specialised studies for the Ordinary and Honours Degrees of Bachelor of Science in Pure Mathematics, Statistics, Applied Mathematics and Numerical Analysis. Specifically it leads to Programmes P10, P11, P12, P20, P21 and P22 in Part III. Entry into this Programme is restricted to students who have achieved a sufficiently high standard in Mathematics I.
COMPULSORY COURSES:

Mathematics
410 Mathematics reading course A
411 Real analysis
412 Complex analysis
413 Linear algebra A
414 Linear algebra B
415 Classical differential geometry
416 Probability
417 Statistics

Applied Mathematics
460 Applied mathematics reading course A
462 Numerical analysis
463 Partial differential equations

OPTIONAL COURSES:

One of the following combinations:

(a) 502 Electromagnetic theory, 504 Quantum mechanics A, 512 Physics laboratory IIS
(b) 502 Electromagnetic theory, 504 Quantum mechanics A, 505 Statistical mechanics
(c) 554 Kinetic theory and reaction kinetics, 555 Chemical thermodynamics, 556 Structure of matter, 560 Chemistry laboratory IIS
(d) 604 Introduction to plant physiology, 605 Introduction to animal physiology, 607 Population genetics
(e) Portion of a Part I Arts course approved by the Board
(f) A further three topics chosen from Mathematics or Applied Mathematics, approved by the Board.

This Programme provides a general training in all major branches of Mathematics and Applied Mathematics. It leads to Programmes P12 and P22 in Part III but does not normally lead to the Honours work. Entry into this Programme is restricted to students who have achieved a satisfactory standard in Mathematics I, or a sufficiently high standard in Mathematics IB or Mathematics IS.

COMPULSORY COURSES:

Mathematics
416 Probability
417 Statistics
418 Advanced calculus
419 Fundamentals of arithmetic and analysis or 420 Fundamentals of geometry
421 Mathematics reading course B

Applied Mathematics
462 Numerical analysis
464 Introduction to applied mathematics
465 Applied mathematics reading course B
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OPTIONAL COURSES:

One of the following combinations:

(a) 413 Linear algebra A, 414 Linear algebra B, 415 Classical differential geometry
(b) 506 Electricity and magnetism, 507 Optics and spectroscopy, 512 Physics laboratory IIS
(c) 506 Electricity and magnetism, 508 Elementary quantum mechanics, 509 Atomic and nuclear physics
(d) 554 Kinetic theory and reaction kinetics, 555 Chemical thermodynamics, 556 Structure of matter, 560 Chemistry laboratory IIS
(e) 604 Introduction to plant physiology, 605 Introduction to animal physiology, 607 Population genetics
(f) Portion of a Part I Arts course approved by the Board
(g) A further three topics chosen from Mathematics or Applied Mathematics approved by the Board.

P3

This Programme leads to Part III and Part IV studies for Ordinary and Honours Degrees of Bachelor of Science in Physics. Specifically it is designed for students who intend to proceed to Programmes P30* and P31. Entry into the Programme is restricted to students who have achieved a sufficiently high standard in Physics I.

Physics:
502 Electromagnetic theory
503 Electromagnetic waves
504 Quantum mechanics A
505 Statistical mechanics
509 Atomic and nuclear physics
510 Elementary mathematical physics
511 Physics laboratory II
Programme tutorial

Mathematics:
413 Linear algebra A
416 Probability
418 Advanced calculus*

Applied Mathematics:
461 Computational techniques
464 Introduction to applied mathematics*

Chemistry:
554 Kinetic theory and reaction kinetics*
556 Structure of matter

* The following advanced courses may be substituted, with the approval of the Professor in charge of the appropriate discipline:
Partial differential equations (463) in lieu of
Introduction to applied mathematics (464)
Real analysis (411) and Complex analysis (412) in lieu of
Advanced calculus (418) and Kinetic theory and reaction kinetics (554).
Students who intend to proceed to the Programme P30 should take Partial differential equations, Real analysis and Complex analysis.
This Programme normally leads to Programmes P32 and P33 which are designed for students proceeding to the Ordinary Degree of Bachelor of Science in Physics, with supporting studies in Mathematics or Chemistry. Programme P32 may also lead to Honours work in Chemistry. Normally, entry into the Programme is restricted to those students who have achieved a satisfactory standard in Physics I. However, students who have achieved a sufficiently high standard in Physics IS may be permitted to enrol in the Programme.

**Physics:**
- 506 Electricity and magnetism
- 507 Optics and spectroscopy
- 508 Elementary quantum mechanics
- 509 Atomic and nuclear physics
- 510 Elementary mathematical physics
- 511 Physics laboratory II
- Programme tutorial

**Mathematics:**
- 416 Probability
- 418 Advanced calculus

**Applied Mathematics:**
- 461 Computational techniques
- 464 Introduction to applied mathematics

**Chemistry:**
- 552 Organic chemistry
- 553 Quantum chemistry
- 554 Kinetic theory and reaction kinetics
- 555 Chemical thermodynamics
- 556 Structure of matter
- 557 Co-ordination compounds
- 558 Systematic inorganic chemistry
- 559 Chemistry laboratory II
- Programme tutorial

This Programme leads to Part III and Part IV studies for Ordinary and Honours Degrees of Bachelor of Science in Chemistry. Entry into the Programme is restricted to those students who have achieved a satisfactory standard in Chemistry I.

**Compulsory Courses:**

**Chemistry:**
- 552 Organic chemistry
- 553 Quantum chemistry
- 554 Kinetic theory and reaction kinetics
- 555 Chemical thermodynamics
- 556 Structure of matter
- 557 Co-ordination compounds
- 558 Systematic inorganic chemistry
- 559 Chemistry laboratory II
- Programme tutorial

**Mathematics:**
- 418 Advanced calculus*

**Applied Mathematics:**
- 464 Introduction to applied mathematics*
Optional Courses:

Either of the following combinations:

(a) Physics
506 Electricity and magnetism*
508 Elementary quantum mechanics*
509 Atomic and nuclear physics
512 Physics laboratory II
or
(b) Biology
603 Cell biology (second term only)
604 Introduction to plant physiology
605 Introduction to animal physiology

* The following advanced courses may be substituted, with the approval of the Professor in charge of the appropriate discipline:

Real analysis (411) in lieu of Advanced calculus (418)
Partial differential equations (463) in lieu of Introduction to applied mathematics (464)
Electromagnetic theory (502) in lieu of Electricity and magnetism (506)
Quantum mechanics (504) in lieu of Elementary quantum mechanics (508).

PART III PROGRAMMES

A student who satisfactorily completes any of the following Part III Programmes will have qualified for the award of the Ordinary Degree of Bachelor of Science.

In selecting their Part III Programme students should note that only certain of the Programmes lead to Honours work in the School.

P10 MATHEMATICS

This Programme leads to Honours work in Pure Mathematics. Entry into the Programme is restricted to students who have achieved a sufficiently high standard in the Programme P1.

Compulsory Courses:

422 Mathematics reading course C
423 Linear algebra C
424 Group theory
425 Ring theory
426 Topology
427 Lebesgue integration
428 Applications of Lebesgue integration
429 Differentiable manifolds
430 Riemannian geometry
431 Functional analysis

Optional Courses:

A further three topics chosen from Mathematics, Applied Mathematics or Physics, subject to the approval of the Professor in charge of Mathematics.

In exceptional cases, students may with the approval of the Board be permitted to take an additional course.
P11 MATHEMATICS

This Programme leads to Honours work in Statistics. Entry into the Programme is restricted to those students who have achieved a sufficiently high standard in the Programme P1.

COMPULSORY COURSES:
422 Mathematics reading course C
423 Linear algebra C
427 Lebesgue integration
428 Applications of Lebesgue integration
432 Distribution theory for random variables
433 Elements of stochastic processes
434 Techniques of statistical inference
435 Principles of statistical inference
436 Analysis of linear models
437 Multivariate analysis

OPTIONAL COURSES:
A further three topics chosen from Mathematics or Applied Mathematics, subject to the approval of the Professor in charge of Mathematics.
In exceptional cases, students may with the approval of the Board be permitted to take an additional topic.

P12 MATHEMATICS

This Programme normally leads to a general Ordinary Degree of Bachelor of Science in Mathematics, with an emphasis on the preparation of teachers. Entry into the Programme is restricted to students who have satisfactorily completed the Programme P1 or P2.

COMPULSORY COURSES:
419 Fundamentals of arithmetic and analysis or 420 Fundamentals of geometry
438 Mathematics reading course D

OPTIONAL COURSES:
Three of the following combinations. Combination (a) must be included if not completed in Part II.
(a) 413 Linear algebra A, 414 Linear algebra B, 415 Classical differential geometry
(b) 411 Real analysis, 412 Complex analysis
(c) 423 Linear algebra C, 424 Group theory, 425 Ring-theory
(d) 433 Elements of stochastic processes, 434 Techniques of statistical inference, 470 Linear programming
(e) 469 Finite difference solutions of partial differential equations, 470 Linear programming, 472 Special functions
(f) 472 Special functions, 477 Analytical mechanics, 478 Continuum mechanics
(g) Further courses equivalent to three topics, chosen from Physics, Chemistry, Biology or an Arts course with the approval of the Board.
P20 APPLIED MATHEMATICS

This Programme leads to Honours work in Applied Mathematics. Entry into this Programme is restricted to students who have achieved a sufficiently high standard in the Programme P1.

COMPULSORY COURSES:

472 Special functions
473 Boundary and initial value problems or 474 Potential theory
475 Field theory
477 Analytical mechanics
478 Continuum mechanics
479 Dynamic oceanography or 480 Dynamic meteorology
481 Applied mathematics reading course C

OPTIONAL COURSES:
Two of the following topics:
423 Linear algebra C
424 Group theory
427 Lebesgue integration
428 Applications of Lebesgue integration
429 Differentiable manifolds
430 Riemannian geometry
467 Approximation theory or 468 Transforms
469 Finite difference solutions of partial differential equations
470 Linear programming

One of the following topics:
515 Electromagnetic theory and relativity
516 Plasma physics
523 Quantum mechanics B
525 Transport processes

A further three topics chosen from Mathematics, Applied Mathematics, Physics or Chemistry, subject to the approval of the Professor of Applied Mathematics.

P21 APPLIED MATHEMATICS

This Programme leads to Honours work in Numerical Analysis. Entry into this Programme is restricted to those students who have achieved a sufficiently high standard in the Programme P1.

COMPULSORY COURSES:

467 Approximation theory or 468 Transforms
469 Finite difference solutions of partial differential equations
470 Linear programming
472 Special functions
473 Boundary and initial value problems or 474 Potential theory
475 Field theory
481 Applied mathematics reading course C
OPTIONAL COURSES:

Three of the following topics:

427 Lebesgue integration
428 Applications of Lebesgue integration
431 Functional analysis
477 Analytical mechanics
478 Continuum mechanics
479 Dynamic oceanography
518 Advanced quantum mechanics
523 Quantum mechanics B
525 Transport processes

A further three topics chosen from Mathematics, Applied Mathematics, Physics or Chemistry, subject to the approval of the Professor of Applied Mathematics.

P22 APPLIED MATHEMATICS

This Programme leads to an Ordinary Degree of Bachelor of Science in Applied Mathematics. Entry into this Programme is restricted to students who have satisfactorily completed the Programme P1 or P2.

COMPULSORY COURSES:

469 Finite difference solution of partial differential equations
470 Linear programming
472 Special functions
475 Field theory
477 Analytical mechanics
478 Continuum mechanics
482 Applied mathematics reading course D

OPTIONAL COURSES:

Three of the following topics:

413 Linear algebra A
414 Linear algebra B
419 Fundamentals of arithmetic and analysis (1968, 1970, ..)
420 Fundamentals of geometry (1969, 1971, ..)
433 Elements of stochastic processes

A further three topics chosen from Mathematics, Applied Mathematics, Physics, Chemistry or an Arts course, subject to the approval of the Professor of Applied Mathematics.

P30 PHYSICS

This Programme leads to Honours work in Theoretical Physics. Entry into the Programme is restricted to students who have achieved a sufficiently high standard in the Programme P3.

COMPULSORY COURSES:

472 Special functions
477 Analytical mechanics
515 Electromagnetic theory and relativity
516 Plasma physics
517 Nuclear theory
518 Advanced quantum mechanics
519 Physics reading course
523 Quantum mechanics B
525 Transport processes
STATUTES

526 Solid state science A
531 Physics laboratory III
Programme tutorial
461 Computational techniques (for 1968 only, if Elementary numerical analysis not taken in Part II in 1967).

OPTIONAL COURSES:

Four of the following topics:

414 Linear algebra B
415 Classical differential geometry
424 Group theory
426 Topology
427 Lebesgue integration
428 Applications of Lebesgue integration
431 Functional analysis
433 Elements of stochastic processes
462 Numerical analysis
473 Boundary and initial value problems
474 Potential theory
475 Field theory

P31 PHYSICS

This Programme leads to Honours work in Experimental Physics. Normally entry into the Programme is restricted to students who have achieved a sufficiently high standard in the Programme P3. However, students who have achieved a high standard in Programme P4 may be permitted to enrol in this Programme.

COMPULSORY COURSES:

472 Special functions
475 Field theory
477 Analytical mechanics
516 Plasma physics
519 Physics reading course
523 Quantum mechanics B
524 Electronics and circuit theory
525 Transport processes
526 Solid state science A
527 Nuclear and particle physics
529 Selected topics in theoretical physics
530 Physics laboratory III
581 Solid state science B
Programme tutorial
461 Computational techniques (for 1968 only, if Elementary numerical analysis not taken in Part II in 1967).

OPTIONAL COURSES:

One of the following topics:

413 Linear algebra A
414 Linear algebra B
417 Statistics
424 Group theory
433 Elements of stochastic processes
P32 Physics

This Programme leads to the Ordinary Degree of Bachelor of Science in Physics with supporting studies in Chemistry and may lead to Honours work in Chemistry. Entry into the Programme is restricted to students who have satisfactorily completed the Programme P3 or P4.

Compulsory Courses:
- 472 Special functions
- 523 Quantum mechanics B
- 524 Electronics and circuit theory
- 525 Transport processes
- 526 Solid state science A
- 527 Nuclear and particle physics
- 528 Discharge and plasma physics
- 529 Selected topics in theoretical physics
- 530 Physics laboratory III
- 553 Quantum chemistry
- 557 Co-ordination compounds
- 569 Statistical thermodynamics*
- 581 Solid state science B

Programme tutorial
- 461 Computational techniques (for 1968 only if Elementary numerical analysis not taken in Part II in 1967).

* Students who have taken Statistical mechanics (505) may be exempted from this course.

Optional Courses:
Two of the following topics:
- 558 Systematic inorganic chemistry
- 579 Surface chemistry
- 580 Reaction kinetics

P33 Physics

This Programme leads to an Ordinary Degree of Bachelor of Science in Physics with supporting studies in Mathematics. Entry into the Programme is restricted to students who have satisfactorily completed the Programme P3 or P4.

Compulsory Courses:
- 472 Special functions
- 523 Quantum mechanics B
- 524 Electronics and circuit theory
- 525 Transport processes
- 526 Solid state science A
- 527 Nuclear and particle physics
- 528 Discharge and plasma physics
- 529 Selected topics in theoretical physics
- 530 Physics laboratory III
- 569 Statistical thermodynamics*
- 581 Solid state science B

Programme tutorial
- 461 Computational techniques (for 1968 only if Elementary numerical analysis not taken in Part II in 1967).

* Students who have taken Statistical mechanics (505) may be exempted from this course.
STATUTES

OPTIONAL COURSES:
Three of the following topics:
411 Real analysis
413 Linear algebra A
414 Linear algebra B
417 Statistics
462 Numerical analysis
475 Field theory
477 Analytical mechanics

P40 CHEMISTRY

This Programme leads to Honours work in Organic Chemistry. Entry into the Programme is restricted to students who have satisfactorily completed the Programme P5.

461 Computational techniques
565 Inorganic chemistry A
566 Inorganic chemistry B
567 Organic chemistry A
568 Organic chemistry B
569 Statistical thermodynamics
570 Quantum chemistry and molecular spectroscopy
571 Chemistry laboratory III
572 Organic chemistry C
573 Organic chemistry D
574 Organic chemistry E
575 Organic chemistry F
576 Organic chemistry G
580 Reaction kinetics or 616 Development biology (third term only)
583 Organic chemistry laboratory
Programme tutorials

P41 CHEMISTRY

This Programme provides for specialisation in either inorganic chemistry or physical chemistry and leads to Honours work in these fields. Entry into the Programme is restricted to students who have satisfactorily completed the Programme P5.

COMPULSORY COURSES:
461 Computational techniques
464 Introduction to applied mathematics (second term only) or 472 Special functions
526 Solid state science A or 577 Solid state inorganic chemistry
565 Inorganic chemistry A
566 Inorganic chemistry B
567 Organic chemistry A
568 Organic chemistry B
569 Statistical thermodynamics
570 Quantum chemistry and molecular spectroscopy
571 Chemistry laboratory III
580 Reaction kinetics
Programme tutorials
Appropriate portions of 582 Inorganic chemistry laboratory and 584 Physical chemistry laboratory
OPTIONAL COURSES:
Two of the following topics:
464 Introduction to applied mathematics (third term only)
578 Inorganic chemistry C
581 Solid state science B

P42 CHEMISTRY
This Programme provides for specialisation in either inorganic chemistry or physical chemistry and leads to Honours work in these fields. Entry into the Programme is restricted to students who have satisfactorily completed the Programme P5.

COMPULSORY COURSES:
461 Computational techniques
526 Solid state science A
565 Inorganic chemistry A
566 Inorganic chemistry B
567 Organic chemistry A
568 Organic chemistry B
569 Statistical thermodynamics
570 Quantum chemistry and molecular spectroscopy
571 Chemistry laboratory III
578 Inorganic chemistry C
580 Reaction kinetics
581 Solid state science B
Programme tutorials
Appropriate portions of 582 Inorganic chemistry laboratory and 584 Physical chemistry laboratory (maximum 12 hr. per week in second and third terms).

OPTIONAL COURSES:
One or two of the following topics chosen in consultation with the Professor in charge of Chemistry:
472 Special functions
478 Continuum mechanics
525 Transport processes

Appendix C
For the purpose of Clause 4 of Schedule 5 the Council on the recommendation of the Board of the School of Biological Sciences has approved the following courses* within the Programmes:

* Subject to the approval of the Board of the School, a course in an Arts discipline may be taken in a Part II or a Part III Programme in lieu of one or more of these courses. Students wishing to take advantage of this provision should, in the first instance, consult the Chairman of the School of Biological Sciences.

PART II PROGRAMMES

B1 BIOLOGY
This Programme leads to studies for the Ordinary and Honours Degrees of Bachelor of Science in Biology. Specifically it leads to Programmes B10, B11 and B12 in Part III and to Honours studies in Biosystematics, Cell Physiology, Developmental Biology, Experimental Cytology and Genetics.
STATUTES

Part II

Biology
603 Cell biology
604 Introduction to plant physiology
605 Introduction to animal physiology
606 Statistics for biologists
607 Population genetics
608 Evolution of plant structure and function
609 Plant physiology
610 Animal physiology

Chemistry
552 Organic chemistry
556 Structure of matter
560 Chemistry laboratory IIS

B2 Biology with Chemistry

This Programme leads to studies for the Ordinary and Honours Degrees of Bachelor of Science in Biology. It is the main Programme leading to work in the field of Biochemistry, and specifically leads to Programmes B20, B21 and B22 in Part III. It leads to Honours studies in Biochemistry, Cell Physiology, Developmental Biology, Experimental Cytology, Genetics, and, with the permission of the Board, Biophysics. The main emphasis in the Programme will be on the biochemical regulation of growth, oxidation, and transport through biological membranes.

Biology
603 Cell biology
604 Introduction to plant physiology
605 Introduction to animal physiology
606 Statistics for biologists
607 Population genetics

Chemistry
552 Organic chemistry
553 Quantum chemistry
554 Kinetic theory and reaction kinetics
555 Chemical thermodynamics
560 Chemistry laboratory IIS

Mathematics
418 Advanced calculus or 411 Real analysis (subject to the approval of the Professor in charge of Mathematics)

B3 Biology

This Programme leads to studies for the Ordinary and Honours Degrees of Bachelor of Science in Biology. Specifically it leads to Programme B30 and to Honours studies in Biophysics and Cell Physiology.

Part II

Biology
603 Cell biology
604 Introduction to plant physiology
605 Introduction to animal physiology
606 Statistics for biologists
Physics
506 Electricity and magnetism
507 Optics and spectroscopy
512 Physics laboratory II

Chemistry
554 Kinetic theory and reaction kinetics
555 Chemical thermodynamics
556 Structure of matter
560 Chemistry laboratory II

Mathematics
418 Advanced calculus or 411 Real analysis (subject to the approval of the Professor in charge of Mathematics)

Applied Mathematics
461 Computational techniques
464 Introduction to applied mathematics

PART III PROGRAMMES

B10 BIOLOGY
This Programme leads to Honours work in Biosystematics, Developmental Biology, Experimental Cytology and Genetics.
615 Ecology and evolution
616 Developmental biology
621 Enzymology and general metabolism
623 Biochemical control mechanisms
624 Genetics
625 Experimental cytology

B11 BIOLOGY
This Programme leads to Honours work in Biosystematics, Cell Physiology, Developmental Biology, Experimental Cytology and Genetics.
615 Ecology and evolution
616 Developmental biology
617 Cell physiology
624 Genetics
625 Experimental cytology

B12 BIOLOGY
This Programme leads to Honours work in Biosystematics, Cell Physiology, Developmental Biology and Genetics.
615 Ecology and evolution
616 Developmental biology
617 Cell physiology
621 Enzymology and general metabolism
623 Biochemical control mechanisms
624 Genetics
STATUTES

B20  BIOLOGY WITH CHEMISTRY

This Programme leads to Honours work in Biochemistry and Developmental Biology. Entry into the Programme is restricted to students who have satisfactorily completed the Programme B2.

Biology
615  Ecology and evolution
616  Developmental biology
620  Biochemistry
625  Experimental cytology

Chemistry
567  Organic chemistry A
568  Organic chemistry B
569  Statistical thermodynamics
570  Quantum chemistry and molecular spectroscopy
571  Chemistry laboratory III (organic and physical portions)

Mathematics
*418  Advanced calculus or 411 Real analysis (subject to the approval of the Professor in charge of Mathematics)

B21  BIOLOGY WITH CHEMISTRY

This Programme leads to Honours work in Biochemistry, Cell Physiology, Developmental Biology and, with the permission of the Board, Biophysics. Entry into the Programme is restricted to students who have satisfactorily completed the Programme B2.

Biology
615  Ecology and evolution
616  Developmental biology
617  Cell physiology
620  Biochemistry
625  Experimental cytology

Chemistry
567  Organic chemistry A
568  Organic chemistry B
571  Chemistry laboratory III (organic portions)

Mathematics
*418  Advanced calculus or 411 Real analysis (subject to the approval of the Professor in charge of Mathematics)

B22  BIOCHEMISTRY AND GENETICS

This Programme leads to Honours work in Biochemistry, Developmental Biology and Genetics. Entry into this Programme is normally restricted to students who have satisfactorily completed the Programme B2 but in special cases, with the approval of the Board of the School, students who have satisfactorily completed the Programme Bl may enter this Programme.

Biology
615  Ecology and evolution
616  Developmental biology
620  Biochemistry

*1969 this course will be replaced by:
556  Structure of matter
557  Co-ordination compounds

94
Biology

This Programme leads to Honours work in Biophysics and Cell Physiology. Entry into the Programme is restricted to students who have satisfactorily completed the Programme B3.

Chemistry

624 Genetics
567 Organic chemistry A
568 Organic chemistry B
571 Chemistry laboratory III (organic portion)
Chemistry tutorial

Chemistry

569 Statistical thermodynamics

Physics

524 Electronics and circuit theory
525 Transport processes
531 Physics laboratory IIIS

Applied Mathematics

†461 Computational techniques

SCHEDULE 6: THE HONOURS DEGREE OF BACHELOR OF SCIENCE

1. A student may, subject to the approval of the appropriate Board, proceed to the Honours Degree in one of the following fields:

School of Physical Sciences:

Mathematics
Applied Mathematics
Physics
Inorganic Chemistry
Organic Chemistry
Physical Chemistry

School of Biological Sciences:

Biochemistry
Biophysics
Biosystematics
Cell Physiology
Developmental Biology
Experimental Cytology

† Included in 1968 only.
TUTURES

Genetics

2. A candidate for the Honours Degree shall not commence Part IV (Honours) until he has qualified at a satisfactory standard for the Ordinary Degree of Bachelor of Science in an appropriate Programme, or has such other qualifications as may be accepted by the appropriate Board.

3. The Tuition Fee for Part IV is $300, except that the Tuition Fee for Honours Mathematics is $240.

SCHEDULE 7: THE ORDINARY DEGREE OF BACHELOR OF EDUCATION

1. In Part I a student shall take a programme of studies as prescribed for Part I of the Ordinary Degree of Bachelor of Arts or Bachelor of Economics or Bachelor of Science.

2. In Part II a student shall take the course The Foundations of Educational Theory A (300) and either (a) the two basic courses of Part II of a Group prescribed for the Degree of Bachelor of Arts or the Degree of Bachelor of Economics; or (b) a portion equivalent to two-thirds of a Part II Programme in the School of Physical Sciences or in the School of Biological Sciences approved by the Council on the recommendation of the Board of the School of Social Sciences (see Appendix A).

3. In Part III a student shall take the following courses:

- 302 The Foundations of Educational Theory B
- 303 Psychology and Teaching of the Basic Subjects
- 304 Problems of Educational Practice A
- 305 Teaching Observation and Practice
- 306 Creative Activities (non-examinable)

4. After satisfactorily completing Part III a student must undertake a period of teaching internship approved by the Professor of Education extending over two terms during which he shall take the following courses:

- 308 Problems of Educational Practice B
- 309 Special Methods Course

5. The Tuition Fee for each Part is $288. Students not taking a complete Part in any year shall pay such appropriate proportion of the fee for the Part as the Council shall determine. The Tuition Fee for the teaching internship and the courses prescribed in Clause 4 shall be $144. The Supplementary Examination Fee for each course is $20.

APPENDIX A

To be drafted in 1968

SCHEDULE 8: THE HONOURS DEGREE OF BACHELOR OF EDUCATION

1. Students who have satisfactorily completed Part I, Part II and Part III of the Ordinary Degree of Bachelor of Education may, subject to the approval of the Board of the School of Social Sciences, proceed to the Honours Degree of Bachelor of Education.

2. In Part IV an Honours student shall take the following courses:

(a) A Part III course (or courses) approved by the Board of the School of Social Sciences in any discipline within the University other than Education;

96
(b) Two of the following courses:

310 Educational Psychology
311 Philosophy of Education
312 Sociology of Education
313 The Psychology and Education of Exceptional Children
314 History of Western Education
315 Statistics and Research Methods in Education

(c) 316 Teaching Observation and Practice including a special study in a chosen area of Methodology.

3. After satisfactorily completing Part IV a student must undertake a period of teaching internship approved by the Professor of Education extending over two terms during which he shall take the following courses:

308 Problems of Educational Practice B
309 Special Methods Course

4. The Tuition Fee for each Part is $288. Students not taking a complete Part in any year shall pay such appropriate proportion of the fee for the Part as the Council shall determine. The Tuition Fee for the teaching internship and the courses prescribed in Clause 3 shall be $144. The Supplementary Examination Fee for each course is $20.

7.2 Diplomas

1. There shall be a postgraduate Diploma in Education and a postgraduate Diploma in Social Administration in the School of Social Sciences.

2. Schedules defining the requirements for admission, the preliminary courses, the work to be undertaken for each diploma and the fees to be paid by students shall be drawn up by the Board of the School of Social Sciences and submitted to the Council for approval. The schedules shall take effect from the date of approval by the Council or such other date as the Council may determine, and shall be published in the next University Calendar.

3. The provisions of clauses 1, 5, 6, 7, 8, 9, 10, 12, 14, 15, 16, 17, 21, 22 and 23 of the Statute 7.1 Bachelors Degrees shall apply, mutatis mutandis, in the case of students enrolled for a diploma.

Schedule 1: The Diploma in Education

1. For admission to the course of studies for the Diploma in Education a candidate shall have satisfactorily completed Part I and Part II of the Ordinary Degree of Bachelor of Arts, Bachelor of Economics or Bachelor of Science.

2. To qualify for the Diploma a student shall have qualified for a degree as prescribed in clause 4 below, and have satisfactorily completed a course of studies which shall be divided into Part I (Preliminary course) and Part II.

3. Part I of the Diploma comprises the course The Foundations of Educational Theory A (300). Students may take this course

(1) as their cognate course for Part III of the Degree of Bachelor of Arts or Bachelor of Economics; or

* The alternative courses offered may be varied from time to time depending on staff availability.
(2) as a topic within Part III or Part IV of the Honours Degree of Bachelor of Arts in the School of Language and Literature; or
(3) by attending weekly seminars (320 The Foundations of Educational Theory S) during Part III of the Degree of Bachelor of Science or Bachelor of Economics and by additional study during the vacation immediately preceding and following Part III; or
(4) as a single course after qualifying for the award of an appropriate degree.

4. Except with permission of the Board of the School of Social Sciences, a student may not proceed to Part II of the Diploma unless he has satisfactorily completed Part I and has qualified for the Degree of Bachelor of Arts, Bachelor of Economics or Bachelor of Science of the University, or for another degree accepted for this purpose by the University. Provided that in 1969 only, students may enrol in Part II of the Diploma without having taken Part I; and such students shall take the course The Foundations of Educational Theory (321) in lieu of The Foundations of Educational Theory A (300) and The Foundations of Educational Theory B (302).

5. Part II of the Diploma represents one year's full-time study and comprises the following courses:
- 302 Foundations of Educational Theory B
- 322 Problems of Educational Practice
- 323 Special Methods
- 324 Teaching Observation and Practice
- 325 Prescribed reading or equivalent study within an area of major academic interest other than Education
- 326 Creative Activities (non-examinable)

6. The Tuition Fee for Part II of the Diploma is $288. The Tuition Fee for Part I is $96, but students taking Part I of the Diploma concurrently with Part III of their degree shall be exempt from such fee. Students not taking the complete Part II in one year shall pay such appropriate proportion of the fee as the Council shall determine. The Supplementary Examination fee for each course is $20.

**Schedule 2: The Diploma in Social Administration**

1. For admission to the course of studies for the Diploma in Social Administration a candidate shall:
   (1) have qualified for a degree of the University or another institution accepted for the purpose by the University;
   (2) have satisfactorily completed five undergraduate courses, including either one sequence to third-year level or two sequences to second-year level, in disciplines in the social and behavioural sciences approved by the Board of the School of Social Sciences*; and
   (3) be approved by the Board of the School of Social Sciences.

2. To qualify for the Diploma a student shall satisfactorily complete a course of studies which shall be divided into Part I and Part II.

3. Part I of the course of studies represents one year's full-time study and comprises the following courses:
- 280 Individual and Social Development

*The approved disciplines include Anthropology, Biology, Economics, Geography, History, Law, Philosophy, Politics, Psychology and Sociology.
4. Part II of the course of studies begins on the fifth Monday of the year and concludes with annual examinations in the first week of third term. It involves the equivalent of three terms of full-time study and comprises the following courses:

284 Administration in Social Welfare B
285 Social Work B
286 Field Work

5. The Tuition Fee for each Part is $288. Students not taking the complete Part I in any year shall pay such appropriate proportion of the fee for the Part as the Council shall determine.

7.3 Higher Degrees

1. There shall be Degrees of Master of Arts, Master of Economics, Master of Education, Master of Science and Doctor of Philosophy. These degrees shall be administered by the Academic Committee.

2. Each candidate for a higher degree must register as a graduate student in one of the Schools of the University.

3. Any student who holds an Honours Bachelor's Degree of The Flinders University of South Australia, or who holds qualifications deemed to be equivalent, may register as a graduate student, subject to the approval of his candidature and his programme of studies by the Academic Committee on the recommendation of the Board of the appropriate School.

4. A candidate shall not be registered as a graduate student unless it appears that the proposed programme of studies can be conveniently pursued and supervised within the University and that the candidate is well qualified to undertake it. The Board of the appropriate School shall make recommendations to the Committee on these matters.

5. Candidates who do not hold an Honours Degree of the University may be required to undergo a qualifying examination as a condition of registration as a graduate student.

6. The Committee may in special cases and subject to such conditions (if any) as the Committee may impose in each case, accept as a graduate student a person who does not hold a degree of a university, but has given evidence satisfactory to the Committee of his fitness for higher degree studies.

7. A candidate wishing to be registered as a graduate student shall make application to the Registrar submitting an outline of the studies which he proposes to pursue and details of his qualifications for undertaking them.

8. The Committee may accept a candidate as a graduate student at any time, and shall specify the month from which his candidature shall be dated.

9. In the case of each graduate student the Committee shall appoint one or more internal supervisors, one of whom shall be specified as chief supervisor. In special circumstances, an additional external supervisor may be appointed.

10. A graduate student shall devote his whole time to his approved studies, either at the University itself, or on some form of approved field-work under the supervision of a member of the academic staff of the University; pro-

1. Introduced in 1967.
vided that a candidate who is able to devote sufficient time to his studies may be accepted by the Committee as a part-time graduate student, subject to such conditions as the Committee may determine.

11. Each graduate student shall pursue his approved studies to the satisfaction of the Committee under the supervision of his supervisor or supervisors, and under any special conditions that may be specified in his case. At the end of each calendar year each supervisor shall submit a formal written report on the work of each student in his charge. He shall also report to the Chairman of the Committee when in his opinion a student is not making satisfactory progress in his work, is otherwise not fulfilling the conditions laid down for him, or appears unlikely to reach the standard of the degree.

12. Schedules specifying the nature and extent of the work to be completed and the Registration Fee to be paid by candidates for higher degrees shall be drawn up from time to time by the Committee and submitted to the Council. Such schedules shall become effective as from the date of approval by the Council or on such other dates as the Council may determine, and shall be published in the next University Calendar which is issued after that approval has been given.

13. If in the opinion of the Committee a graduate student is not making satisfactory progress, the Committee may at any time withdraw its approval of his registration and the student shall cease to be registered as a graduate student.

14. At the appropriate time the Committee shall appoint examiners for each candidate. On receipt of the reports of the examiners, the Committee shall recommend:

(a) that an appropriate degree be awarded; or
(b) that an appropriate degree be awarded, subject to such minor amendments to the thesis as the examiners may suggest; or
(c) that a degree be not awarded but that the candidate be permitted to re-submit his thesis, or take such further examination as the Committee shall prescribe, or both; or
(d) that a degree be not awarded and that the candidate be not allowed to present himself again.

15. On completion of his work a candidate proceeding to a higher degree either wholly or partly by thesis shall lodge with the Registrar four copies of his thesis prepared in accordance with the rules for theses approved by the Committee.

16. Students who have fulfilled all the conditions prescribed for any degree shall be entitled to be admitted to that degree.

SCHEDULE 1: MASTER'S DEGREES

1. A graduate student may not qualify for a Master's Degree until the expiration of one year from the date upon which he qualified for the Honours Degree or its approved equivalent, or two years from the date upon which he qualified for the Ordinary Degree or its approved equivalent.

2. Except with the permission of the Academic Committee no full-time graduate student may proceed to a Master's Degree more than two years, and no part-time student more than three years, from the month from which his candidature was dated.
3. A candidate wishing to proceed to the Degree of Master of Education must have qualified for the Diploma of Education of the University or hold an equivalent qualification, unless he holds the Degree of Bachelor of Education.

4. When approving a candidate's programme of studies, the Committee shall determine whether the candidate shall take the degree by examination or by thesis or by both.

5. The Registration Fee for full-time students is $144 a year and for part-time students is $72 a year.

**Schedule 2: The Degree of Doctor of Philosophy**

1. Except by permission of the Academic Committee, each candidate for the degree shall pursue his approved studies within the University for a period of not less than two and not more than four years from the month from which his candidature was dated, provided that:

   (a) the Committee may permit a candidate to pursue at another University or approved institution such part of his studies as it thinks fit; normally the candidate will be required to work for at least two years within the University, but in exceptional circumstances, the Committee may approve a reduced period under such conditions as the Committee shall determine in each case;

   (b) in any year of his candidature a candidate may be permitted by his supervisor to spend not more than nine weeks away from the University on field work; any period in excess of nine weeks must be approved in advance by the Committee;

   (c) in the case of an approved part-time candidate, the Committee may grant such extension of time as it thinks fit.

2. Each candidate for the degree shall at the end of his approved studies or by the end of the fourth year from his registration, present a thesis embodying the results of the work done during his candidature and containing a significant contribution to knowledge or scholarship within the scope of his subject, provided that, in exceptional circumstances and by special permission of the Committee, an extension of time after the fourth year may be allowed.

3. Material previously presented for any other degree shall not form a substantial part of the thesis presented for the Degree of Doctor of Philosophy.

4. In the case of candidates without an Honours or Master's Degree, no work required before the completion of any qualifying examination shall be presented for the Degree of Doctor of Philosophy without the approval of the Committee.

5. Normally two of the examiners appointed by the Committee shall be external.

6. On completion of his work the candidate may be required to undergo an oral examination.

7. The Registration Fee for full-time students is $144 a year and for part-time students is $72 a year.
STATUTES

Rules for Theses

Submission and presentation

The four bound copies of the thesis, to be lodged with the Registrar when a thesis is submitted for examination under Clause 15 of the Statute shall include the top and second typewritten copies.

Candidates are advised to consult the following publications for guidance in the preparation of theses:

Australia, C.S.I.R.O., Guide to authors (Melb., C.S.I.R.O., 1953)

Trelease, S. F., How to write scientific and technical papers (Baltimore, Williams and Wilkins, 1958)

Royal Society of London, General notes on the preparation of scientific papers (Lond., Royal Society, 1950)


La Nauze, J. A., Presentation of historical theses: notes for university students (Melb. Univ. Pr., 1966)

Critchley, B., Preparation of manuscripts and correction of proofs, 2nd ed. (Cambridge Univ. Pr., 1964)

Unless otherwise approved by the Librarian, theses shall be presented in the following form:

(1) Typed on quarto paper, on one side of the paper only, double spaced.

(2) Margins at least 1¼ inches on the left hand side and ¾ inch on the right hand side and sufficient at top and bottom to allow for trimming during binding.

(3) The thesis should incorporate in the following order:

(a) a title page giving the title of the thesis in full, the names and degrees of the candidate, the name of the School of the University associated with the work and the date when submitted "for the degree; (b) a table of contents;

(c) a summary in not more than 500 words; (d) the following statement signed by the candidate:

"This thesis does not incorporate without acknowledgement any material previously submitted for a degree or diploma in any University, and to the best of my knowledge and belief, does not contain any material previously published or written by another person except where due reference is made in the text."

(e) an acknowledgement of help given or work carried out by any other person or organisation; (f) the main text; (g) appendices, if any; (h) bibliography.

(4) Diagrams, figures, photographs, etc., should preferably be drawn or photographed on quarto paper. All full page figures should form a right-hand page with the legend either at the bottom, or, if necessary, on the page facing the figures. If diagrams, figures, photography, etc., are to be mounted on a page, a dry mounting process should be used.

(5) Wherever possible tables should be inserted in the appropriate place in the text, except that lengthy or bulky tables should appear as an appendix.

(6) Diagrams, maps, tables, etc., exceeding quarto size, should be folded so as to read as a right-hand page when open.
(7) The thesis must be sewn, trimmed and bound with stiff covers covered with dark cloth. (A loose-leaf binder of the spring-type or screw-type is not acceptable.)

(8) On the spine of the thesis should be given, in gold lettering of suitable size, the surname of the candidate and the title of the thesis, abbreviated if necessary. If the lettering will not fit across the spine it should run along the spine reading from top to bottom.

(9) When published papers are submitted as additional evidence they should be bound in the back of the thesis as an appendix.

Access and conditions of use

(1) When a thesis is accepted for the award of a degree, the top and second copies shall be lodged in the Library. The top copy shall not be available for loan. In appropriate cases the second copy may, by arrangement with the Librarian, be housed in a School. This second copy must be available for loan to approved borrowers on demand.

(2) Requests from an author to restrict access to a thesis will be considered only on the grounds that a thesis contains confidential material or that it was a condition imposed by the owner of private records and material used by the author. Such requests will be considered by the Academic Committee.

(3) Academic staff and research students of the University may consult any thesis without the prior consent of the author unless a restriction has been placed on it.

(4) For three years after the degree has been awarded, other readers must obtain the consent of the author or the head of the discipline or the Librarian before consulting a thesis.

(5) For three years after the degree has been awarded, no copy may be made of the thesis or part of it without the prior consent of the author.

(6) On the degree being awarded each candidate shall be asked if he is prepared to waive the conditions in clauses (4) and (5).

(7) Every person consulting a thesis is required to sign a statement acknowledging that he has been given access to the thesis for consultation only and that no part will be published or paraphrased without the prior consent of the author and that the author's literary rights will be respected.

7.5 Degrees of Doctor of Letters and Doctor of Science

1. There shall be a Degree of Doctor of Letters and a Degree of Doctor of Science.

2. To be eligible to become a candidate for a higher doctorate a person shall either be a graduate of the University of at least five years standing, or hold equivalent qualifications in another university or institution recognized for the purpose by the University and have a substantial association with the University.

3. A person wishing to become a candidate shall furnish satisfactory evidence that he has made a substantial and scholarly contribution to the advancement of letters, the arts or science. On the basis of such evidence the Board of the appropriate School shall determine whether or not to accept him as a candidate for the appropriate degree.
4. The award of the degree shall be determined on a consideration of such of his published work and any unpublished work that the candidate may submit in support of his candidature.

5. A candidate in submitting his published or unpublished work shall state the main sources from which his information is derived and the extent to which he has availed himself of the work of others, especially where joint publications are concerned. A candidate shall indicate what part, if any, of the work submitted for the degree has been submitted for another degree in any university.

6. The candidate shall lodge with the Registrar three copies* of the work submitted for the degree. The Academic Committee on the recommendation of the Board of the appropriate School shall appoint examiners, at least two of whom shall be external to the University.

7. After considering the reports of the examiners, the Board of the appropriate School may recommend to the Council that the degree be awarded.

8. The fee to be paid on acceptance as a candidate shall be prescribed from time to time by the Council.**

7.6 Prizes and Scholarships

1. The Council may make rules governing the award of any prize or scholarship within the University.

2. The Council may vary the rules from time to time but the title and purpose of any prize or scholarship shall not be changed.

3. Only students who are taking the relevant examination or examinations for the first time shall be eligible for the award of any prize or scholarship awarded on performance in such examination or examinations.

4. A prize or scholarship shall be awarded only if there is a student considered to be of sufficient merit.

7.7 Admission to Degrees

1. A candidate for admission to a degree in the University shall be presented by the Chairman of the School in which he has qualified for his degree to the Chancellor at a ceremony for the purpose at such time as the Council shall determine. Provided that the Chancellor may appoint a substitute for himself or for a Chairman, and that a candidate may be admitted either in absentia or on attendance at a meeting of the Council if the Council so approves.

2. The forms of presentation for, and admission to, a degree shall conform to the following—

*Form of Presentation:*

Mr. Chancellor, I present to you ................................................................................................................... 
who has fulfilled the conditions prescribed for admission to the Degree of ................................................................................................................................................
in the School of ...........................................................................................................................................

*Form of Admission:*

In the name of the University, I admit you ........................................................................................................to the Degree of.......................................................................................................................in The Flinders University of South Australia.

* The Rules for Theses apply for the presentation of unpublished material.

** The Council has prescribed a fee of $144 on acceptance as a candidate.
3. The Council may resolve to admit any person *honoris causa* to any degree for distinction in scholarship, letters, the arts or public service on the recommendation of the Honorary Degrees Committee which shall comprise the Chancellor, the Vice-Chancellor and the Chairmen of the Schools.1

4. The admission of a candidate to a degree of the University shall be evidenced by a certificate given under the common seal of the University.

7.8 *Academic Dress*

1. The academic dress for undergraduates shall be a plain black gown with open sleeves.

2. The academic dress for graduates of the University shall be gown, hood and cap as set out in clauses 3 to 7 below.

3. The gown shall be:

   (1) for *Bachelors*: a plain black gown with open sleeves, slit vertically from the shoulders and caught together at the bottom of the slit;
   
   (2) for *Masters*: a plain black gown with glove sleeves, having horizontal slits to free the arms;
   
   (3) for *Doctors of Philosophy*: a gown of dark blue with short wide sleeves, the gown and sleeves faced with scarlet to the width of three inches;
   
   (4) for *Doctors* (other than of Philosophy): a gown of scarlet with short wide sleeves, the gown and sleeves faced with the same colour as the piping of the hood to the width of three inches.

4. The hood shall be a rounded cape of dark blue without a liripipe:

   (1) for *Bachelors*: lined with white and having coloured piping to the width of half an inch;
   
   (2) for *Masters*: lined with pale blue and having coloured piping to the width of half an inch;
   
   (3) for *Doctors of Philosophy*: lined with scarlet;
   
   (4) for *Doctors* (other than of Philosophy): lined with scarlet and having coloured piping to the width of half an inch.

5. The cap shall be:

   (1) for *Masters*: a black trencher cap with black tassel;
   
   (2) for *Doctors of Philosophy*: a black trencher cap with dark blue tassel;
   
   (3) for *Doctors* (other than of Philosophy): a black velvet bonnet with dark blue cord and tassel.

6. The colour of the piping shall be:

   (1) for *graduates in Arts*: gold;
   
   (2) for *graduates in Science*: mauve;
   
   (3) for *graduates in Economics*: dark red.

7. The styles and colours of gowns, hoods, pipings and caps shall be matched to standard samples held by the Registrar.

8. The ceremonial dress for the Chancellor, the Vice-Chancellor and for other officers shall be as approved by the Council from time to time.

9. The ceremonial dress of members of the Council and of Boards of the Schools who are not graduates shall be the same as the academic dress for the Doctor of Philosophy, but without the scarlet facings on the gown and without a hood.

RULES APPLICABLE TO STUDENTS ON UNIVERSITY PREMISES

A. GENERAL RULES

1. The attention of all students is drawn to the By-laws made under The Flinders University of South Australia Act and to Statute 6.4 Discipline, which are published in the University Calendar.

2. Any member of the academic staff may dismiss any student from his class for any cause he shall deem sufficient; or he may report any breach of discipline to the Board of Discipline for action.

3. The fees paid by any student excluded from classes for disciplinary reasons shall not be refunded to him unless the Council shall otherwise determine.

4. The possession of firearms, fireworks, home-made explosives or explosive material of any kind on the University grounds or in any University building is forbidden.

B. LABORATORY RULES

1. For students taking regular courses involving laboratory work, an appropriate laboratory will be open daily during term time (Saturdays, Sundays and public holidays excepted) at such hours as shall be considered necessary by the Professor concerned. Persons engaged in advanced work or original research may work at such additional times as the Professor may arrange.

2. The facilities of a laboratory will also be made available for original research carried on by students or graduates not proceeding to a degree in the University at such times and under such conditions as the appropriate Professor may determine; the fee for use of a laboratory and its facilities, and the charges for materials, to be determined in each case.

3. Paper and refuse of any kind must be placed in the receptacles provided for the purpose. No solid material of any kind shall be thrown into sinks.

4. Students are responsible for the cleanliness of their apparatus and work places or benches, which must be left clean and tidy after each practical session.

5. All preparations and equipment made from materials supplied by the University shall remain the property of the University.

6. Large or expensive pieces of apparatus will be supplied for use by students, but a student may be required, on such basis as the Chairman of the School may determine, to make good any damage or breakage for which he is responsible.

7. No experiments of a dangerous nature may be performed without the express sanction of the Professor concerned.

8. Any accident must be reported at once to the person currently in charge of the laboratory.

9. The Chairman of a School may impose a fine not exceeding $10 for any breach of discipline, misconduct, misuse of apparatus or reagents, or waste of gas, water or electricity, or he may report any misconduct or offence on the part of a student to the Board of Discipline for such action as the Board may think fit. If he imposes a fine, the Chairman shall report in writing to the Registrar the amount of such fine, and the reason for it; and the fine shall be paid to the Registrar within seven days of the time of its imposition.
THE LIBRARY

The Library's holdings now total more than 100,000 volumes representative of many fields of knowledge but with particular emphasis on the immediate curriculum and research requirements of the staff and students.

A reference and bibliography collection is located adjacent to the catalogue on the entry level on the first floor of the Library building. Reference staff are on duty in this area to assist readers in the use of the Library. Also on this level are the circulation desk, the current periodicals, and the new book display. Approximately 3,000 periodicals are taken, and new issues are displayed for the first two weeks after they have been received. Bound volumes of periodicals are shelved on the second floor.

A Reserve Book Reading Room for books on reading lists and in heavy demand is located on the second floor and the main book collection is on the third floor. There are seats for readers on all three floors.

The Science Collection, a small working collection of research periodicals and monographs, is located in the School of Physical Sciences. Special provision has been made in the Library building for the use of microfilm, tapes, and records, and for people wishing to use their own typewriters. Loans from other libraries can be arranged through the reference staff. The University Photographic Service is located on the top floor of the Library. Other copying facilities include a coin-in-the-slot photocopier and a Xerox copier.

Guides to the use of the Library and the catalogues are available at the circulation counter and reference desks where copies of the Library Rules and conditions of loan are also available. All readers should ensure that they obtain sets of these. Introductory tours of the Library are held on each day of the first week of first term.

Library Rules

OPENING AND CLOSING OF THE LIBRARY

1. Except on Saturdays, Sundays, public holidays and such other occasions the Council on the recommendation of the Academic Committee may direct that it be closed, The Library shall be open from 9.00 a.m. to 5.00 p.m. It shall also be opened at such other times as the Council on the recommendation of the Academic Committee may direct.

PERSONS ENTITLED TO USE THE LIBRARY

2. The following persons are entitled to read in The Library:
   (a) Members of the University Council.
   (b) Members, full-time or part-time, of the academic staff of the University of the status of Tutor or Demonstrator and above, the teaching staff of the Bedford Park Teachers College having equivalent status, and members of the Board of any School.
THE LIBRARY

(c) Officers of The Registry or the Bedford Park Teachers College whose status is that of Administrative Assistant or higher.
(d) Officers of The Library or the Library of the Bedford Park Teachers College whose status is that of Library Assistant or higher.
(e) The Heads and Deputy Heads of Halls of Residence and affiliated Colleges.
(f) Laboratory Managers, Chief Technicians, Senior Technicians, Technicians, Senior Research Assistants and Research Assistants.
(g) Postgraduate students.
(h) Undergraduate students enrolled for courses of study in the University.
(i) Graduates of the University.
3. Other persons who wish to study in The Library may, on application to the Librarian, be permitted to do so for specified periods.

CONDUCT OF READERS

4. Books are not to be removed from The Library, except in accordance with the provisions of Section IV.

5. (a) Readers who in the opinion of the Librarian or officer in charge have been guilty of misconduct or who interfere with the comfort of other readers, make excessive noise, cause damage in The Library, or disfigure a book in any way, may be excluded for the remainder of that day by the Librarian or officer in charge, and shall make good any damage caused; they may also be deprived of the use of The Library for such time as the Council (in the case of students on the recommendation of the Board of Discipline) may determine. The Librarian may impose a fine not exceeding $10.00 for any misconduct or breach of the Rules, or he may report any misconduct or offence to the Council or, in the case of a student, to the Board of Discipline for such action as the Council or the Board may think fit. If he imposes a fine he shall report in writing to the Registrar of the University the amount of such fine, and the reason for it; and the fine shall be paid to the Registrar within seven days of its imposition.
(b) Bags, cases, ink in bottles or food may not be taken into the Library.
(c) A person may not reserve a reading place during his absence from The Library.
(d) Smoking in The Library is not permitted.
(e) Footwear which may damage the floor must not be worn.

BORROWING OF BOOKS

6. The following persons are entitled to borrow books and periodicals:—
(a) Those persons referred to in Section II clause 2 (a), (b), (c), (d), (e), (f) and (g).
(b) Such other persons as the Librarian may from time to time approve.
7. The following persons are entitled to borrow books, but not periodicals:—
(a) Those persons referred to in Section II clause 2 (h) and (i).
(b) Such other persons as The Librarian may from time to time approve.
8. The conditions of loan shall be determined from time to time by the Academic Committee and approved by the Council. (For the current conditions of loan see Appendix.)
9. So long as any fine imposed under these Rules remains unpaid, or so long as any person keeps a book to which he is not entitled, the right of the defaulter to use The Library is suspended.

10. No publications lodged in Schools by arrangement with the Librarian may be borrowed for use outside the Schools except through The Library.

11. The Council on the recommendation of the Academic Committee may vary any of the foregoing Rules at any time either in specific cases or generally.

Appendix

Conditions of Loan Under The Library Rules, Section IV (8)

1. The persons referred to in Section II clause 2 (a), (b) and (g) may borrow books from the main book collection for a period of four weeks in the first instance. Loans may be renewed for a further period if in the meantime there have been no applications for the books. Bound and unbound periodicals may be borrowed for a period of one week and these loans are renewable only at the discretion of The Librarian. Books from the Reserve Collection are available for overnight and weekend loan only. Specially reserved books and periodicals may be borrowed only by permission of the Librarian. Microform material and books from the Special Collection are available for loan only at the discretion of the Librarian. Books in the Reference Collection, Rare Book Room and Newspaper Collection are not available for loan.

2. Persons referred to in Section II clause 2 (c), (d), (e) and (f) may borrow books from the main book collection for periods of four weeks. No borrower shall be allowed to have in his possession more than four volumes belonging to The Library. These loans are not renewable except at the discretion of The Librarian. Bound and unbound periodicals may be borrowed for a period of one week and these loans are not renewable for further periods. Books from the Reserve Collection may be available for overnight or weekend loan only. Specially reserved books and periodicals may be borrowed only by permission of the Librarian. Books from the Reference Collection, Special Collection, Rare Book Room, and Newspaper Collection, and microform material, are not available for loan.

3. Persons referred to in Section II clause 2 (h) may borrow books from the main book collection for a period of two weeks. No borrower shall be allowed to have in his possession more than four books belonging to The Library. These loans are not renewable for further periods. Honours students may renew loans once only for a further period of two weeks at the discretion of the Librarian, if, in the meantime, there has been no other application for the book. Books from the Reserve Collection may be borrowed only overnight or at weekend at the discretion of the Librarian. Specially reserved books may be available for weekend loan only. Bound and unbound periodicals, books from the Reference Collection, Special Collection, Rare Book Room, and Newspaper Collection, and microform material, are not available for loan.

4. Persons referred to in Section II clause 2 (i) may borrow books from the main book collection for periods of four weeks. No borrower shall be allowed to have in his possession more than four volumes belonging to The Library.
These loans are not renewable except at the discretion of the Librarian. Bound and unbound periodicals, books from the Reserve Collection, Reference Collection, Special Collection, Rare Book Room, and Newspaper Collection, and microform material are not available for loan.

5. Every book borrowed from The Library must be returned by the date due as shown on the copy loan form. The penalty for keeping any volume beyond the specified time is 10 cents a day.

6. Books in the Reserve Collection may be borrowed only in the period beginning one and a half hours before The Library is closed, except that on Fridays they may be borrowed after 4:30 p.m., and must be returned no later than fifteen minutes after The Library is next opened. The penalty for keeping any such volume beyond the specified time is 25 cents an hour.

7. Volumes borrowed personally from The Library must be returned to The Library by hand. The penalty for return by any other means (e.g., by post) will be 25 cents a volume.

8. For each book borrowed a loan form must be filled in and deposited with the Librarian. No book may in any circumstances be taken out of The Library until a loan form has been given for it. Any infringement of this clause renders the borrower liable to a fine not exceeding $10.00 a volume.

9. Notwithstanding the conditions of loan in operation at any time under Section IV of the Rules the Librarian may recall a book at any time, and thereupon the book shall be returned within three days of the date of the notice. The penalty for keeping any such volume beyond the specified time is 10 cents a day.

10. All publications on loan from The Library shall be returned on a date to be fixed each year by the Librarian for the annual check. The Library shall be closed for borrowing during the period needed to complete the annual check.

11. Borrowers of books shall be held responsible for any loss, injury, mutilation, or disfigurement by writing or other marks, and shall be required to pay the full cost of replacing or repairing such books, and may also, at the discretion of the Council (in the case of students, on the recommendation of the Board of Discipline), be fined or deprived of the use of The Library.

12. No book or periodical shall be borrowed until it has been in The Library at least seven days after being catalogued.

13. Except as provided in clause 6, books may be borrowed until fifteen minutes before closing time.

14. Notwithstanding anything in the above the Librarian shall have discretion to issue books for special purposes for such periods of time and under such conditions as he shall determine.
THE UNION

The Flinders University Union is an association of members of the University Council, staff, graduates and students. Its main objectives are to promote the welfare of the University, to co-ordinate the non-academic activities of the University, and to provide a common meeting ground for all its members. Thus the building known as “The Union” contains such facilities as may enable it to be a unifying force in the life of the University. It has club rooms, music listening rooms, a table tennis room, a dance floor, recreation lounges and common rooms where its members may meet together and talk over matters of mutual interest, engage in cultural, religious or political activities, or simply relax quietly with a newspaper or periodical.

The Union is situated within easy reach of the Library, the Theatre and the academic buildings and this central position on the campus assists in the task of widening the social, cultural and recreational experiences of the students.

Another important function of the Union is to supply the everyday needs of both staff and students. Its cafeteria is capable of meeting the lunch and evening meal requirements of all on the campus, and it offers light refreshments, confectionery and soft drinks throughout the day. Its amenities include lockers, rest room, and general office for various services, including housing and vacation employment. It contains a non-official post office where mail and telegrams may be lodged, stamps and postal orders purchased, and where lost property may be recovered and theatre bookings made. A retail store, a bookshop and a bank are operating in the Union building and have been designed to suit the convenience of staff and students.

The Union also houses the offices of the Students Representative Council and a Staff Club with facilities for meals and recreation for members of the academic staff and senior library and administrative staff members.

All the bodies comprising the Union have representatives on the Union Board which is responsible to the University Council for the conduct of the affairs of the Union and the management of its premises.

The Union Board believes that students should be given opportunities to accept responsibility for the management of affairs which are so much their concern. Accordingly, all committees of the Union have substantial student representation.

Chairman: Professor R. G. BROWN

Chairman of the House Committee: Dr. K. E. DIXON

Chairman of the Finance Committee: Mr. J. W. HAYLES

Secretary: Mr. A. E. MITCHELL (Director of Union Services)

Treasurer: Mr. K. D. MILLEN

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THE UNION

Constitution of The Flinders University Union

NAME

1. There shall be an association of members of the Council, Staff, Graduates and Students of The Flinders University of South Australia to be known as The Flinders University Union which shall be responsible to the University Council.

DEFINITIONS

2. In this constitution and any regulations made thereunder:
   "University" means The Flinders University of South Australia
   "University Council" means the Council of The Flinders University of South Australia
   "Union" means The Flinders University Union
   "Board" means the Union Board.

OBJECTS

3. The objects of the Union are:
   (a) To promote the welfare of the University,
   (b) To promote and coordinate the extra-curricular activities of the University,
   (c) To promote the general culture and well-being of its members,
   (d) To provide and maintain for its members a common meeting ground and social centre and such other facilities as may be necessary to secure the further objects of the Union,
   (e) To represent its members whenever such representation is necessary or desirable, and to afford a recognised means of communication between its members and the university authorities,
   (f) To secure the co-operation of university men and women in furthering the interests of the University,
   (g) To co-operate with any university body or organisation having kindred aims.

MEMBERSHIP

4. (1) The following shall be eligible for membership of the Union and shall become members on fulfilment of the prescribed conditions:
   (a) University Members
      Members of the University Council and persons eligible to join The Flinders University Staff Club shall be members.
   (b) Graduate Members
      Graduates of the University or of any university recognised by the University shall be members on payment of the annual subscription determined by the Board.
   (c) Student Members
      (i) Students enrolled in the University shall be members on payment of such annual fee as may be prescribed by the University Council or such reduced fee as may be allowed by the University Council.
(ii) Students of the Bedford Park Teachers' College who are not enrolled in the University shall be members on payment of such annual fee as may be agreed upon between the University Council and the Teachers' College.

5. Visitors from other universities may be admitted to honorary membership for a period not exceeding one month at any time or three months in all in any one year on being nominated by any two members of the Union: provided always that no such honorary member shall be entitled to vote at any meeting or ballot held by the Union. Should such visiting members desire membership exceeding one month at any one time, or three months in all in any one year, they shall pay such subscription as the Board may determine.

6. The Board may, by a two-thirds majority of the whole Board, elect any member or servant of the Union as a life member of the Union in appreciation of services rendered to the Union.

7. Membership shall cease in any of the following events, namely:
   (a) A member's failure to pay before June 30th in each year the annual fee or the annual subscription as prescribed in clause 4,
   (b) A member's failure to discharge any financial obligation to the Union within such time as may be prescribed or approved by the Board,
   (c) A member's ceasing to be eligible for membership,
   (d) A member's being expelled by the Board.

8. The Board may expel or suspend from membership for a specified time any member found guilty of misconduct on Union premises or in the course of activities sponsored by the Union, provided that
   (a) the member shall be given a reasonable opportunity to appear before the Board, to present his defence and to call witnesses on his own behalf;
   (b) both the finding of guilt and the penalty shall be approved by two-thirds of the members of the Board present and voting;
   (c) the Board shall refrain from considering any alleged offence which has been referred to the Board of Discipline of the University unless the Board of Discipline remits the complaint to the Board for determination;
   (d) any person expelled from the Union or suspended for a period longer than 30 days may appeal to the University Council.

The Union Board

9. The affairs of the Union shall be managed by a Board.

10. The Board shall consist of the following members:
   (a) *Ex Officio Members:*
      (i) The Registrar of the University, the Director of Union Services, the Accountant of the University or his deputy.
      (ii) If the Chairman of the Board, the Chairman of the Finance Committee of the Union, or the Chairman of the House Committee of the Union are not members of the Board, they shall become members *ex officio* on their appointment.
   (b) *Appointed Members*
      (i) One to be appointed annually by the University Council.
      (ii) Two to be appointed annually by The Flinders University Staff Club.
THE UNION

(iii) Two members of The Flinders University Sports Association Council to be appointed annually by the Sports Association Council provided that at least one shall be a student member.

(iv) One to be appointed annually by The Flinders University Post-graduate Students Association.

(v) Six to be appointed annually by the Students Representative Council.

(c) Co-opted Member

The Board shall have the power to co-opt one person annually.

11. (1) The Board shall meet regularly for the despatch of its business at such intervals as it may from time to time determine.

   (2) The regular meetings shall be convened by the Secretary, or in the Secretary's absence, by the Chairman.

   (3) A special meeting shall be called by the Chairman either at his own request, or on receipt by the Secretary of a requisition from five members of the Board.

   (4) The quorum for a meeting of the Board shall be seven members.

   (5) The Board shall determine the manner in which it conducts its business.

12. The Board year shall be from October 1st to September 30th, and appointed members for the ensuing year shall be appointed not later than August 31st; provided that:

   (a) If any appointment has not been made before the beginning of the Board year the retiring member shall remain in office until his successor has been appointed;

   (b) Any casual vacancy occurring during the year shall be filled by the appointing body for the remainder of that Board year.

13. A member of the Board shall cease to be a member:

   (a) upon submitting his resignation in writing to the Secretary; or

   (b) upon resolution of the body appointing him.

OFFICERS

14. At its first meeting each year the Board shall elect a Chairman, who need not be a member.

15. The Secretary of the Union shall be the Director of Union Services or his deputy.

16. The Treasurer of the Union shall be the Accountant of the University or his deputy.

17. The Board shall appoint annually an auditor or auditors.

COMMITTEES

18. The Board may set up from time to time such committees as it may deem expedient.

19. (1) There shall be the following standing committees to advise the Board on financial matters and matters relating to the functioning of the Union premises:

   (a) Finance Committee

   (b) House Committee.
(2) The membership of the Finance Committee and the House Committee shall be determined from time to time by the Board, provided that each committee shall include student representation, and that the Chairman of the Board and the Director of Union Services shall be *ex officio* members of each Committee.

(3) The Chairman of each Committee shall be appointed by the Board.

**Finance**

20. (1) The Board shall be responsible for the proper administration of the Union's financial affairs and property.

(2) In addition to maintaining the services and facilities within the Union buildings, the Board shall make annual grants to The Flinders University Sports Association, The Flinders University Students Representative Council and The Flinders University Post-graduate Students Association and may make grants for other purposes approved by the Board.

(3) The Treasurer shall keep such accounts and submit such financial statements as the Board may require.

(4) Notwithstanding clause 12, the Union's financial year shall be January 1 to December 31.

**Annual Report**

21. The Board shall submit each year to the University Council not later than 30th April a report on the previous year's activities together with audited financial statements.

**Regulations**

22. The Board may make regulations:

(a) concerning the privileges and liabilities of the various classes of members;

(b) concerning the use of the facilities of the Union by employees of the University who are not eligible to be members under sub-section 1(a) of clause 4;

(c) governing the membership and defining the powers and functions of any of its committees;

(d) for such other purposes as it may deem necessary and desirable.

23. The procedure for making a regulation shall be as follows:

(a) A regulation shall in the first instance be approved at a meeting of the Board by a majority of the members present and voting.

(b) It shall then lie on the table of the Board and shall be posted on the Union Notice Board until the next regular meeting of the Board.

(c) At its next regular meeting, or at a subsequent regular or special meeting, the Board shall confirm the regulation (with such amendment, if any, as it may approve) or disallow it. Any amendment deemed to be substantial by the Board shall lie on the table until the next meeting.

24. A regulation made in accordance with clause 23 shall be effective from the date of its confirmation or from such subsequent date as the Board may fix.
MEETINGS OF THE UNION

25. (1) The Board may at any time convene a general meeting of the Union, and it shall do so upon receipt of a requisition signed by not less than twenty-five members of the Union.

(2) A requisition by members of the Union shall be lodged with the Secretary and shall state, in the form of a motion to be proposed at the meeting, the nature of the business for which the meeting is to be convened.

(3) Not less than seven days' notice of a general meeting of the Union shall be given; and the Board shall convene a general meeting of the Union requisitioned by members not more than twenty-eight days after receipt of the requisition by the Secretary.

(4) A general meeting of the Union shall be convened by the posting of notices specifying the time, place and business of the meeting on the Union Notice Board.

26. The Chairman of the Board shall preside at a special meeting of the Union. In the absence of the Chairman, the meeting shall elect a chairman.

27. The quorum for any general meeting of the Union shall be fifty members; provided that in the case of a requisitioned general meeting at least fifty per cent of the petitioning members shall be present.

28. A general meeting of the Union may make recommendations to the Board and the Board shall consider such recommendations at its next meeting.

29. Any motion submitted to a general meeting shall be capable of amendment without prior notice by a majority of those present and entitled to vote and the motion as so amended shall then be treated as the original motion.

ALTERATIONS TO THE CONSTITUTION

30. The Board may make amendments to this Constitution subject to the following conditions:

(a) Written notice of the proposed amendment shall be given by the mover to the Secretary who shall set out such proposed amendment in full with a notice convening the meeting of the Board at least fourteen days prior to the meeting;

(b) The amendment shall be passed by a two-thirds majority of the members of the Board;

(c) The amendment shall be approved by the University Council.
THE STUDENTS REPRESENTATIVE COUNCIL

The Students Representative Council is recognized by the University as representing the student body and it co-operates with the Union Board and the University administration on matters of student welfare.

It aims to further the social and intellectual interests of students and thus its activities include the organisation of social functions, the co-ordination of various non-sporting clubs and societies, the publication of a newspaper and orientation handbook and the encouragement of participation in Australian and world-wide student organisations. The Students Representative Council plays a prominent part in publicising the University through contacts with local schools and the holding of special functions on “Open Days”. It also encourages its members to consider current public issues by holding general meetings of the student body. It provides opportunities for discussion of controversial topics and the subsequent expression of student opinion. Its special committees deal with such matters as Freshers’ Camps, Orientation Week, Independence Day, National Union of Australian University Students, and Abschol. The President of the Students Representative Council, who is elected annually is ex officio a member of the University Council. The Students Representative Council has six representatives on the Union Board and one on the Sports Association Council.

President: Mr. J. A. Sheriff
Senior Vice-President: Mr. P. R. Gilchrist
Junior Vice-President: Mr. G. G. Pickhaver
Honorary Secretary: Mr. M. Colton
Honorary Treasurer: Mr. K. P. Gillis

Constitution of The Flinders University Students Representative Council

NAME

1. There shall be a Council of students of The Flinders University of South Australia to be known as The Flinders University Students Representative Council.

DEFINITIONS

2. In this Constitution and any Regulations made thereunder:
   “University Council” means the Council of The Flinders University of South Australia;
   “Council” means The Flinders University Students Representative Council;
   “Student” means a student enrolled in The Flinders University of South Australia;

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"Service Course Student" means a student whose course at The Flinders University of South Australia is limited to Part One only;
"Junior Student" means a student other than a service course student who, not having been enrolled for more than two years, has not completed Part One of his course at the time of the Council elections;
"Senior Student" means a student who is not a junior student or a service course student;
"Union Board" means the Board of The Flinders University Union.

FUNCTIONS AND OBJECTS

3. The functions of the Council shall be to represent the students of The Flinders University, generally to promote the welfare and further the social and intellectual interests of students, and in particular:
(a) To afford a recognised means of communication between the students and the University authorities;
(b) To represent the students in matters affecting their interests and to promote student participation in the consideration of such matters;
(c) To encourage and co-ordinate the activities of student clubs and societies;
(d) To organise general gatherings of students;
(e) To publish such magazines and periodicals as may be determined from time to time;
(f) Generally to collaborate with the Union Board in securing the objects of the Union and furthering the interests of the University;
(g) On behalf of the students to join, affiliate with or co-operate with such university bodies or organisations having kindred aims as it deems fit.

MEMBERSHIP OF COUNCIL

4. (1) There shall be five classes of members on the Council:
(a) School Representatives (Junior): there shall be one representative from each School;
(b) School Representatives (Senior): there shall be one representative from each School;
(c) General Representatives: there shall be eleven general representatives of which at least three shall be Juniors, at least three shall be men and at least three shall be women;
(d) Service Course Representative: there shall be one representative of service course students;
(e) Ex Officio Member: the immediate past President of the Council.
(2) Notwithstanding the above, the Council for the year 1966-67 shall comprise those members elected by the students at elections conducted by the Students Association Committee in July, 1966; and the Chairman of the Students Association Committee shall be the ex officio member.

ELECTIONS

5. (1) To be eligible for election as a School Representative (Junior) a candidate must be a junior student enrolled in that School.
STUDENTS REPRESENTATIVE COUNCIL

(2) To be eligible for election as a School Representative (Senior) a candidate must be a senior student enrolled in that School.

(3) To be eligible for election as a Service Course Representative a candidate must be a service course student.

(4) All students other than service course students shall be eligible for election as General Representatives.

6. A student is eligible to vote in any election for which he is eligible to stand as a candidate in accordance with clause 5.

7. (1) The elections shall be held annually.

(2) In the case of Schools in which students take a common Part One course, the School Representatives (Junior) for those Schools shall be elected jointly.

(3) Elections for School and General Representatives shall be completed before the 1st August, provided that the election of School Representatives shall precede that of General Representatives by two clear weeks. The election of the Service Course Representative shall be held before the end of the first term.

8. Voting at elections shall be by secret ballot.

9. If any vacancy occurs on the Council prior to the last twelve weeks of its term of office, it shall be filled within four weeks by holding a by-election; and the elected member shall continue in office during the balance of his predecessor's term.

10. Subject to this Constitution, all procedures for election shall be determined by Regulation of the Council.

TERM OF OFFICE

11. The Council shall hold office from 1st August until 31st July in the following year, save that the Service Course Representative shall hold office from the day of his election to the day of the election of his successor.

12. A member of the Council shall cease to be a member:

(a) upon his ceasing to be a student;

(b) in the case of a School Representative, upon his ceasing to be enrolled in the School by which he was elected;

(c) upon acceptance by the Council of a written resignation;

(d) upon his absence from three consecutive meetings of the Council without acceptable reasons.

OFFICERS

13. (1) The retiring President of the Council shall convene a meeting of the incoming Council to be held before the end of the second term.

(2) At this meeting the Council shall appoint from among their number a President, a Senior Vice-President, a Junior Vice-President, an Honorary Secretary and an Honorary Treasurer.

(3) These officers, together with two other members appointed by the Council, shall constitute the Executive of the Council.

(4) The Council shall before the end of the third term appoint the editor or editors of the student newspaper, who shall hold office for the following calendar year.
STUDENTS REPRESENTATIVE COUNCIL

(5) The Council may appoint such other officers as it may from time to time deem necessary.

14. Subject to this Constitution, the duties of all officers shall be determined by the Council.

15. The Executive of the Council shall have such powers as may be delegated to it by the Council, except that in cases of urgency the Executive may act on behalf of the Council and shall report its actions to the next meeting of the Council.

16. (1) The President, or in his absence the Senior Vice-President, shall be Chairman of all meetings referred to in this Constitution; provided that in the absence of both the President and the Senior Vice-President, the Council shall appoint a Chairman.

(2) The Chairman shall have a casting vote but not a deliberative vote.

COMMITTEES

17. The Council may from time to time establish such committees as it deems necessary.

18. Subject to this Constitution, the membership, functions and duties of committees shall be determined by the Council, provided that the President and Senior Vice-President shall be members ex officio of all committees of the Council.

FINANCE

19. All monies to be received by the Council through the Union Board shall be held at the disposal of the Council by the Union Board. The Union Board shall pay out monies on requisitions signed by any two of the President, the Senior Vice-President, the Honorary Secretary and the Honorary Treasurer in accordance with the authority vested in them by the Council.

20. Additional funds for the purpose of furthering the objects of this Constitution may be raised in such manner as is approved by the Council. Payments from these funds shall be authorised by the Council or the Executive of the Council.

21. The Council shall present annual financial statements duly audited to the Annual General Meeting of students; and these, together with any resolution thereon, shall be forwarded to the Union Board.

POWERS OF COUNCIL

22. Subject to this Constitution, the Council may make Regulations for the conduct of its affairs provided that such Regulations are approved by an absolute majority of the Council.

23. The Council may:

(a) make recommendations to the Union Board on any matter relating to the aims and objects of The Flinders University Union;

(b) make representations through its President to the University Council on any matter.

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24. The Council shall meet at least once a month during the academic year. All students shall be permitted to attend all meetings of the Council as observers, save that the Council may resolve that any item or items be discussed in committee.

25. The Annual General Meeting of students shall be held in the third term of the academic year.

26. (1) A special general meeting of the students shall be convened by the Secretary:
   (a) at the request of the President of the Council;
   (b) by decision of the Council;
   (c) at the written request of twenty students, provided that at any meeting called under this sub-section of this clause the quorum as hereinafter provided shall include at least fifteen of the petitioning members. The request shall state the exact form in which the question or questions are to be put.
   (2) The matter or matters to be considered at a special general meeting shall be posted on the Council Notice Board for at least three week-days during an academic term or terms.
   (3) All special meetings shall be held within fourteen days of the receipt of the request or order for such a meeting.

27. Any amendment to a motion, which is ruled by the Chairman to be relevant, may be submitted to the meeting. If carried by a majority of students voting at the meeting, the motion shall be amended accordingly and the amended motion shall be treated as if it were the original motion.

28. No motion submitted to a general meeting shall be passed unless a majority of the students present vote in favour of the motion.

29. A motion carried at a general meeting shall be considered by the Council at its next meeting.

30. (1) At meetings of the Council, ten members including at least two members of the Executive of the Council shall form a quorum.
   (2) At special general meetings of the students, fifty students shall form a quorum.

Referenda

31. A question shall be submitted to a referendum when such is requested by:
   (a) a majority of the members of the Council;
   (b) a petition signed by forty students.
   The request shall be made in writing to the Secretary and shall state the exact form in which the question or questions shall be submitted to the referendum.

32. (1) The question or questions to be resolved shall be posted on the Council Notice Board for at least three week-days during an academic term or terms prior to the announcement of the referendum.
   (2) The referendum shall commence within fourteen days during an academic term or terms of receipt by the Secretary of a request for a referendum.
STUDENTS REPRESENTATIVE COUNCIL

(3) The poll shall remain open from 10 a.m. to 5 p.m. daily for three consecutive week-days during an academic term.

(4) No further petitions for referenda shall be received until the first requested referendum is decided.

33. A decision carried at a referendum shall be considered by the Council at its next meeting.

NOTICE BOARD

34. (1) There shall be a Notice Board placed in a conspicuous place in the Union which shall be the Council Notice Board and which shall be used solely for the purpose of the Council.

(2) All notices required by this Constitution and by Regulations made under this Constitution shall be exhibited on the Council Notice Board.

ALTERATION OF CONSTITUTION

35. This Constitution may be amended subject to the following conditions:

(a) Written notice of the proposed amendment shall be given to the Secretary who shall set out such amendment in full with a notice convening the Council at least fourteen days prior to the meeting.

(b) The amendment shall be passed by a two-thirds majority of the Council.

(c) The amendment shall subsequently be passed by an absolute majority of students present at a special general meeting called for the purpose.

(d) The amendment shall be passed by the University Council.
THE SPORTS ASSOCIATION

A wide variety of sports facilities is available to students at the University. The use of these facilities and the co-ordination of all sporting activities is under the general supervision of the Sports Association, to which all full-time students automatically belong. The Council of the Association comprises four nominees of the University Council, the Director of Union Services, the Accountant of the University, a representative of the Students Representative Council, and one delegate from each of the affiliated sporting clubs.

The Association's policy is to encourage widespread participation in competitive and non-competitive sports by students of all levels of sporting ability. Existing clubs offer opportunities to take part in athletics, baseball, basketball, cricket, football, golf, hockey, judo, soccer, squash and tennis. It is expected that other sports, including rugby, skin diving and swimming, will become available in the near future.

Existing sports facilities comprise changing rooms and about 25 acres of sports fields in the north-west corner of the main site. Squash courts and tennis courts are under construction.

The Association is affiliated with the Australian Universities' Sports Association, and Flinders University teams take part in inter-university contests.

Enquiries about sport at the University will be welcomed by the Secretary.

President: Professor K. J. HANCOCK
Vice-Presidents: Dr. B. BOETTCHER and Mr. K. A. MUELLER
Secretary: Mr. A. E. MITCHELL (Director of Union Services)
Treasurer: Mr. R. G. WELLINGTON

Constitution of The Flinders University Sports Association

NAME

1. There shall be a union of the sporting clubs within The Flinders University of South Australia to be known as The Flinders University Sports Association.

DEFINITIONS

2. In this constitution and any regulations made thereunder:

"University" means The Flinders University of South Australia
"University Council" means the Council of The Flinders University of South Australia
"Sports Association" means The Flinders University Sports Association
"Council" means The Flinders University Sports Association Council
"Union" means The Flinders University Union.
THE SPORTS ASSOCIATION

OBJECT

3. The object of the Sports Association shall be to encourage, develop and govern amateur sport for the members of the Sports Association.

AFFILIATED CLUBS

4. Affiliated clubs shall be those sporting clubs which are affiliated with the Sports Association by resolution of an absolute majority of the members of the Council.

5. Subject to the general direction of the Council, affiliated clubs shall be eligible to receive grants from Sports Association funds, to use the sporting facilities of the University, to enter University teams in local sporting competitions and to represent the University in inter-varsity contests held under the jurisdiction of the Australian Universities Sports Association.

6. The Council, after giving fourteen days' notice to the Secretary of a club, may by a two-thirds majority of its members dis-affiliate the Club on the grounds that the Club has become inactive or undeserving of support.

MEMBERSHIP AND SUBSCRIPTIONS

7. Members are entitled to wear the colours of the Sports Association and to use the sporting facilities of the University.

8. The members of the Sports Association may be ordinary members, or elected members. All full-time students and those part-time students who elect to pay the full Union fee shall be ordinary members.

9. Persons not eligible for ordinary membership may be elected to membership by a two-thirds majority of the members present at a meeting of the Council.

10. (1) The annual subscription for elected members shall be determined from time to time by the Council.

   (2) All annual subscriptions for elected members shall be paid to the Treasurer of the Sports Association prior to the 30th April in each year. Any member failing to pay the subscription within three months of the prescribed time shall cease to be a member.

11. Any person eligible for membership may become a life member on payment of a subscription to be determined from time to time by the Council.

12. The Council may, after due notice of not less than one month has been given in writing to the Secretary by any two members of the Council, elect any person to be an honorary life member of the Sports Association provided that for each election an absolute majority of the members of the Council shall be required.

13. The Council may expel or suspend from membership for a specified time any member found guilty of misconduct in the course of activities sponsored by the Sports Association, provided that

   (a) the member shall be given a reasonable opportunity to appear before the Council, to present his defence and to call witnesses on his own behalf;

   (b) both the finding of guilt and the penalty shall be approved by two-thirds of the members of the Council present at the meeting;
(c) the Council shall refrain from considering any alleged offence which has been referred to the Board of Discipline of the University unless the Board of Discipline remits the complaint to the Council for determination;
(d) any person expelled from the Sports Association or suspended for a period longer than 30 days may appeal to the Board of Discipline of the University.

SPORTS ASSOCIATION COLOURS

14. The colours of the Sports Association shall be those of The Flinders University of South Australia, namely, dark blue, pale blue and white.

THE COUNCIL

15. The Council shall consist of:
(a) the Secretary of each affiliated club or a member appointed by the committee of the club,
(b) the Director of Union Services or his deputy,
(c) the Accountant of the University or his deputy,
(d) a member of the Flinders University Students Representative Council appointed by the Students Representative Council.
(e) four persons appointed by the University Council, of whom at least one shall be a member of the University Council, and at least two shall be members of the University Staff.

16. The office bearers shall be a President, two Vice-Presidents, a Secretary, who shall be the Director of Union Services or his deputy and an Honorary Treasurer. Either the President or one of the two Vice-Presidents shall be a member of the University Staff.

17. Except that the initial office-bearers for 1966 shall be appointed by the University Council, all office-bearers except the Secretary shall be elected by the Council at its first meeting in the first term of the academic year. Such election if necessary shall be by ballot and in the case of an equality of votes the chairman of the meeting shall have a casting vote.

18. The Council shall have the power to fill any vacancy that may occur during the course of the year amongst the office-bearers.

19. The Council shall meet at least twice during the year. The first meeting shall be held not later than the fourth week in April.

20. Seven days' notice of a meeting shall be given by notice posted on the Sports Association Notice Board and sent to each member of the Council.

21. Any three members of the Council may, in writing, request the Secretary to call a meeting of the Council and such meeting shall be called within ten days by a notice sent to each member stating the object for which it is called.

22. A quorum for any meeting of the Council shall be eight members.

23. The President of the Sports Association shall be chairman at meetings of the Council, or in his absence one of the Vice-Presidents. In the absence of President and Vice-Presidents, the members present shall elect their own chairman. The chairman of a meeting shall have a casting as well as a deliberative vote.

24. Subject to this constitution, the Council shall manage the affairs of the Sports Association.
EXECUTIVE COMMITTEE

25. The Council shall appoint annually an Executive Committee consisting of the President, Vice-Presidents, Secretary, Honorary Treasurer and five other members.

26. The Executive Committee shall carry on the day-to-day business of the Sports Association and deal with such matters as the Council may refer to it. Its decisions shall be subject to confirmation by the Council.

27. Meetings of the Executive Committee shall be held as directed by the Council or upon notice given by the Secretary.

GENERAL MEETINGS

28. The Council may at any time convene a general meeting of the Sports Association.

29. Every notice calling a General Meeting shall be posted on the Sports Association Notice Board for not less than one week prior to such a meeting and shall announce the business to be considered at the meeting.

30. A General Meeting may make recommendations to the Council which shall consider such recommendations at its next meeting.

31. No person may vote at a General Meeting unless he is a member of the Sports Association.

32. A quorum at a General Meeting shall be twenty persons entitled to vote.

33. A special General Meeting shall be called at the request of not less than fifteen members of the Sports Association, made in writing to the Secretary and stating the object of the meeting. The Council may at any time call a special General Meeting.

FINANCES

34. The financial year of the Sports Association shall be January 1 to December 31.

35. No financial liability or obligation shall be incurred by or on behalf of the Sports Association or any affiliated Club from the general revenue of the Sports Association unless monies therefor have been previously recommended by the Council on estimates presented to it, except that in cases of extreme urgency the Secretary may authorise any such financial liability or obligation without the prior authority of the Council or of the Executive Committee.

36. Before 1st February of each year, each affiliated club shall lodge with the Secretary an audited Financial Statement and Balance Sheet for the previous year and shall supply such other financial statements as the Council may direct.

37. Grants to affiliated clubs shall be administered by the Secretary who shall authorise expenditure within the limits defined by and for the purposes approved by the Council.

38. The Council shall cause to be kept proper accounts of the property of the Sports Association and of all monies received and expended and shall cause a summary of all such accounts to be presented at each meeting of the Council and to be audited at least once in every year.
39. The Council shall submit each year to the Union Board not later than 31st March a report on the previous year's activities, together with audited financial statements.

ALTERATION OF CONSTITUTION

40. The Council may make amendments to this constitution subject to the following conditions:

(a) Written notice of the proposed amendment shall be given by the mover to the Secretary who shall set out such proposed amendment in full with a notice convening the meeting of the Council at least 14 days prior to the meeting;

(b) The amendment shall be passed by a two-thirds majority of the members of the Council;

(c) The amendment shall be approved by the University Council.
THE HEALTH SERVICE

The Health Service was established in 1966. The aims of the service are to provide diagnostic and preventive medical advice, emergency treatment where practicable and to endeavour to minimise the physical and mental disabilities which might otherwise interfere with students' academic progress.

The Health Service is free and conducts routine medical examinations which are compulsory for all full-time first-year students except those attending the Bedford Park Teachers' College. Preventive injections and vaccines are administered, emergency treatment given and the staff are available to advise on health problems. Arrangements are made for chest X-rays and Mantoux tests. Where further treatment is necessary, students are referred to their own doctors or to appropriate specialists.

The Health Service is housed with the Counselling Service in the cloister area of the Plaza opposite the Union. It is staffed by visiting medical officers for two hours each week-day during academic terms and by a nursing sister from 9.00 a.m. to 1.00 p.m. each week-day throughout the year.

THE COUNSELLING SERVICE

The aims of the service are to provide individual and group counselling assistance for prospective and enrolled students of the University, to assist in providing study skills programmes, to give vocational guidance and information about careers for graduates and to carry out research into factors affecting student progress.

A confidential counselling service is offered to students who are experiencing difficulties at university. Many students find it difficult to make the adjustment from school to university; problems may arise in connection with social relationships, family, independence, sex, self-confidence, money, study habits, choice of course, or other factors causing stress or anxiety. It is not the aim of the service to give advice or to provide the answer to the student's immediate problem. Successful counselling assists the student to become realistic about himself, his potentiality and his aims. His independence and ability to solve future problems are encouraged. The opportunity is given to learn new ways of understanding himself and of improving his communication with others. Human relations groups are arranged to assist in orientation and social adjustment to university life.

Counsellors participate in study skills programmes involving reading improvement and study methods as facilities are developed. Remedial work is carried out both with individuals and in group sessions.

Comprehensive career information is provided by the counselling service and students can discuss their vocational plans with a counsellor.

The Counselling Service is located with the Health Service in the cloister area of the Plaza opposite the Union.
THE HORACE LAMB CENTRE FOR OCEANOGRAPHICAL RESEARCH

In October, 1965, the Oceanographical Research Centre was established within the School of Physical Sciences with Professor J. R. M. Radok as Director. From 1st July, 1966, the Centre was named the Horace Lamb Centre for Oceanographical Research. The Centre provides undergraduate and graduate training in oceanography and its present interests are in physical, chemical and geological oceanography and meteorology. Its investigations are related particularly to some of the problems of the Southern Ocean.

Members of the academic staff and research students in the School of Physical Sciences are engaged in the research projects undertaken by the Centre. During 1968, five academic staff, four technicians, approximately ten graduate and six honours students will study problems of surface, shelf, internal and tidal waves, ship routing, tidal prediction, currents, ocean atmosphere interaction, bathymetry south of Australia, sediments and trace elements. Two cruises are planned in the Southern Ocean and a number of field experiments will take place.

The research undertaken by the Centre is supported by the Australian Research Grants Committee, the Bureau of Meteorology, the Division of National Mapping of the Department of National Development and Broken Hill Proprietary Co. Ltd., as well as general university research funds. Major items of equipment for use in the work of the Centre have been donated by the Shell Company of Aust. Ltd. and are on loan from the Institute of Geophysics and Planetary Physics, University of California, La Jolla and the Australian National University.

The Centre has two field stations, one on the Coorong and the other at Cape de Couëdic, Kangaroo Island.

AUSTRALIAN ECONOMIC PAPERS

Australian Economic Papers was established by The University of Adelaide in 1962 and thus became Australia's second major economic journal (the Economic Record having been published by the University of Melbourne since 1925). In 1965 Australian Economic Papers became a joint publication of The Flinders University of South Australia and The University of Adelaide. It is controlled by a Committee of Management appointed by the Councils of the two Universities and is supported financially by both Universities.

Australian Economic Papers is published twice yearly and contains learned articles on economics, econometrics, economic history, accounting theory and related subjects. The present editors are Professor K. J. Hancock of Flinders University and Professor G. C. Harcourt of The University of Adelaide. Inquiries about contributions and subscriptions should be addressed to either editor.
THE BEDFORD PARK TEACHERS COLLEGE

The Bedford Park Teachers College, which opened in 1966 with 133 students, is closely associated with The Flinders University of South Australia. Professor J. A. Richardson is both Principal of the Teachers College and Professor of Education in the University. Students of the College are members of the University Union and are encouraged to participate fully in the student life of the University throughout their preparation for teaching. The College moved into the first two of its new buildings at the end of 1967. In 1968 it will have approximately 550 students. They will include both students who are preparing to teach in primary schools and those who are preparing to teach in secondary schools. All students have the opportunity to undertake study for a degree. Selected students may undertake an Honours degree.

The permanent location of the College is a site of 23 acres, adjoining the University. The second stage of the College buildings, which is due for completion in 1968, will include a library, and staff and administrative offices. There will be, in addition, an auditorium to seat 800, with facilities for drama and music production. A separate complex will include a gymnasium, a swimming pool, 10 courts including 3 lawn tennis courts, and associated sports fields.

STAFF

Principal (and Professor of Education, The Flinders University of South Australia):

Vice- Principals:
B. R. BUNNEY, B.Sc., Dip.Ed. (Adel.), appointed 1967 (Education)
K. R. GILDING, M.A. (Adel.), appointed 1968 (English)

Dean of Women:

Senior Lecturers:
B. Y. HARPER, B.A., Dip.Ed. (Adel.), appointed Lecturer 1966, Senior Lecturer 1967 (Geography—Instructional Media)
N. A. NILSSON, M.A., Ph.D. (Adel.), appointed 1968 (Education)
E. R. SANDERCOCK, B.Sc., Dip.Ed. (Adel.), appointed 1968 (Physics)
B. E. SEIDEL, M.A. (Iowa), appointed 1968 (Art and Craft)
Lecturers:

P. C. Brinkworth, B.A. (Adel.), appointed 1967 (Mathematics)

P. J. Pedler, B.Sc. (Adel.), appointed 1968 (Mathematics)


N. Lazaroff, B.Sc., Dip.Ed. (Adel.), appointed 1967 (Biological Science)

K. J. Hancock, B.A. (W.A.), Dip.Ed. (Adel.), appointed 1968 (Education)

B. E. Matthews, B.A., Dip.Ed. (Melb.), appointed 1967 (English)

D. F. Wyatt, B.A. (Adel.), appointed 1967 (English)

N. Lazaroff, B.Sc., Dip.Ed. (Adel.), appointed 1967 (Biological Science)

K. J. Hancock, B.A. (W.A.), Dip.Ed. (Adel.), appointed 1968 (Education)

B. E. Matthews, B.A., Dip.Ed. (Melb.), appointed 1967 (English)

D. F. Wyatt, B.A. (Adel.), appointed 1967 (English)

L. F. Murphy, B.A. (Adel.), appointed 1967 (History)

D. J. Ashenden, B.A., Dip.Ed. (Adel.), appointed 1968 (History)

Sonja A. Boehmer, B.A. (Adel.), appointed 1967 (Geography)


Jennifer Abel, B.A. (Adel.), appointed 1967 (Librarian)


Registrar:

J. K. Manning, appointed 1966

THE STAFF ASSOCIATION

Membership of the Association is open to the academic and professional staff of the University. Its objects are to promote contacts between members of staff working in different fields; to encourage interest in the operation and development of the University; and generally to concern itself with matters affecting the welfare and interests of the University and its staff.

The Association is affiliated with the Federation of Australian University Staff Associations.

President: Professor W. J. Cherry
Vice-President: Professor K. J. Hancock
Secretary: Miss M. A. Cameron
Treasurer: Mr. D. Allcock

THE TECHNICAL, CLERICAL AND GENERAL SERVICES STAFF ASSOCIATION

Membership of the Association is open to technical, clerical, caretaking and cleaning, gardening, driving and maintenance staff who are full-time employees of the University and to such other persons as may be nominated by an absolute majority of the Committee. Its objects are to promote the welfare of its members, by providing a recognised means of communication between the members of the Association and the University Council, and by representing members of the Association in negotiations with the University on matters relating to the conditions of appointment and employment.

President: Mr. K. M. Hollister
Secretary: Mr. R. C. Parrott
Treasurer: Mr. J. D. Steff
THE STAFF CLUB

The Staff Club was established in April, 1966, with 78 foundation members, and membership at the end of 1967 was 158. Membership is open to members of the Council, members of the academic, library and administrative staffs of or above the grades of senior demonstrator, library assistant, or administrative assistant, and to certain other senior staff members, and members of the staff of the Bedford Park Teachers' College of the status of lecturer or above. The Committee may in addition offer ordinary or honorary membership to applicants not in the above categories.

The Club is situated on the first floor of the Union building. Facilities include dining (mid-day meal) and a lounge suitable for informal discussions and relaxation.

Chairman: Mr. A. S. Fraser
Treasurer: Mr. A. J. Andrews
Committee Members: Professor B. H. Medlin, Mr. A. E. Mitchell, Dr. E. L. Murray, Miss M. Norton.

THE ANN FLINDERS CLUB

The Ann Flinders Club was formed in 1965 by the wives of members of staff of The Flinders University of South Australia with three aims:
(a) To make wives of new members of the University staff welcome at the earliest opportunity.
(b) To help the wives of the members of staff from other States and overseas to feel at home in Adelaide.
(c) To provide a meeting ground for members and to stimulate their cultural and intellectual interests.

The main groups which are eligible for membership are the wives of academic staff members and senior administrative and library staff members and women members of staff who hold similar offices.

Six meetings of The Ann Flinders Club are held throughout the year, the Annual General Meeting being held in July. There are other smaller group activities, particulars of which may be obtained from:

President: Mrs. N. Stockdale
Vice-President: Mrs. M. McCaskill
Secretary: Mrs. A. B. Hope
Treasurer: Mrs. M. H. Brennan
Welcoming Officer: Mrs. A. M. Clark

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INFORMATION FOR STUDENTS

Admission
In 1968 The Flinders University of South Australia will admit 275 new students to Arts and Economics, 150 new students to Science and 70 medical and dental students of the University of Adelaide, who will enrol for the first-year Science courses. New students intending to proceed to the degree of Bachelor of Education should apply for admission to Arts, Economics or Science, depending upon which courses they wish to take in the first two years of their programme of studies.
The Flinders University of South Australia and The University of Adelaide have established a joint Universities Admissions Office to receive and process all applications for admission to either University.
All students wishing to enrol for the first time for a Bachelor's Degree in Arts, Economics or Science, including those seeking admission to a Teachers College, must apply for admission on the prescribed form, copies of which are available from The Registry. All applications for admission must be lodged with the Universities Admissions Office, Box 498D, G.P.O., Adelaide, 5001, by a date which will be prescribed from year to year (for admission in 1968 the closing date was 30th November, 1967). Applications submitted after that date will be subject to a late fee of $10.
Students will be notified of the result of their application for admission during the second half of January or in February, and any offer of admission must be accepted within five days of notification of the offer. On receipt of an acceptance of an offer of admission, an authority to enrol will be forwarded. All students who have received an authority to enrol at Flinders University must enrol during the enrolment week. In the enrolment week the University offices will be open during the following hours:

Arts, Economics, Education and Social Administration:
Wednesday, 14th February, 1968: 9.00 a.m.- 1.00 p.m.
2.00 p.m.- 5.00 p.m.
Friday, 16th February, 1968: 9.00 a.m.- 1.00 p.m.
2.00 p.m.- 5.00 p.m.
Saturday, 17th February, 1968: 9.30 a.m.-12.00 noon
Tuesday, 20th February, 1968: 9.00 a.m.- 1.00 p.m.
2.00 p.m.- 5.00 p.m.
7.00 p.m.- 9.00 p.m.

Science:
Thursday, 15th February, 1968: 9.00 a.m.- 1.00 p.m.
2.00 p.m.- 5.00 p.m.
Saturday, 17th February, 1968: 9.30 a.m.-12.00 noon
Monday, 19th February, 1968: 9.00 a.m.- 1.00 p.m.
2.00 p.m.- 5.00 p.m.
Tuesday, 20th February, 1968: 7.00 p.m.- 9.00 p.m.
Wednesday, 21st February, 1968: 9.00 a.m.- 1.00 p.m.
2.00 p.m.- 5.00 p.m.
INFORMATION FOR STUDENTS

Enrolment Procedure

Students may enrol for the first time in Arts, Economics or Science only if they have received an authority to enrol, which must be presented on enrolling.

During the enrolment week, 14th-21st February, all students enrolling at Flinders University must:

1) collect an enrolment form from the General Office of The Registry;
2) complete the enrolment form as far as possible;
3) present the form in turn to the following officers:
   (a) School Enrolment Officer (unless they have already obtained approval for their courses); and
   (b) Admissions Officer.
4) lodge the form and pay their fees (where appropriate) at the General Office of The Registry.

A student who is unable to enrol in person during the enrolment week should:

1) lodge his enrolment personally at The Registry before the enrolment week;
2) arrange for somebody to lodge his enrolment form on his behalf during the enrolment week; or
3) lodge a postal enrolment before or during the enrolment week.

Postal Enrolments

Only students unable to enrol in person before 21st February will be permitted to enrol by post. In such cases the enrolment form should be completed and returned so as to reach the University by 21st February. If the student is paying his own fees, the form must be accompanied by the appropriate fee; otherwise a late fee may be incurred. Immediately on reaching Adelaide a student who has enrolled by post must report to The Registry and complete the remainder of the enrolment procedure. This must be done not later than the first day of term, 4th March.

Provisional Enrolments

A provisional enrolment may be submitted by a student who cannot make a firm enrolment by 21st February because he:

1) is awaiting the University's decision on his application, or the results of applications for scholarships, cadetships, etc.; or
2) is awaiting the results of supplementary examinations; or
3) is unable to produce certificates; or
4) is unable to finalize his enrolment because of special circumstances.

Such a student must:

(a) complete his enrolment form as far as possible;
(b) have his reasons for provisional enrolment accepted by the Admissions Officer;
(c) lodge the form before the enrolment week ends.

A student must confirm, cancel or amend his provisional enrolment as soon as possible, and in any case not later than 11th March, unless an extension of time has been approved in advance by the Registrar. Any provisional enrolment confirmed and accepted after that date may be subject to payment of a late fee of $10.

No enrolment will be accepted after the first day of term, 4th March, except in very exceptional circumstances and with the consent of the Chairman of the appropriate School.
Amendments to Enrolments
A student who wishes to change his enrolment must complete an “Amendment to Enrolment” form and return it to the Academic Section of The Registry.

Students should immediately notify the Registrar of any change of address. Women students who marry should produce their marriage certificate so that the records of the University may be amended appropriately.

Withdrawals
Once a student has enrolled the University will continue to regard him as subject to the discipline of the University and liable for fees, until he notifies the Registrar in writing that he wishes to withdraw. (It is not sufficient for him merely to tell a lecturer.) After the end of the second term a student who withdraws, or who does not sit for examination, will be regarded as having failed, unless he offers reasons for his withdrawal or failure to sit which satisfy the Chairman of his School.

The attention of all students is drawn to the Statute 6.2 Enrolment of Students, which provides that the Board of a School may recommend to the Council that a student be not permitted to continue his studies if his academic progress has been unsatisfactory.

FEES

Annual Fees
The annual fees at Flinders University are as follows:

<table>
<thead>
<tr>
<th>Fee</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Union Fee</td>
<td>$39</td>
</tr>
<tr>
<td>Tuition Fee:</td>
<td></td>
</tr>
<tr>
<td>Arts</td>
<td>$288</td>
</tr>
<tr>
<td>Economics</td>
<td>$288</td>
</tr>
<tr>
<td>Education</td>
<td>$288</td>
</tr>
<tr>
<td>Science</td>
<td>$348</td>
</tr>
</tbody>
</table>

The Union Fee entitles students to membership of the University Union and the use of all its facilities, and to participate in the activities of the Students Representative Council and the Sports Association. Part-time students are required to pay the appropriate proportion of the Tuition Fee, and a Union Fee of $24.

The cost of the student’s own books, instruments and stationery is additional to the above fees.

Payment of Fees
Students who have applied for any scholarship, cadetship, fees concession, etc., will not be required to pay their fees until the result of their application is known. All other students, except in cases approved in advance by the Registrar, must pay their fees on enrolling; provided that the fees for the second and third terms may be paid during the first fortnight of the respective terms. A student in temporary financial difficulty may apply to the Registrar for an extension of time for payment giving reasons for his application; and if an extension is granted and the fees paid within the extended period, no late fee will be incurred.

A student who has not paid his fees, or has not been granted an extension of time, by 21st February will incur a late fee of $10.

A student who elects to pay his fees each term will incur a late fee of $2 for each week or part of a week that the fees remain unpaid beyond the first fortnight of the respective term, unless an extension of time has been approved in advance by the Registrar.
INFORMATION FOR STUDENTS

Fees Concession Scheme

The Government of South Australia has made provision for financial help by way of a Fees Concession Scheme to students of the University whose fees are not met by scholarships, cadetships or similar awards or by employers. The scheme is intended primarily for full-time students.

The assistance granted is related to a means test, based on adjusted family income, and to the location within South Australia of the home residence of the applicants. Continuation of assistance from year to year is subject to satisfactory academic progress.

The assistance given may take the form of a loan only or a combination of loan and grant. The assistance applies to the Tuition Fee and to portion of the Union Fee.

Application forms and a leaflet regarding the scheme may be obtained from The Registry, Flinders University.

Overseas Students

The University will receive applications for admission from overseas students, but is anxious to ensure that those students admitted are qualified both by ability and by background studies to undertake their course with good prospects of success. Further, the number of such students to be admitted must necessarily be limited. For overseas students whose entry qualifications were obtained at examinations other than the South Australian Public Examinations, the closing date for applications is 1st November of each year.

Applications for admission cannot be considered after this closing date. A candidate who, at the time the selection is made, is not qualified to matriculate cannot normally be considered for entry in the following March.

Application forms for admission will be supplied on request. Each candidate should send with his application (a) full particulars of his educational qualifications, including a certified statement of examinations passed and grade of pass in each subject; and (b) one or more testimonials, including a statement from the Headmaster of the school last attended. An original document, in a language other than English, should be accompanied by a certified translation. Every private overseas student, who is not already in Australia, must forward with his application an Educational Record Form (Form M1130) which is obtainable from the Australian Overseas Mission in his own country, and he should first approach the Overseas Mission to obtain this form.

A candidate from outside Australia who has passed a recognised matriculation or equivalent examination may apply to the Registrar to have his position determined; each case will be considered on its merits. Adequate qualifications in English are regarded as important.

A candidate may be accepted as qualified for matriculation if he holds a certificate which qualifies him for matriculation in a recognised University, provided that the subjects specified in the South Australian requirements are included and provided also that in the case of a candidate from a country in which English is not the national language, he has passed in the University's Standard English Test.

A candidate who is unable to present acceptable evidence of matriculation work done elsewhere will be required to pass in appropriate subjects at the Matriculation Examination. A candidate who presents Cambridge Oversea
School and Higher School Certificates is normally required (a) to have passed in at least two subjects at Principal level in the H.S.C. examination; (b) to have included in his passes at credit standard or better at the School Certificate examination or in his passes at the H.S.C. examination, subjects which satisfy the grouping requirements of the Statute 6.1, Matriculation; (c) to have satisfied certain other requirements. For instance in all cases a pass in English Language, at credit standard or better, is required, and a candidate seeking entry into Science must have adequate qualifications in Mathematics.

A candidate from China or Hong Kong must send evidence that he is qualified to matriculate in the University of Hong Kong and his subjects must satisfy the grouping requirements of the Matriculation Statute.

Graduate Studies

The Degrees of Master of Arts, Master of Economics, Master of Education, Master of Science or Doctor of Philosophy are available, and a student may apply at any time to register as a graduate student. A graduate student must have his candidature and his programme of studies approved by the Board of the appropriate School. In some disciplines the Master's Degree involves course work, directed reading and examinations, but in other disciplines the Master's Degree involves research work and the preparation of a thesis, not so extensive as that required for the Degree of Doctor of Philosophy. Graduate students normally commence their studies at the beginning of February, but they may register and commence research work at any time during the year.

A postgraduate Diploma in Education and a postgraduate Diploma in Social Administration are both available in the School of Social Sciences.

The annual Registration Fee for Master's Degrees and the Degree of Doctor of Philosophy is $144 for full-time students and $72 for part-time students.

The annual Tuition Fee for full-time students proceeding to the Diploma in Education or the Diploma in Social Administration is $288.

Graduate students pay the same Union Fee as undergraduates, namely, $39 for full-time and $24 for part-time students.

Degrees Offered by Other Universities

Under certain circumstances students who have completed part of a Science degree at Flinders University may be eligible to transfer to courses in other Australian universities for degrees in Agricultural Science, Forestry and Veterinary Science. The following information is provided to give students an indication of the requirements which must be satisfied for such transfers. Any student who wishes to transfer to another university should apply direct to the Registrar of the university in which he wishes to complete his course.

Agricultural Science

Students who have satisfactorily completed Part I of the Degree of Bachelor of Science and a Part II Programme in the School of Biological Sciences may be admitted to the third year of the course of study for the Degree of Bachelor of Agricultural Science in the University of Adelaide. A Head of Depart-
INFORMATION FOR STUDENTS

ment in the Faculty of Agricultural Science may require a student to undertake extra study before taking certain third-year subjects.

Forestry
Students who have satisfactorily completed Part I of the Degree of Bachelor of Science may apply for admission to the second year of the course of study for the Degree of Bachelor of Science (Forestry) in the Australian National University.

Veterinary Science
Students who have satisfactorily completed Part I of the Degree of Bachelor of Science may apply for admission to the second year of the course of study for the Degree of Bachelor of Veterinary Science in the University of Melbourne. The closing date for applications from South Australian students for admission to either the first year or the second year of the course is normally 1st November.

The University of Queensland has a small annual quota for interstate applicants for admission to the second year of the course of study for the Degree of Bachelor of Veterinary Science after completion of appropriate first-year work in another Australian university. All enquiries about such admission should be addressed to the Registrar, University of Queensland.

For the degree of Bachelor of Veterinary Science in the University of Sydney, all students are required to undertake the whole of their course of study in that University. The closing date for applications is normally 1st November.
PRIZES AND SCHOLARSHIPS

Undergraduate

THE ANN FLAXMAN PRIZE IN ENGLISH

The sum of $1,000 having been paid to the University by Mrs. C. H. Bright in memory of her mother, Mrs. Ann Flaxman, the following rules shall apply to the annual prize provided by this endowment:

1. The Ann Flaxman Prize in English shall be awarded annually by the Examinations Board of the School of Language and Literature.

2. The value of the prize shall be $50. If in any year the prize is not awarded or the income from the endowment exceeds the amount of the prize, the value of such prize or excess income shall be added to the capital of the fund.

3. The prize shall be awarded to the best final-year Honours student in English, except that in 1967 and 1968 the prize shall be awarded to the best second-year student in English and the best third-year student in English respectively.

Awards:
1967: MacDonagh, Blanaid A.

THE BANK OF ADELAIDE PRIZE IN ECONOMICS

The following rules shall apply to the annual prize provided by the Bank of Adelaide:

1. The Bank of Adelaide Prize in Economics shall be awarded annually by the Examinations Board of the School of Social Sciences.

2. The value of the prize shall be $100.

3. A student proceeding to either the degree of Bachelor of Arts or Bachelor of Economics shall be eligible for the award of the prize.

4. The prize shall be awarded in 1966 to the best first-year student in Economics, in 1967 to the best second-year student in Economics, in 1968 to the best third-year student in Economics, and in 1969 and subsequent years to the best final-year Honours student in Economics.

Awards:
1966: Looker, David R. Moore, Kathryn A. (equal)
1967: Moore, Kathryn A. Raymond, Judith E. (equal)
PRIZES AND SCHOLARSHIPS

THE SIMPSON POPE PRIZE IN ECONOMICS

The following rules shall apply to the annual prize provided by Simpson Pope Ltd.:

1. The Simpson Pope Prize in Economics shall be awarded annually by the Examinations Board of the School of Social Sciences.
2. The value of the prize shall be $60.
3. A student proceeding to either the degree of Bachelor of Arts or Bachelor of Economics shall be eligible for the award of the prize.
4. The prize shall be awarded to the best first-year student in Economics.

Awards:

1967 Davis, Kevin T.
Gale, Robert D.
Moroney, Andre P.
Wright, James S. {equal

THE PAM BISHOP PRIZE IN SPANISH

The sum of $765 having been given to the University by members of the University staff and friends of the late Pamela Claudine Bishop, who distinguished herself in Part I of the Degree of Bachelor of Arts in the School of Language and Literature in 1966, the following rules shall apply to the annual prize provided by this endowment:

1. The Pam Bishop Prize in Spanish shall be awarded annually by the Examinations Board of the School of Language and Literature.
2. The value of the prize shall be $40. If in any year the prize is not awarded or the income from the endowment exceeds the amount of the prize, the value of such prize or excess income shall be added to the capital of the fund.
3. The prize shall be awarded to the best first-year student in Spanish.

Awards:

1967 Lovett, Hilary

COMMONWEALTH UNIVERSITY SCHOLARSHIPS

The Commonwealth Government each year makes available scholarships (up to 6,000 in 1968) to provide assistance to students taking courses at Australian universities. These scholarships, known as Commonwealth University Scholarships, are allocated among the States in proportion to population, and are then awarded on merit. Most of the scholarships are Open Entrance awards for students who have completed one of the prescribed selection examinations and are about to commence a university course. There is an additional number of scholarships known as Later Year awards for students who have already completed one or more years of a university course. For students beyond the age limit of 25 years for Open Entrance and Later Year awards, a small quota of Mature Age scholarships is reserved.

In South Australia, the Open Entrance Scholarships are awarded on the results of the Matriculation Examination. In general, applicants must reside in Australia with their parents. In considering an application regard
will be had to previous studies undertaken by the applicants. A successful applicant for an Open Entrance Scholarship may request the deferment of a Scholarship for 12 months or under certain circumstances for two years, but a candidate who is not matriculated cannot defer the Scholarship in order to matriculate.

Selection of Later Year awards is based on the results obtained in approved courses. An applicant for a scholarship in the second or third year is required to have completed the first year of his course at the first attempt with or without supplementary examinations.

A Commonwealth Scholarship can be used for any first degree (e.g., B.A., B.Ec., B.Ed., B.Sc.) or diploma, or for an approved combination (e.g., Degree of Bachelor of Arts and Diploma in Education or Diploma in Social Administration). A Scholarship can be continued for or awarded to a student taking an Honours Degree.

The benefits of a Commonwealth Scholarship are the payment of all compulsory fees. In addition, and subject to a means test, a Scholar who is a full-time student may qualify for a living allowance. In 1968, the maximum allowance for a scholar living away from home will be $904.80 and $559 for a student living at home. The maximum living allowance will be paid where the "adjusted family income" amounts to $2,300 or less. Where the adjusted family income exceeds $2,300, the amount of living allowance payable will be proportionately less than the maximum.

The closing date for applications each year is 30th September, and application forms and a booklet regarding the scholarships may be obtained from the Registrar, or from The Officer in Charge, South Australian Branch Office, Department of Education and Science, Cambridge House, North Terrace, Adelaide.

JUNIOR RESEARCH SCHOLARSHIPS

Junior Research Scholarships may be awarded to enable students to proceed to the final Honours year. These scholarships provide remission of fees and a living allowance of up to $450, and their award (and value) is based on financial need as well as on academic merit.

Application forms may be obtained from the Registrar, with whom applications must be lodged by 30th November each year.

Postgraduate—Tenable at the University

I.C.I.A.N.Z. RESEARCH FELLOWSHIP

The following rules shall apply to the I.C.I.A.N.Z. Research Fellowship at The Flinders University of South Australia, which has been established by the provision of $2,500 a year from Imperial Chemical Industries of Australia and New Zealand Limited:

1. The object of the I.C.I.A.N.Z. Research Fellowship is to promote knowledge in those fields which have some direct relation to the scientific interests and national responsibilities of Imperial Chemical Industries of Australia and New Zealand Limited, such as pure and applied chemistry, biochemistry and physics or such other appropriate fields as may be approved by the Research Committee.
PRIZES AND SCHOLARSHIPS

2. Any subject of a nation of the Commonwealth of Nations who is a graduate of a recognized university may be a candidate for the Fellowship.

3. The Fellow shall be appointed by the Research Committee.

4. The Fellowship shall be tenable for two years, but an extension for a third year may be approved by the Research Committee. A Fellowship may be terminated by the Research Committee at any time if, in the opinion of the Committee, the Fellow's progress is not satisfactory.

5. The value of the Fellowship shall be $2,500 a year. Tenure of the Fellowship and salary will begin on the date on which the Fellow takes up duty in Adelaide unless otherwise approved by the Research Committee.

6. A Fellow shall be required to engage in research in an approved field and he may, if he wishes, register for a higher degree.

7. At the end of each year of his tenure of the Fellowship, a Fellow shall submit to the Registrar a report on his work for the year, and a copy of this report will be transmitted to the Company for information.

8. Applications shall be lodged with the Registrar on the appropriate form by a date to be prescribed by the Research Committee. (Application forms are obtainable from the Registrar, with whom applications should be lodged by 31st October each year).

Award for 1967-68:
Thompson, Norman, B.Sc. (Adel.)

GENERAL MOTORS-HOLDEN’S POSTGRADUATE RESEARCH FELLOWSHIPS

Since 1957, General Motors-Holden’s Limited has made available to Australian Universities a number of Research Fellowships, to enable young graduates of outstanding talent to undertake research.

The Flinders University of South Australia has been allocated one of these Fellowships to the value of $1,800-$2,400, the actual amount of the award being determined by the University when the award is made.

A graduate of any Australian University is eligible to apply. Other things being equal, preference will be given to applicants who have graduated in Science or Economics, and who intend to follow careers in industry or teaching in Australia on completion of their Fellowships. Qualities of leadership as well as academic achievement will be taken into consideration in making Fellowship awards.

Application forms are obtainable from the Registrar with whom applications should be lodged by 31st October each year.

Award for 1967:
Jemison, Robert W., B.Sc. (Adel.)

C.S.I.R.O. STUDENTSCHIPS

The Commonwealth Scientific and Industrial Research Organization each year awards a number of Postgraduate Studentships to cover a period of postgraduate training in Australian universities. Studentships are for study leading to the degree of Doctor of Philosophy and will be awarded in fields of interest to the C.S.I.R.O.
The living allowances for Studentships are $2,500—($100)—$2,800 a year. The commencing rate will depend upon the length of the student's undergraduate course and the number of years of post-honours research experience. Married students may also apply for an additional allowance in the event of financial hardship. Studentships are awarded initially for two years, and thereafter are subject to renewal annually up to a maximum of four years.

Provision is made for the reimbursement of all compulsory fees. A sum of up to $500 may be made available to the Student's University for travelling, equipment and other expenses of a maintenance nature.

Applications for C.S.I.R.O. Postgraduate Studentships should be made on the appropriate application form which may be obtained from the Registrar or from the Secretary (Administration), C.S.I.R.O., 314 Albert Street, East Melbourne, C.2, Victoria. It is expected that applications for 1969 will close early in November, 1968.

New Awards for 1966 tenable at Flinders University:
Dainis, Ivars, B.Sc. (Adel.)
McKee, William D., B.Sc. (Adel.)

New Award for 1967 tenable at Flinders University:
Browne, Patrick J., B.Sc. (Adel.)

COMMONWEALTH POSTGRADUATE AWARDS

The Commonwealth Government provides each year a number of awards for postgraduate study and research at Australian universities. The value of an award in the Flinders University of South Australia is $2,100 a year. Scholars are exempt from all fees except the Union fee. In certain cases an allowance of $500 per year may be paid to married students or students who are living away from home. Tenure is subject to annual renewal and may not exceed three years except in special circumstances.

An applicant must be a graduate or a student who expects to graduate shortly after application, and must be domiciled in Australia. A good honours degree is expected and a graduate or graduating student of another University may apply.

The holder of an award will normally pursue a course of advanced study and research leading to a higher degree. The awards are open to graduates and students in all disciplines.

Application forms are obtainable from the Registrar, with whom applications should be lodged by 31st October each year.

New Awards for 1966:
Blackburn, Trevor R., B.Sc. (Adel.)
Boswell, Roderick W., B.Sc. (Adel.)
Easton, Alan K., B.Sc. (Adel.)
Grimm, Raymond C., B.Sc. (Adel.)
Jemison, Robert W., B.Sc. (Adel.)

Kendall, Michael, B.Sc. (A.N.U.)
Moody, Keith, B.Sc. (Adel.)
Panton, David M., B.Sc. (Adel.)
Stirling, Andrew J., B.Sc. (Adel.)
Thompson, Norman, B.Sc. (Adel.)
PRIZES AND SCHOLARSHIPS

New Awards for 1967:

Attenborough, Heather J., B.Sc. (Adel.)
Davy, John R., B.Sc. (N.S.W.)
Hynes, Michael J., B.Ag.Sc. (Adel.)
Johnson, Bruce B., B.Sc. (Adel.)
Klemm, Anthony D., B.Sc. (Adel.)
Liddle, Peter F., B.Sc. (Adel.)
Maddocks, Gary E., B.Sc. (Melb.)
May, Robert L., B.Sc. (Adel.)
Nillsen, Rodney V., B.Sc. (Tas.)
Redgen, Barbara R., B.Sc. (Qld.)
Stock, Herbert M. P., B.Sc. (U.N.E.)
Thompson, Michael J., B.Econ. (Qld.)
Vaughan, Belinda, B.A. (Syd.)
Webber, Carolyn A., B.Sc. (Adel.)
Wong, Patrick C. L., B.Sc. (U.N.E.)

FLINDERS UNIVERSITY RESEARCH SCHOLARSHIPS

Each year the University provides a number of Flinders University Research Scholarships, which are offered to enable candidates to proceed to a Master's or Ph.D degree by full-time study.

The annual value of a Flinders University Research Scholarship is $1,800. Scholars are exempt from all fees except the Union fee. In certain cases an allowance of $500 per year may be paid to married students or students who are living away from home.

The scholarships are awarded for one year in the first instance, but subject to satisfactory progress they may be renewed annually up to a maximum term of four years. Candidates should hold a good honours degree or the equivalent, or should be completing work for an honours degree in the year in which they apply.

Application forms are obtainable from the Registrar, with whom applications should be lodged by 31st October each year.

New Awards for 1966:

Barry, Peter B., B.Sc. (Syd.)
Kerrisk, John M., B.Sc. (Adel.)
MacDonald, Robin J., B.Sc. (U.N.E.)

New Awards for 1967:

Baig, Mirza I., M.Sc. (Sind.)
Barattieri di San Pietro, Vittorio, Dr. Econ. & Comm. (Rome)
Godfrey-Smith, Ann, B.Sc. (Syd.), B.A. (A.N.U.)

New Awards for 1966:

Moore, G. Phillip M., B.Sc. (A.N.U.)
Redgen, Barbara R., B.Sc. (Qld.)
Skingle, Derek C., B.Sc. (C.N.A.A.)

New Awards for 1967:

Hantrais, Linda, B.A. (Lond.), Dip. Soc. Admin. (L.S.E.)
Judge, John W. S., M.A. (Auck.)
Mahandru, Madan M., M.Sc. (Panjab)
Tamuly, Aroon, M.Sc. (Wales)

GOWRIE POSTGRADUATE RESEARCH TRAVELLING SCHOLARSHIPS

The Gowrie Scholarship Trust Fund offers annually one or two postgraduate travelling research scholarships, each of a value of $1,800 a year, tenable for two years at a University or other approved institution abroad.
PRIZES AND SCHOLARSHIPS

A candidate for a scholarship must be or have been a member of one of the Forces with service in the war which began in September, 1939, or be the child or other lineal descendant of such member, as defined in the Trust Deed. Further information including details of the application procedure, may be obtained from the Registrar, or from the Secretary, Gowrie Scholarship Fund, Box 2069, G.P.O., Sydney, N.S.W. 2001. Applications should be lodged with the Registrar by 31st October each year.

SERVICES CANTEENS TRUST FUND POSTGRADUATE SCHOLARSHIP

The Trustees of the Services Canteens Trust Fund offer each year a postgraduate Scholarship for competition amongst graduates who are the children of men or women who served in the Australian forces during the 1939-45 War. The Scholarship is valued at $2,500 a year and is tenable abroad for a period up to three years.

In awarding the Scholarship the Trustees will take into account (i) academic career; (ii) ability for research work; (iii) character; (iv) extra-curricular activities, and (v) the future value to Australia for the subject of research or study.

Further particulars may be obtained from the Registrar, or from the General Secretary, Services Canteens Trust Fund, Victoria Barracks, St. Kilda Road, Melbourne, Victoria 3004, with whom applications should be lodged by 1st November, 1968.

OTHER AWARDS FOR POSTGRADUATE STUDY

A number of other bodies make available postgraduate studentships and research scholarships which are tenable at the Flinders University of South Australia. Some of these bodies and the addresses from which further information may be obtained are as follows:

Wheat Industry Research Council, C/- Department of Primary Industry, Canberra, A.C.T. 2600.
Australian Institute of Nuclear Science and Engineering, Private Mail Bag, P.O. Sutherland, N.S.W. 2232.
Department of Supply, 339 Swanston Street, Melbourne, Victoria 3000.
National Heart Foundation, Box 691, Post Office, Canberra City, A.C.T. 2601.
Conzinc Riotinto of Australia Ltd., 95 Collins Street, Melbourne, Victoria 3000.

Details of these and other scholarships may also be obtained from the Registrar.
**PRIZES AND SCHOLARSHIPS**

*Postgraduate—Tenable Overseas*

**THE RHODES SCHOLARSHIP**

A Rhodes Scholarship is tenable at the University of Oxford and may be held for three years. Since, however, the majority of Rhodes Scholars obtain standing which makes it possible for them to take a degree in two years, appointments are made for two years in the first instance. During his second year each Rhodes Scholar will be invited to state whether he wishes to apply for a third year at Oxford, and, if so, what work he proposes to undertake. The Rhodes Trustees will not consider granting a third year unless (i) it can be shown that a third year is eminently in the interests of (a) the scholar's immediate studies and (b) his future career, and (ii) his work, conduct and general record have been satisfactory.

The value of a Rhodes Scholarship is about £1,150 (sterling) a year; part of this sum is paid by the Trust direct to the Scholar's College by way of fees, and each Scholar receives a personal allowance at the rate of £60 (sterling) a month. Tenure of other awards in conjunction with the Rhodes Scholarship is not permitted without prior consultation with the Secretary of the Trust in Oxford.

The Scholarship makes no provision for the cost of the voyage to and from England. One Scholarship is allocated to each State in the Commonwealth.

Each candidate for a scholarship is required to make application to the Secretary of the Committee of Selection of the State in which he wishes to compete, using the prescribed application form, and furnishing the material therein specified. The closing date for applications is 1st September each year.

Detailed information and forms of application may be obtained from the Registrar or from the Secretary, Rhodes Scholarship Selection Committee for South Australia, The University of Adelaide.

**SHELL POSTGRADUATE SCHOLARSHIPS**

The Shell Company of Australia Limited, on behalf of The Shell Group of Companies in Australia, each year offers two scholarships.

The Shell Postgraduate Arts Scholarship is tenable at the Universities of Oxford or Cambridge for two years. The successful candidate will select a course of reading, in consultation with Oxford or Cambridge authorities, leading to a Bachelor's degree with Honours or to an appropriate further degree or advanced diploma. Applicants for this scholarship should be completing a full-time Honours course for the Degree of Bachelor of Arts, Commerce, Economics or Law at an Australian University at the annual examinations in the year in which they apply.

A second Arts Scholarship may be awarded to a candidate who, when applying, specifically expresses the wish to make a career with Shell in Australia at the completion of the scholarship period.

The Shell Postgraduate Scholarship in Science and Engineering is designed to enable the holder to undertake two years' postgraduate work at the Universities of Oxford, Cambridge or London, or at such other University in the
United Kingdom as may be indicated by the specialised nature of the studies which the scholar intends to follow, and which would be expected to lead to the degree of M.Sc. or Ph.D.

Whilst this award is normally granted for a period of two years, an extension into a third year will be considered provided that it is warranted by the scholar's satisfactory progress and recommended by his University supervisors as necessary to enable him to complete his particular study and/or to attain the standard required for a doctorate. Applicants for the scholarship should have taken with Honours a first degree in Science or Engineering at an Australian University and preferably have had at least one year's experience in research.

Each scholarship is valued at £1,100 sterling per annum. The cost of the passage to the United Kingdom and the return passage to Australia, if effected within 12 months of completion of the scholarship period, will be paid by The Shell Company of Australia Limited.

At the end of the scholarship period the holder may be offered a position with the Shell Group which, however, he is under no obligation to accept.

The scholarships are open to male British subjects who have been domiciled in Australia for the last five years. Candidates should be under 25 years of age at the date of application. They must not currently hold another scholarship for overseas study or be under bond or committed in any way to an employer.

The final selection is made by a Committee comprised of senior members of University staff and the Management of The Shell Company of Australia Limited. The selectors, while giving first consideration to academic achievement, will also take account of achievement or distinction in other spheres as evidence that a candidate may ultimately make an important contribution outside the field of academic or applied research.

Application for these scholarships should be made in October each year to the Staff Manager, The Shell Company of Australia Limited, in the capital city of the State in which the applicant resides. Application forms and further information may be obtained from the Registrar.

FRANK KNOX MEMORIAL FELLOWSHIPS

The Frank Knox Fellowships at Harvard University were established in the conviction "that co-operation between the British Commonwealth and the United States of America, based on an informed and understanding contact of the peoples of these two great countries, is an essential to international peace." Fellowships are awarded annually to students from the United Kingdom, Australia, New Zealand and Canada.

Two of these Fellowships are made available to enable students from Australia to spend one academic year at Harvard University. The Fellows will be required to devote the major part of their time to study in one of the Faculties of Harvard University. These include Arts and Sciences, Business Administration, Design, Divinity, Education, Law, Medicine, Public Administration and Public Health. The University will try to arrange a course suitable to the requirements of each Fellow.
The value of each Fellowship is $US2,000 plus tuition fees. Applicants should be British subjects and Australian citizens and should have recently graduated, or be about to graduate, from a University in Australia. In accordance with the Deed of Gift, "Candidates will be selected on the basis of future promise of leadership. Strength of character, keen mind, a balanced judgment, and devotion to the democratic ideal will be the qualities borne in mind in making the final selection."

Further information is obtainable from the Registrar, with whom applications should be lodged by a closing date which is usually in October each year.

COMMONWEALTH SCHOLARSHIP AND FELLOWSHIP PLAN

The Commonwealth Scholarship and Fellowship Plan is now in its eighth year of operation, the Plan having been originally drawn up at the first Commonwealth Education Conference held at Oxford in 1959. The general basis of the Plan is that those Commonwealth governments which are able to do so should institute Commonwealth Scholarships and Fellowships to be held by men and women from other Commonwealth countries at universities and other institutions of higher education in the awarding country.

The Scholarships aim at providing opportunities for Commonwealth students to pursue advanced courses or research in other Commonwealth countries and are primarily available for postgraduate study or research.

The awards are normally of a value intended to cover return fares, fees, an allowance for maintenance and books, and certain other expenses, and are tenable at a university or other institution of higher learning in the awarding country. They are usually open only to persons under 35 years of age who are Commonwealth citizens or British protected persons and resident in Commonwealth countries other than the awarding country. The normal period of tenure is two academic years, but awards may be made for shorter or longer periods. The conditions and emoluments of awards are determined by the various awarding countries.

During the period covered by the 1966-67 Report on the Commonwealth Scholarship and Fellowship Plan 88 Scholarships were held by Australian students in Britain, Hong Kong, Canada, India and New Zealand, of which 40 were new awards. In addition, Australian students were nominated for awards in Ceylon, Ghana, Jamaica, Malaysia and Nigeria.

Further information on specific awards, including the application procedure, may be obtained from the Registrar.

C.S.I.R.O. OVERSEAS STUDENTSHIPS

The Commonwealth Scientific and Industrial Research Organization each year provides a number of Overseas Postgraduate Studentships to cover a period of postgraduate training in overseas universities. In addition, postdoctoral awards, tenable in an overseas university or research institute, are available for students who have completed or who are nearing completion of the degree of Doctor of Philosophy. The majority of Overseas Studentships will be for postdoctoral study, although a limited number are awarded for predoctoral study.
Studentships tenable overseas will be awarded for study in certain fields specified by the C.S.I.R.O. The living allowance and travel grants depend on where the research is undertaken, the number of dependents and the means of travel.

Applications for C.S.I.R.O. Overseas Postgraduate Studentships should be made on the appropriate application form which may be obtained from the Registrar or from the Secretary (Administration), C.S.I.R.O., 314 Albert Street, East Melbourne, C.2, Victoria. It is expected that applications for 1969 will close early in November, 1968.

COMMONWEALTH UNIVERSITY INTERCHANGE SCHEME

Under the Commonwealth University Interchange Scheme a number of grants towards the cost of travel are made to facilitate visits between universities in various parts of the Commonwealth.

A limited number is made available to postgraduate university research workers holding research grants. Such grants are intended for research workers who have obtained financial support which would enable them to undertake research at a university institution in another Commonwealth country, but who require additional assistance to meet the cost of travel.

The amount of the award is a fixed sum related to the average cost of a tourist class return sea passage.

Further information is obtainable from the Registrar or from the Secretary, Committee for Commonwealth University Interchange, c/- The British Council, State House, High Holborn, London, W.C.1.

BRITISH PASSENGER LINES' FREE PASSAGE SCHEME FOR UNIVERSITY GRADUATES

The Australian and New Zealand Passenger Conference provides each year for a number of first-class return passages to the United Kingdom in accordance with the following conditions:

1. Passages will be available by vessels leaving Australia between 1st July and 31st December, and from the United Kingdom by vessels leaving between 1st March and 30th June in any year.

2. Passages will be awarded only to graduates who show that they will have sufficient funds to enable them to devote their whole time abroad to study and research, and who give an undertaking to do so.

3. Except in leisure hours and in University vacations, paid employment must not be undertaken unless the employment is in itself necessary to the study or research proposed by the passage holder.

4. Passage holders will be expected to spend at least two years abroad.
PRIZES AND SCHOLARSHIPS

5. The Lines will also grant passages to wives and dependent children of such scholars at the minimum rate for the ship in which the passengers travel.

6. Graduates to whom passages are awarded must sign an undertaking that they will, on completion of their courses, return to Australia. Exemption from this regulation may, in special circumstances, be granted by the Conference.

7. In the case of engineering students, it is recognised that some of the time will necessarily be spent in shops and yards of engineering firms, but the Associated Lines have expressed a wish that where possible such students should supplement their practical work by attending a University.

8. Preference in the selection of candidates will be given to graduates who, although possessing sufficient means to live in Europe, could not afford to pay for their sea passage both ways.

9. Application forms are available from the Registrar, with whom completed forms should be lodged not later than a date—usually in March—fixed each year.
SYLLABUSES

Students are expected to procure the latest edition of all set text-books. Those books indicated by an asterisk (*) are available in paperback or student editions.

SCHOOL OF LANGUAGE AND LITERATURE

The Part I and Part II courses in English, French and Spanish constitute unified programmes of study for all students studying these disciplines in the School of Language and Literature. On the completion of Part II, candidates proceed either to the Ordinary Degree of Bachelor of Arts by taking the Part III courses, or to the Honours Degree by commencing their Honours work.

All students admitted to the School are expected to have completed before the commencement of lectures, and may be tested on, the preliminary reading prescribed in the syllabus.

Students are expected to have their own copies of all set books. Students may also wish to have their own copies of books listed for Prescribed Reading, as the number of copies available in the Library will be limited.

In determining the results of candidates, normally half the marks are allocated on the basis of work done during the year and half on the results of the annual examination in both of which students are expected to attain a satisfactory standard. However, Part I candidates whose work throughout the year is of distinction or credit standard and who satisfy the examiners at the end of the second term, or in the first week of the third term, in a linguistic test in the foreign languages which they are taking, may be exempted from further examination at the end of Part I in one or both of their major disciplines. In some topics the annual examination may take a form other than that of a three-hour written paper.

Lectures, tutorials, seminars and practical classes are held within the School. Particular importance is attached to the personal supervision of undergraduates in tutorials. In certain topics the tutorial is the principal teaching medium. Students attend tutorials either individually or in small groups.

Regular work in the language laboratory prepares candidates for the oral examinations in the Part I, Part II and Part III foreign language courses.

BACKGROUND READING

All undergraduates in the School are required to fulfil a programme of Background Reading during the first year of their studies. This is designed both to promote a knowledge of the books selected and to cultivate the habit of wider reading and of listening to music beyond the set syllabuses. This programme does not normally form part of any classroom instruction, but lunchtime lectures on some of the books are held throughout the year by visiting lecturers and members of the University staff.

Undergraduates taking Part II in 1968 will be tested in oral discussion on some of the twenty books on their selected lists at the beginning of their third
term; their selections will have been made from the Background Reading List published in the Calendar for 1967.

Undergraduates taking their Part I in 1968 are required to choose twelve of the titles selected as follows:

Section A is compulsory;

either three books, or two books and *The marriage of Figaro* from Section B; and

four books from each of Sections C and D.

Books which form part of a student's prescribed syllabus for Part I may not be included. A list of each student's chosen titles must be submitted to the School Office not later than the end of Part I. All students will be tested in oral discussion on some of the books on their selected list (including, where applicable, *The marriage of Figaro*) at the beginning of the first term of their Part II.

Any student who fails to give satisfactory evidence of having read and understood these books will be required to present himself for a further test in the following year.

The Background Reading List for 1968 is:

**SECTION A:**


**SECTION B:**

*Homer, The Odyssey*

*Hume, Dialogues concerning natural religion*

*Darwin, The origin of species*

*Marx and Engels, The communist manifesto*

*Einstein, Relativity: a popular exposition* (Methuen)

*Toulmin and Goodfield, The fabric of the heavens*

Mozart, *The marriage of Figaro* (a recording of this work will be available in the School).

**SECTION C:**

*Plato, The republic*

*Virgil, The Aeneid*

*Ovid, The art of love*

*Beowulf*

*Aucassin and Nicolette*

*Dante, Inferno*

*Boccaccio, The Decameron*

*Sir Gawain and the green knight*

*Rabelais, Gargantua and Pantagruel*

*Shakespeare, Othello*

*Cervantes, Don Quixote*

*Voltaire, Candide*

*Goethe, Faust, Part I*

*Melville, Moby Dick*

*Tolstoy, War and peace*
Syllabuses—Language and Literature

Section D:

*Mill, Utilitarianism
*Zola, Germinal
*Ibsen, Hedda Gabler
*Chekhov, Plays (Penguin)
*Lorca, Three tragedies (Penguin)
*Freud, The psychopathology of everyday life
*Mann, Tonio Kröger
*Kafka, The trial
*Lawrence, Lady Chatterley's lover
*Brecht, The threepenny novel
*White, Riders in the chariot
*Grass, The tin drum
*Flew, God and philosophy
*Rolland, Essays on music
*Shaw, G.B.S. on music (Pelican)

Courses in English

100. English I

The English Language and Studies in Literature

This course consists of lectures and seminars extending over the whole year in the structure and history of the English language, and in addition a select period, a literary genre and an author are studied for one term each; each of Topics B, C and D consists of an initial series of lectures followed by a series of supervision classes. Students are expected to have read, and may be tested on, the books set for the term's course before the supervision classes begin.

Preliminary reading:

*Potter, S., Our language (Pelican)
*Brett, R. L., An introduction to English studies (Arnold)
*Fraser, G. S., The modern writer and his world (Pelican)
*McAuley, J., A primer of English versification (Sydney Univ. Pr.)

For reference:

Students will find the following books useful for reference throughout their English courses and are advised, wherever possible, to acquire their own copies:

* Abrams, M. H., A glossary of literary terms (Holt, Rinehart and Winston)
* Parry, J., A guide through English literature (London Univ. Pr.)
* Roget, P., Thesaurus (Penguin)

Warrington, J., Classical dictionary (Everyman)
Sykes, E., Dictionary of non-classical mythology (Everyman)

and any of the following dictionaries:

The shorter Oxford English dictionary
The concise Oxford dictionary
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*The American college dictionary* (Random House)

**The Penguin English dictionary**

**TOPIC A: THE STRUCTURE AND HISTORY OF THE ENGLISH LANGUAGE**

**Set books:**
- Potter, S., *Modern linguistics* (Deutsch)
- Quirk, R., *The use of English* (Longmans)
- Turner, G. W., *The English language in Australia and New Zealand* (Longmans)

**TOPIC B: ENGLISH LITERATURE, 1900-1950**

**Set books:**
- Joyce, J., *A portrait of the artist as a young man* (Penguin)
- Lawrence, D. H., *Sons and lovers* (Penguin)
- Orwell, G., *Nineteen eighty-four* (Penguin)
- Thomas, Dylan, *Collected poems* (Everyman)
- Thomas, Dylan, *Under Milk Wood* (Aldine)
- Yeats, W. B., *To the lighthouse* (Penguin)
- Thomas, Dylan, *Under Milk Wood* (Aldine)
- Yeats, W. B., *Collected poems* (Macmillan)

**TOPIC C: BIOGRAPHY AND AUTOBIOGRAPHY, SEVENTEENTH TO TWENTIETH CENTURY**

**Set books:**
- Walton, I., *Life of Dr. John Donne in Lives* (World's Classics)
- Johnson, S., *Life of Milton*
- Gibbon, E., *Autobiography*
- Gaskell, Mrs. E. C., *The life of Charlotte Brontë* (World's Classics)
- Strachey, G. L., *Eminent Victorians* (Collins Classics)
- Orwell, G., *Homage to Catalonia* and *Down and out in Paris and London*
- Muir, E., *Autobiography* (Methuen)

**TOPIC D: SPECIAL AUTHOR: DRYDEN**

**Set books:**
- Dryden, John, *Selected works*, ed. W. Frost (Holt, Rinehart and Winston)
- Ashley, M., *England in the seventeenth century* (Pelican)

102. ENGLISH II

ENGLISH LITERARY CRITICISM AND STUDIES IN LITERATURE

This course consists of lectures and seminars extending over the whole year in the history, theory and practice of literary criticism, and in addition a
genre, a select period, and a number of Shakespeare's plays are studied for one term each; each of Topics F, G and H consists of a series of lectures and a series of supervision classes.

**TOPIC E: THE HISTORY, THEORY AND PRACTICE OF LITERARY CRITICISM**

*Set book:*
*Enright, D. J., and de Chickera, E., English critical texts (O.U.P.)*

*Prescribed reading:*
*Allott, M., Novelists on the novel (Routledge and Kegan Paul)*
*Daiches, D., Critical approaches to literature (Longmans)*
*Murry, J. Middleton, The problem of style (O.U.P.)*
*Richards, I. A., Principles of literary criticism (Routledge and Kegan Paul)*

**TOPIC F: THE ENGLISH NOVEL, EIGHTEENTH AND NINETEENTH CENTURY**

*Set books:*
*Defoe, Moll Flanders (Random House, Modern Library)*
*Fielding, Tom Jones (Penguin)*
*Smollett, Humphry Clinker (Everyman)*
*Austen, Jane, Mansfield Park (Penguin)*
*Brontë, Emily, Wuthering Heights (Everyman)*
*Dickens, Our mutual friend (Collins Classics)*
*Eliot, George, Middlemarch (Penguin)*
*James, Henry, The portrait of a lady (Random House, Modern Library)*
*Hardy, Jude the obscure (Papermac)*

**TOPIC G: ENGLISH LITERATURE, 1600-1660**

*Set books:*
*Jonson, Ben, The Alchemist (New Mermaids)*
*Webster, John, The Duchess of Malfi (New Mermaids)*
*Bacon, Francis, Of the advancement of learning and New Atlantis (World's Classics)*
*Browne, Thomas, Religio Medici, ed. Winnie (Cambridge Univ. Pr.)*
*Donne, John, Poems (Oxford Standard Authors)*
*Herbert, George, Poems (World's Classics)*
*Marvell, Andrew, Poems (Routledge and Kegan Paul, The Muses Library)*
*Milton, John, Complete poetry and selected prose (Random House, Modern Library College Editions)*

**Either:**
*Gardner, H. (ed.), The metaphysical poets (Penguin)*

**Or:**
*Kenner, H. (ed.), Seventeenth century poetry (Holt, Rinehart and Winston)*
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TOPIC H: SHAKESPEARE

Set books:
Romeo and Juliet, Othello, Love's labour's lost, Measure for measure
(New Cambridge or Cambridge Pocket editions)

Prescribed reading:
*Ludowyk, E. F. C., Understanding Shakespeare (Cambridge Univ. Pr.)
*Harrison, G. B., Introducing Shakespeare (Pelican)
*Wilson, J. Dover, The essential Shakespeare (Cambridge Univ. Pr.)

104. ENGLISH III

ADVANCED STUDIES IN ENGLISH LANGUAGE AND LITERATURE

This course consists of a series of lectures extending over the whole year in Topic I; of lectures and supervision classes extending over one term each in Topics J and L; and of a programme of supervised reading leading to a long essay in Topic K.

TOPIC I: MAJOR TEXTS

This course is designed as a study of the major literary movements from the Renaissance to the present day on the basis of a number of representative major works. Undergraduates are expected to prepare for the lectures by a close reading of the set books beforehand.

Set books:

First Term
Shakespeare, Sonnets, ed. Seymour-Smith (Heinemann) or * (Signet Classics)
*Spenser, The Faerie Queene, Book VI (Oxford Standard Authors)
Bacon, The advancement of learning and New Atlantis (World's Classics)
*Milton, Paradise lost, Areopagitica. In Complete poetry and selected prose (Random House, Modern Library College Editions)
*Pope, Essay on man in The poems of Alexander Pope (Methuen)

Second Term
Graves, R. (ed.), English and Scottish ballads (Heinemann)
Scott, Waverley (Nelson Classics)
*Peacock, Nightmare Abbey (Everyman)
Wordsworth, The prelude, ed. de Selincourt, 2nd ed. (O.U.P.)
Coleridge, Selected poems (Heinemann)
Byron, Don Juan (Oxford Standard Authors)
Keats, Selected poems and letters, ed. Gittings (Heinemann)

Third Term
*Conrad, Lord Jim (Penguin)
Joyce, J., Ulysses (Bodley Head)
*Lawrence, D. H., Sons and lovers (Penguin)
*Fitzgerald, F. S., The great Gatsby (Penguin)
*Faulkner, W., Light in August (Penguin)
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**Topic J: Special Author (First Term)**

*Either (a) Chaucer*

*Set book:*


- *The Book of the Duchess*
- *The Prologue to the Canterbury Tales*
- *The Knight’s Tale*
- *The Miller’s Tale*
- *The Wife of Bath’s Prologue and Tale*
- *The Pardoner’s Prologue and Tale*

*Or (b) T. S. Eliot*

*Set books:*

- *Collected poems, 1909-1962* (Faber)
- *Collected plays* (Faber)
- *Selected prose* (Peregrine)

**Topic K: Special Topic (Second Term)**

At the beginning of the academic year each undergraduate will select a literary or linguistic topic for special study, in consultation with the Professor of English. A list of topics for which supervision can be provided during the year, will be available. It may be possible for other topics to be offered, in order to allow undergraduates to concentrate on authors or genres in which they have developed a particular interest. Undergraduates will receive programmes of reading and will be expected to submit, not later than the end of the August vacation, an essay of approximately 7,000 words on an aspect of their chosen topic to be determined in consultation with their supervisor.

**Topic L: Comedy (Third Term)**

*Set books:*

- *Barnet, S., and others (eds.), Eight great comedies* (Mentor)
  - Aristophanes, *The clouds*
  - Shakespeare, *Twelfth night*
  - Molière, *The miser*
  - Wilde, *The importance of being earnest*
  - Shaw, *Arms and the man*
  - Jonson, *Volpone*
  - Congreve, *The way of the world*
  - Sheridan, *The school for scandal*

_Courses in French_

110. _French I_

_AN INTRODUCTION TO FRENCH STUDIES_

This course assumes a knowledge of French for the Matriculation Examination. Students who have not passed Matriculation French should consult the Professor of French as early as possible prior to enrolment.

In this course, candidates study French language and literature in the twentieth century.
Preliminary reading:
*Auerbach, E., *Introduction to Romance languages and literature* (Capi-
corn)

All students must read this book before they enrol for this course and they
will be examined on it during Orientation week.

**Topic A: Language**

(i) Written French

**Set books:**

Part I (Blackwell)

Lagarde, A., et Michard, L., *XXe siècle* (Bordas, Harrap)

Harrap's *Shorter French and English dictionary,* ed. Mansion, J. E.

Harrap's *Standard French and English dictionary* is an invaluable work of
reference and undergraduates who wish to specialize in French or who
intend to teach the subject themselves after completing their degrees are
strongly advised to buy it in preference to the *Shorter dictionary* mentioned.

*For reference:*

Robert, P., *Dictionnaire alphabetique et analogique de la langue française*

Bailly, R., *Dictionnaire des synonymes* (Larousse)

Bénac, H., *Dictionnaire des synonymes* (Hachette)

*Larousse classique* (Larousse)

(ii) Spoken French

All candidates follow courses in the language laboratory throughout the year
and they are also able to make use of its facilities privately until their
work has reached the required standard. The oral examination includes
dictation, phonetic transcription, reading aloud and conversation in French.

Questions asked by the examiner are designed to test the candidate's know-
ledge of the books or newspapers which are prescribed for study in *Topic B.*

**Set books:**

Armstrong, L. E., *The phonetics of French* (Bell)

Harris and Lévêque, *Intermediate conversational French* (Holt, Rinehart
and Winston)

Léon, M., *Exercices systématiques de prononciation française,* Parts I and
II (Hachette-Larousse)

**Topic B: Literature**

(i) French Literature in the Twentieth Century

**Set books: Any five of the following:**

*Gide, *L'Immoraliste* (Livre de Poche)

Camus, *L'Étranger* (Methuen)

*Sartre, Les mains sales* (Livre de Poche)

*Sartre, Huis clos* (Livre de Poche)

*Claudel, L'Annonce faite à Marie* (Livre de Poche)

*Eluard, P., Poèmes* (Livre de Poche)


*Brassens, Georges Brassens: Présentation par A. Bonnafé* (Seghers)

**Set books for all students:**

Freud, S., *Civilization and its discontents,* ed. J. Strachey (Hogarth)

Lagarde, A., et Michard, L., *XXe siècle* (Bordas, Harrap)
Class work during the year in this Topic may be conducted in English or French, but examination papers at the end of the year are to be answered in English.

(ii) The French and the English Press
Subjects for special study in those French and English newspapers to which the Flinders University Library has a subscription are prescribed during the course of the year. All work for this subject is normally written in French.

112. FRENCH II

FRENCH STUDIES: MEDIEVAL AND NINETEENTH CENTURY

Topic C: Language

(i) Written French

Set books:
Byrne, L. S. R., and Churchill, E. L., A comprehensive French grammar, Parts I and II (Blackwell)
Robins, R. H., General linguistics: an introductory survey (Longmans)

(ii) Spoken French

The oral examination includes dictation, reading aloud, exposition by the candidate of one or several topics proposed by the examiner and conversation in French. The topics for exposition and conversation are taken mainly from the books prescribed under Topics C to F according to the options taken by the candidate.

Any two of the following, Topics D to F.

Topic D: THE FRENCH NOVEL IN THE NINETEENTH CENTURY

Set books:
*Stendhal, La chartreuse de Parme (Livre de Poche)
*Balzac, Le cousin Pons (Livre de Poche)
*Balzac, Le lys dans la vallée (Livre de Poche)
*Flaubert, Madame Bovary (Livre de Poche)
*Flaubert, L'Éducation sentimentale (Livre de Poche)
*Zola, Germinal (Livre de Poche)

Prescribed reading:
Lagarde, A., et Michard, L., XIXe siècle (Bordas)

Topic E: FRENCH POETRY IN THE FOURTEENTH AND FIFTEENTH CENTURIES

Set books:
Guillaume de Machaut, and Deschamps, E., Poésies (an anthology provided by the School)
Chartier, A., La belle dame sans mercy, ed. Piaget (Textes littéraires français, Giard; Droz)
Charles d'Orléans, Poésies, ed. Champion, Vol. I (Classiques français du moyen âge, Champion)
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*Villon, François, *Poesies complètes*; ed. Guiette (Livre de Poche)
*Schmidt, A. M., *XIVe et XVe siècles français* (Seghers)
*Le Gentil, P., *La littérature française du moyen âge* (Colin)
*Huizinga, J., *The waning of the Middle Ages* (Peregrine or Anchor)

*For reference:*
Deschamps, Eustache, *Oeuvres complètes*, pub. par le Marquis de Queux de Saint-Hilaire et Raynaud, G. (Société des Anciens Textes Français, 1878-1903)
Poirion, D., *Lexique de Charles d'Orléans dans ses ballades* (Pub. romanes et françaises; Droz)

**TOPIC F: HISTORICAL FRENCH LINGUISTICS**

*Preliminary reading:*
Wartburg, W. von, *Evolution et structure de la langue française* (Francke)

All students must read this book before they enrol for this course and they will be examined on it in the first week of First Term.

*For reference:*
Fouché, P., *Phonétique historique du français* (Klincksieck)
Foulet, L., *Pétite syntaxe de l'ancien français* (Classiques français du moyen âge, Champion)
Nyrop, K., *Grammaire historique de la langue française*, vols I and II (Picard)
Pope, M. K., *From Latin to modern French* (Manchester Univ. Pr.)
Brunot, F., and Brunéau, C., *Précis de grammaire historique de la langue française* (Masson)
Bloch, O., and Wartburg, W. von, *Dictionnaire étymologique de la langue française* (Presses Universitaires de France)
Bourciez, E., *Précis historique de phonétique française* (Klincksieck)

114. FRENCH III

ADVANCED FRENCH STUDIES

**TOPIC G: LANGUAGE**

*Preliminary reading:*
Etiemble, R., *Parlez-vous français?* (Gallimard)

(i) Written French

*Set books:*
LaGarde, A., et Michard, L., *XVIIe siècle* (Bordas)

*For reference:*
Wagner, R. L., and Pinchon, J., *Grammaire du français classique et moderne* (Hachette)
Cayrou, G., *Le français classique: lexique de la langue du XVIIe siècle* (Didier)
Grevisse, M., *Le bon usage* (Hatier)

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(ii) Spoken French
The oral examination follows the pattern of Topic C, (ii), with dictation, reading aloud, conversation, and exposition on a subject proposed by the examiner, which the candidate will have a brief period to prepare. There will also be a comprehension test in which students will hear a piece of unseen French spoken aloud, and will be examined on its subject matter.

**TOPIC H: THE FRENCH THEATRE IN THE SIXTEENTH AND SEVENTEENTH CENTURIES**

**Set books:**

- *Euripides, Hippolytus, in Alcestis and other plays* (Penguin)
- Seneca, *Hippolytus, in Four tragedies and Octavia* (Penguin)
- Garnier, *Oeuvres complètes* (Garnier)
- Racine, *Oeuvres complètes* (Collection L'Intégrale, Editions du Seuil)
- *Pignarre, R., Histoire du théâtre* (Que sais-je?, P.U.F.)

One of the following, Topics I and J, provided that Topic J may not be presented if Literary Criticism (188) is being presented for the degree:

**TOPIC I: THE FRENCH THEATRE BEFORE 1500**

**Set book:**


**TOPIC J: FRENCH LITERARY CRITICISM**

**Set books:**

- *Moreau, P., La critique littéraire en France* (Colin)

Students taking French III may, with the permission of the Board, choose to take as their Part III Cognate course one of the Honours Topics 28, 29 or 31. Class work during the year in Topics H, I, and J, and in the Honours Topics listed may be conducted in English or French, but examination papers in these topics are to be answered in English.

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**Courses in Spanish**

**120. SPANISH I**

**INTRODUCTION TO MODERN SPANISH**

It is recommended that students wishing to enrol in this course should have passed in a Modern Language or in Latin at the Leaving Examination. Those who wish to enrol without such a qualification should consult the Professor of Spanish as early as possible prior to enrolment.
In this course students will be expected to acquire a working knowledge of elementary spoken and written Spanish, the geography of Spain and recent Spanish history. Language work will consist of a language laboratory course, to which students will be expected to devote at least three hours weekly, and a weekly grammar and translation class, in which written work is returned. During second and third terms, five modern Spanish literary texts will be studied in detail.

**Preliminary reading:**
*Atkinson, W. C., A history of Spain and Portugal (Pelican)*
*Auerbach, E., Introduction to Romance languages and literature (Capricorn)*
*Brenan, G., The literature of the Spanish people (Peregrine or Meridian)*
*Fisher, W. B., and Bowen-Jones, H., Spain (Chatto and Windus)*
*Trend, J. B., The civilization of Spain (O.U.P.)*

**TOPIC A: LANGUAGE**

**Set books:**
*Langenscheidt’s Standard dictionary of the English and Spanish languages,* by Smith, C. C., Davies, G. A., and Hall, H. B.
*Richardson, W. A. R., Modern Spanish unseens (Pergamon)*
*Da Silva, Z. S., Beginning Spanish (Harper and Row)*

The oral examination includes dictation, reading, comprehension and simple conversation. The written examination, which is based on *Beginning Spanish* and on work done in the weekly grammar and translation classes, may include exercises in comprehension, translation and free composition.

**TOPIC B: MODERN SPANISH LITERATURE**

**Set books:**
*Flores, A., An anthology of Spanish poetry (Doubleday, Anchor)*
*Pérez Galdós, B., Doña Perfecta (Dell)*
*García Lorca, F., La zapatera prodigiosa (Harrap)*
*Delibes, M., El camino (Harrap)*
*Boodsworth, W., and James, E. G., ed., Cuentos modernos españoles e hispanoamericanos (Black)*

In the literature examination questions may be asked on any of these prescribed texts and the recommended listening.

**Recommended listening:**
*Delibes, M., Selected readings from El camino*
*Pérez Galdós, B., English translation of Doña Perfecta*
*Alarcón, P. de, El libro talonario,* Folkways FL 9931
*Machado, A., and Bécquer, G. A., Selected poems, Aguilar GPE 12 101 and GPE 12 107*

**CONTEMPORARY SPAIN AND LATIN AMERICA**

This is a second-year outline course in the literature, drama and history of contemporary Spain and Latin America, designed to develop the comprehension and appreciation of contemporary spoken and written Spanish. Weekly language, essay and conversation classes are continued, together with work in the language laboratory.
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Preliminary reading:
Burns, A., *España ayer y hoy* (Harrap)

**Topic C: Language**

*Set books:*

Ramsden, H., *An essential course in modern Spanish* (Harrap)
Smith, C. C., *An English-Spanish word-list* (Harrap)

The oral examination includes more advanced conversation and dictation, and a reading and comprehension test based on *A concept approach to Spanish*. The passages set for translation in the written examination will be taken from contemporary Spanish and Latin American works.

**Topic D: Contemporary Spanish Literature**

*Set books:*

*Cela, C. J.,* *La familia de Pascual Duarte* (Col. Austral, Espasa-Calpe, Ancora y Delfín, Destiny or Appleton-Century-Crofts)
Martín Gaite, C., *Entre visillos* (Ancora y Delfín, Destiny)
Casona, A., *Los árboles mueren de pie* (Harrap)
Buero Vallejo, A., *Hoy es fiesta* (Harrap)
*Goytisolo, J.,* *Campos de Nijar* (Seix Barral)

*Prescribed reading:*

Nora, E. G. de, *La novela española contemporánea*, 2 vols. (Gredos), chapters on Cela and Carmen Martín Gaite

**Topic E: Contemporary Spanish American Literature**

*Set books:*

Quiroga, H., *Cuentos de amor, de locura y de muerte* (Losada)
Quiroga, H., *El desierto* (Losada)
Asturias, M. A., *Week-end en Guatemala* (Obras escogidas II, Aguilar)
Neruda, P., *An anthology* (to be supplied in a cyclostyled edition)

*Prescribed reading:*

*Pendle, G.,* *A history of Latin America* (Pelican)
Ferguson, J. H., *The revolutions of Latin America* (Thames and Hudson)

*Englekirk, J. E.,* and others, *Outline history of Spanish American literature* (Appleton-Century-Crofts)

*Recommended listening:*

Quiroga, H., Selected short stories
Neruda, P., *Alturas de Macchu Picchu*, Odeon LDC 36551
Mistral, G., *Poesías*, ECDO LR-41
Me llamo Antonio Buero Vallejo, AS-MLL 009

In the literature examination questions may be asked on any of the prescribed texts, and the recommended listening.
This course is intended to serve as an introduction to Spanish literature, history and thought between 1492 and 1700. Weekly language, essay and conversation classes are continued, together with work in the language laboratory.

Preliminary reading:
- Elliott, J. H., *Imperial Spain* (Arnold)
- Brenan, G., *The literature of the Spanish people* (Pelican)

**TOPIC F: LANGUAGE**

*Set book:*

The examination consists of one or two passages from sixteenth or seventeenth century literature for translation into English, one passage of modern English for translation into Spanish, and an essay in Spanish. The oral examination includes conversation and dictation, and a reading and comprehension test based on *Galéria hispánica*.

*Any two of the following, Topics G to I.*

**TOPIC G: GOLDEN AGE VERSE DRAMA** (First term)

Preliminary reading:
- Parker, A. A., *The approach to the Spanish drama* (Diamante VI, Heffer)

*Set books:*
- Lope de Vega, *El castigo sin venganza* (Pergamon)
- Calderón de la Barca, *A secreto agravió, secreta venganza* (Clásicos Castellanos)

*For reference:*
- Chaytor, H. J., *Dramatic theory in Spain* (Cambridge Univ. Pr.)
- Shergold, N. D., *A history of the Spanish stage* (O.U.P.)
- Vossler, K., *Lope de Vega y su tiempo* (Revista de Occidente)
- Vossler, K., *Lecciones sobre Tirso de Molina* (Taurus)
- Sloman, A. E., *The dramatic craftsmanship of Calderón* (Dolphin)

*Recommended listening:*
- Lope de Vega, *Fuenteovejuna*, RCA 3LB 15007
- Calderón de la Barca, *El alcalde de Zalamea*, RCA 3LB 15002
- *Teatro clásico español*, RCA 3LI 15001

**TOPIC H: GOLDEN AGE PROSE** (Second term)

Preliminary reading:
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Set books:
Cervantes Saavedra, M. de, Don Quijote (Austral)
Quevedo, F. de, El Buscón (Clásicos Castellanos)

For reference:
Bataillon, M., La Célestine selon Fernando de Rojas (Didier)
Casalduero, J., Sentido y forma del Quijote (Insula)
Riley, E., Cervantes's theory of the novel (Clarendon Pr.)
Menéndez Pidal, R., De Cervantes y de Lope de Vega (Austral)
Parker, A. A., Literature and the delinquent (Edinburgh Univ. Pr.)
Papell, A., Quevedo: su vida, su tiempo, su obra (Barna)
Valbuena Prat, A., La novela picaresca española (Aguilar), pp. 11-65

Recommended listening:
Cervantes Saavedra, M. de, Don Quijote (Selected readings): PRG 20200
Quevedo, F. de, El Buscón (Selected readings), Argo RG 292

TOPIC I: GOLDEN AGE POETRY (Third term)

Preliminary reading:
Terry, A., An anthology of Spanish poetry, 1500-1700 (Pergamon), pp. ix-xxxii

Set books:
*Smith, C. C., Spanish ballads (Pergamon)
Tettenborn, P. D., Spanish lyrics of the golden age (Bell) (with special reference to Garcilaso, Fray Luis de León, Herrera, Quevedo and Góngora)
Gallego Morell, A., Garcilaso de la Vega y sus comentaristas (Ed. Ibero-americanas)

Reference books:
Praz, M., Studies in seventeenth century imagery (Edizioni di Storia e Letteratura)
Arce de Vázquez, M., Garcilaso de la Vega (Univ. de Puerto Rico)
Lapesa, R., La trayectoria poética de Garcilaso (Revista de Occidente)
Bell, A. F. G., Luis de León (Clarendon Pr.)
Vossler, K., Fray Luis de León (Austral)
Alonso, D., La lengua poética de Góngora (CSIC)

Recommended listening:
Romancero español, I and II, Aguilar GPE 10 107/8
Selected poems by Garcilaso, Luis de León, Lope de Vega, San Juan de la Cruz, and Góngora, in Spanish poetry read by R. Florit, Argo RG 293
San Juan de la Cruz, Poesías, Folkways FL 9932

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Courses in Drama

130. DRAMA I

ASPECTS OF MODERN DRAMA, 1887-1966

A course of lectures, tutorials, viewing and workshop sessions taken over the whole year as an introduction to the discipline in modern terms. The course deals with major trends in theatre, film, television and radio and concentrates on the work of major contributors to the drama.

Preliminary reading:
* Gassner, J., The theatre in our times (Crown)
* Montagu, I., Film world (Pelican)
* Stanislavskii, K., My life in art (Meridian)
* Marshall, N., The producer and the play (MacDonald)
* Tynan, K., Tynan on theatre (Pelican)

TOPIC A: REALISM AND NATURALISM (first term)

Set books:
* Ibsen, H., Hedda Gabler and other plays (Penguin)
* Chekhov, A., Plays (Penguin)
* Shaw, G. B., Plays unpleasant (Penguin)
G. O'Neill, E., The iceman cometh (Cape)
O'Neill, E., Long day's journey into night (Cape)
* Miller, A., Death of a salesman (Penguin)
* Lawler, R., Summer of the seventeenth doll (Fontana)
* Chayefsky, P., Television plays (Essandess)

Prescribed reading:
* Jacobs, L., An introduction to the art of the movies (Noonday)
* Sprinchorn, E. (ed.), The genius of the Scandinavian theatre (Mentor)
* Stanislavskii, K., An actor prepares (Bles) or Building a character (Reinhardt & Evans)
* Shaw, G. B., Plays and players (World's Classics)
* Lewis, R., Method—or madness (Heinemann)

TOPIC B: THE REVOLT OF THE IMAGINATION (second term)

Set books:
* Eliot, T. S., Murder in the cathedral (Faber)
* Garcia Lorca, F., Three tragedies (Penguin)
* Thomas, D., Under Milk Wood (Dent)
* Ionesco, E., Rhinoceros, The chairs, The lesson (Penguin)
* Beckett, S., Waiting for Godot (Faber)
* White, P., Four plays (Eyre & Spottiswoode)
* Adamov, A., Paolo Paoli (Calder)

Prescribed reading:
* Aspects of drama and the theatre, by Coe, R. N., and others (Sydney Univ. Pr.)
* Artaud, A., The theatre and its double (Grove)
* Sokel, W. H. (ed.), An anthology of German expressionist drama (Double-day Anchor)
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**Topic C: Epic and Didactic Drama (third term)**

*Set books:*
- Behan, B., *The Quare Fellow* (Methuen).
- Hochhuth, R., *The Representative* (Methuen).

*Prescribed reading:*

**Topic D: Workshop Drama (first, second and third terms)**

*Term I:* What drama is and does—a study of dramatic action in personal and general terms.

*Terms II and III:* An introduction to performance techniques including film and television.

132. DRAMA II

**Shakespeare, Jonson, and the Elizabethan Drama**

A course of lectures, tutorials and workshop classes devoted to a study of Elizabethan drama with emphasis on Jonson and Shakespeare. This study will also involve consideration of the indigenous medieval English drama and the contemporary European drama of the Renaissance. Detailed reading lists will be available before the commencement of first term.

**Topic E: An Introduction to Medieval and Renaissance Drama (first term)**

**Topic F: Shakespeare and Jonson—a Comparative Study (second term)**

**Topic G: Elizabethan Comedy and Tragedy (third term)**

**Topic H (first, second and third terms):**

*First and second terms:* In the first and second terms students will participate in a production study of *Bartholomew Fair* by Ben Jonson and attend a series of practical tutorials in aspects of theatrical skill.

*Third term:* In the third term students will be invited to specialize in some aspect of dramatic activity, either practical or theoretical and will join a specialist workshop group of their choice after consultation with the Professor of Drama.

*Note:* The work of all students in Topic H will be assessed by their level of understanding and critical appreciation and not by the level of their personal skill or competence in theatrical presentation.
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134. DRAMA III

THE DEVELOPMENT OF DRAMATIC FORMS AND THE EVOLUTION OF STYLE

**Topic I:** Tragedy (first term)

**Topic J:** Comedy (second term)

**Topic K:** The Popular Tradition (third term)

**Topic L:** Workshop Drama (first, second and third terms)

Film appreciation
or Uses of film and television
or Theories of rehearsal and performance

In this third-year topic students will be expected to participate in a practical project in film, television or theatre or produce a work of dramatic criticism on a given performance or series of performances in a chosen and approved field. Although this project will be supervised it must be undertaken by the students themselves.

Courses in Philosophy

140. PHILOSOPHY I

AN. INTRODUCTION TO PHILOSOPHY

The course has two aims. The first is to provide a general introduction to many of the main outstanding problems in Philosophy. The second is to provide some of the logical and methodological equipment needed to handle these problems. The course will require two lectures and two tutorial classes per week.

**Topic A:** General Philosophy

*Set book:*

Hume, David, *Enquiries concerning the human understanding and concerning the principles of morals* (Clarendon Pr.)

**Topic B:** Logic

*Set books:*

Barker, Stephen F., *The elements of logic* (McGraw-Hill)

Levison, Arnold B., *Study guide for S. F. Barker's The elements of logic* (McGraw-Hill)

142. PHILOSOPHY II

Any two of the topics listed below, provided only that Formal Logic II should not be undertaken without Formal Logic I.
144. PHILOSOPHY III

Any two of the following topics not already passed for Philosophy II, provided only that Formal Logic II may not be undertaken without Formal Logic I by a candidate who has not already passed Formal Logic I.

Topics

**Topic C: Epistemology and Metaphysics I**

An account of the role of epistemological theories in the philosophy of mind; a classification and discussion of the major theories concerning the nature of mind with an examination of some central mental concepts.

*Set books:*

*Berkeley, G., Berkeley's philosophical writings, ed. by D. M. Armstrong (Collier)*

*Descartes, R., Philosophical writings, ed. and tr. by G. E. M. Anscombe and P. T. Geach (Nelson)*

*Presley, V. (ed.), The identity theory of mind (Queensland Univ. Pr.)*

*Ryle, G., The concept of mind (Peregrine)*

**Topic D: Epistemology and Metaphysics II** (not offered until 1969)

**Topic E: Moral Philosophy**

A classification of ethical theories into three kinds: descriptive, normative and analytic; an account of the inter-relations of theories of these three kinds in the work of a number of important moral philosophers.

*Brandt, R. B. (ed.), Value and obligation* (Harcourt, Brace and World)

**Topic F: Formal Logic I**

A rigorous intermediate treatment of propositional and predicate logic, paying particular attention to meta-theory

*Set book:*

*Mates, B., Elementary logic* (O.U.P.)

**Topic G: Formal Logic II** (not offered until 1969)

**Topic H: The Philosophy of Language** (not offered until 1969)

One honours topic may be offered in 1968 if there is a demand for it; otherwise no honours topic will be offered until 1969.

Courses in Music

Four possibilities are available to students wishing to include music as part of their studies for the B.A. degree:

(i) A one-year course, the History of Western Music A, may be taken in isolation in either Part I or Part II as the third elective course. The course will not assume any previous musical study.

(ii) A student who has successfully taken the History of Western Music A in Part I and has demonstrated suitable practical ability may take Musicology I and II in Part II and Part III respectively.
(iii) A student who has the requisite practical ability may take Musicology I and II in Part I and Part II, and may follow it with History of Western Music B as a rigorous musicological study of musical history in Part III. Students are not encouraged to embark on this possibility unless there is no doubt about their competence to do so.

(iv) A student who is competent to do so may take musicological topics in the Part III or Part IV of an honours programme of study. Normally this will require successful study in Musicology I and II. In certain special cases topics arising from studies which are primarily literary may be taken without previous musicological study; and in such cases a student would be required to offer Topic 100 with the topic or topics of his choice.

Students should note that these courses are included in the Groups for the B.A. degree as the third elective course in each year. Consequently, although it will normally be permissible for a competent student to include music in all parts of the degree, there is no commitment to continue from one year to the next, and the successful completion of the degree does not depend upon doing so.

180. HISTORY OF WESTERN MUSIC A

This course in the history of western music is intended for students who have a serious interest in music as listeners. There are no pre-requisites. Competence in playing or singing will not be assumed, and training in these skills will not be included in the course.

The course will consist of two elements: a course of weekly lectures, and a course of listening sessions. The lecture course will survey the evolution of western music from the earliest until recent times. The listening sessions will be partly live and partly recorded; they will present a wide variety of music, and will include whenever possible items relevant to other courses offered in the School; they will include illustrations specifically called for by the lecture course, but they will not be closely linked with it. A short weekly exercise will be linked with the lecture course; and a half-term test will be based on the listening sessions.

Set books:

Bacharach, A. L. (ed.), The new musical companion (Gollancz)
*Illing, R., Pergamon dictionary of musicians and music, vols. I and II (Pergamon)
*Westrup, J., An introduction to musical history (Hutchinson)
*Robertson, A., and Stevens, D., Pelican history of music, vols. I and II (Pelican)
*Seay, A., Music in the medieval world (Prentice-Hall)
*Newman, J., Renaissance music (Prentice-Hall. In press)
*Palisca, C., Baroque music (Prentice-Hall. In press)
*Pauly, R. G., Music in the classic period (Prentice-Hall)
*Revitt, P., Nineteenth-century romanticism in music (Prentice-Hall. In press)
*Nettl, B., Folk and traditional music of the western continents (Prentice-Hall)

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*Calvocoressi, M. D., *A survey of Russian music* (Pelican)
*Chase, G., *The music of Spain* (Dover)
*Cooper, M., *French music* (O.U.P.)
*Dent, E., *Opera* (Pelican)

Students will need to have their own copies of these books for study in connection with the course of lectures. The equivalent of programme notes will be provided for the course of listening sessions either in the form of typescript or of references to authorities which may be consulted in the Library. The course of listening sessions may necessitate attendance at live recitals in the University of Adelaide.

181. MUSICOLOGY I

The courses in musicology are intended to equip students of English or a European foreign language with the technical ability and historical knowledge for a proper study of a variety of topics which involve music and literature simultaneously, especially those which are offered for the Honours Degree in the School.

Musicology I will assume instrumental or vocal competence equivalent to Grade VII of the Australian Music Examinations Board. Studies in musical performance will not be included in the course, and competence as a performer will not be examined. Students will, however, be expected to demonstrate technical matters within the limits of their practical ability.

**Preliminary reading:**
*Dent, E., *Opera* (Pelican)
*Robertson, A., *Chamber music* (Pelican)

These books provide an introductory survey of certain aspects of Western music; they form the nucleus of a modest personal collection for ready reference; and they suggest how such a collection may be built up.

**Topic A: Notations**

The musical notations of Western Europe from the Middle Ages until now. Students will be expected to acquire facility in reading and transcribing a variety of notations.

There is no set book; but students will be expected to provide themselves with the necessary photocopies of manuscripts and original editions.

**Topic B: Studies in Lexicography**

Matters of musical vocabulary and syntax; and problems of description and definition in an evolutionary art.

**Set books:**
*Blom, E., *Everyman's dictionary of music* (Dent)

Study will be on a comparative method based on these three dictionaries which are similar in size; and all three dictionaries will be available for
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reference in the Library. Students are recommended to have one of them for their personal use, and the Collins is likely to be the volume of choice.

**Topic C: Biography**

The persons of musical history; and musical biography as a literary art—an individual study of three representative biographies specified according to each student's interests.

There are no general set books for this topic. The dictionaries prescribed for Topic B will be drawn upon for general study; and an appropriate selection of books will be prescribed for each student for his individual study.

182. **Musicology II**

This course will assume knowledge of Musicology I.

**Topic D: Analysis**

The techniques of musical analysis. Students will be expected to become competent in analysing a variety of important types.

There is no set book; but students will be expected to provide themselves with the necessary photocopies of manuscripts and original editions, and these will include the texts studied for Topic A in Musicology I.

**Topic E: Studies in Bibliography**

Primary sources for historical and practical purposes; and the relative validity of works of reference and other authorities.

*Set books:*

Grout, D., *A history of Western music* (Dent)
Kinsky, G., *A history of music in pictures* (Dent)

These three books will be taken as the set guides to authoritative texts. All are expensive; and the Kinsky is long out of print. Any student able to acquire a copy of one or more of these books is strongly recommended to do so.

**Topic F: Criticism**

The musical writings of men of letters from Plato to Shaw; and the writings of musicians about themselves and their art—an individual study of one composer specified according to each student's interests.

There are no separate set books for this topic. The anthology by Strunk prescribed for Topic E will be drawn upon, and this will be supplemented by extracts from the writings of later men. An appropriate selection of books will also be prescribed for each student for his individual study.

183. **History of Western Music B**

This course in the history of western music is intended for students who have successfully completed Musicology I and Musicology II.

The course will consist of two elements: a course of weekly lectures, and a course of listening sessions. The lecture course will survey the evolution
of western music from the earliest until recent times. The listening sessions will be partly live and partly recorded; they will present a wide variety of music, and will include whenever possible items relevant to other courses in the School; and they will include illustrations specifically called for by the lecture course, but they will not be closely linked with it. These lectures and listening sessions will be the same as for Course 180.

Students will be required to choose for individual study three of the following types of music:

(i) Music for the stage
(ii) Sacred choral music
(iii) Orchestral music
(iv) Chamber music
(v) Keyboard music
(vi) Song
(vii) Church music
(viii) Folk music

They will be expected to pay special attention to the technical and historical aspects of these; and to study rigorously the original manuscripts and earliest editions of an appropriate selection of music referred to in the lecture course or heard in the listening sessions.

The set books for topic E in Musicology II will now be taken as historical accounts to be studied in association with the lecture course. Musical texts will be prescribed individually according to the types of music chosen for special study.

Courses in Fine Arts

186. FINE ARTS

A study of European art from the late medieval period to the present time, with special reference to the Italian Renaissance and the nineteenth century. The course will consist of lectures and tutorials throughout the year, and will include an excursion to the National Gallery of Victoria during the August vacation.

Students taking the course as a Part II or Part III cognate will also be expected to attend a seminar in each term and to make a special study of a selected topic.

Introductory reading:

Gombrich, E. H., The story of art (Phaidon, 1957)

Prescribed books:

Janson, H. W., A history of art (Thames & Hudson, 1962)
*Murray, P. and L., A dictionary of art and artists (Penguin or Thames & Hudson)
Myers, Bernard S., Modern art in the making (McGraw-Hill, 1959)
*Panofsky, E., Meaning in the visual arts (Doubleday, 1955)
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For reference:
Antal, F., *Classicism and Romanticism* (Routledge, 1966)
Baudelaire, C., *The painter of modern life and other essays* (Phaidon, 1964)
*Blunt, A., *Artistic theory in Italy, 1450-1600* (O.U.P.)
*Hauser, A., *The social history of art*, 4 vols. (Routledge)
*Holt, E. G., *From the Classicists to the Impressionists* (Doubleday, 1966)
*Janson, H. W. (ed.), *Sources and documents in the history of art series* (Prentice-Hall)
*Pevsner, N., *An outline of European architecture* (Pelican)
Pevsner, N. (ed.), *Pelican history of art series*
*Wind, E., *Pagan mysteries in the Renaissance* (Peregrine or Faber)
Wöllflin, H., *Classic art* (Phaidon)
*Wöllflin, H., *Principles of art history* (Dover)

Other Courses

188. PRINCIPLES AND PRACTICE OF LITERARY CRITICISM

This second-year course consists of lectures, seminars and tutorials extending over the whole year in the history, theory and practice of literary criticism, and is designed for students of French/Spanish, Drama/French, Drama/Spanish, Philosophy/French and Philosophy/Spanish. They will attend the lectures and seminars for English II (102), Topic E, and such tutorials as may be arranged; in addition, they will prepare written work for tutorials which will be arranged either in French criticism, or in Spanish criticism, according to preference.

Set book and prescribed reading as for English II (102), Topic E.

For Spanish students, set books are:
*Correa Calderón, E., and Lázaro, F., *Cómo se comenta un texto literario* (Anaya)

For French students the set book is:
*Carloni, J. C., et Filloux, J. C., *La critique littéraire* (Que sais-je ?) (P.U.F., 1960)
THE HONOURS COURSES IN THE SCHOOL OF LANGUAGE AND LITERATURE

Candidates whose performance in the Part II examinations is of sufficient standard may proceed to the Honours degree. Such students commence their Honours work instead of taking the Part III courses. No written examinations are held at the end of Part III (Hons.) and candidates will be examined on their Honours work at the end of Part IV.

Honours candidates select a total of eight topics for specialized study in Part III (Hons.) and Part IV. All courses of study for Honours must be approved by the Board of the School.

Two practical language topics (translation and prose composition, or essay papers) and an oral examination must be taken in one only of the foreign languages studied if a candidate is offering only foreign languages. A candidate reading for Honours in two disciplines, one of which is a foreign language, will be required to take two practical language topics and an oral examination if he is offering four or more of Topics 22-31, 42-52.

For candidates taking six or more Honours topics in English some of the Honours topics are obligatory, and an essay and an oral examination form part of the final examination. In some topics the examination may take a form other than that of a three-hour written paper. The Special Topic may, at the discretion of the Professor, take the form of a thesis.

Candidates who offer four or more Topics 22-31 must take either two of Topics 20, 21, 40, 41 and also any six other topics, or: one of Topics 20, 21, 40, 41 and any seven other topics, provided that all written work, including examination papers in one of those seven topics is submitted in French. Topics 20 and/or 21 may also be taken by other candidates provided that no more than two of Topics 20, 21, 40, 41 are thereby included. Examination papers in Topics 22-39 are normally answered in English, but a candidate may, at the discretion of the Professor, submit in the place of an examination paper in his Special Topic a thesis in French, ten to fifteen thousand words in length (inclusive of notes). The thesis must reach the Examiners at least four weeks before the Part IV examination begins.

Candidates reading Spanish as a single Honours discipline offer Topics 40 and 41. In their Part III (Hons.) such candidates offer Topics 43 and 44, and one of Topics 45, 46, 47 or 48. In Part IV candidates are able to choose between advanced work in two fields of study: either (i) medieval-linguistic, or (ii) 19th and 20th centuries. At the discretion of the Professor a thesis may be submitted in place of one topic in the final year.

Candidates intending to read Drama or Philosophy as single Honours disciplines should consult the Professor concerned until further details are published. In Philosophy one Honours topic may be offered in 1968 if there is a demand for it.

The following topics will be available from 1967:

Honours Topics:
1. Old English Language and Literature
2. Middle English Language and Literature
3. Modern English
4. Chaucer and the Fourteenth Century
5. Shakespeare and His Age
6. English Literature: various periods from the Fifteenth to the Twentieth Century
7. Special Author in English
8. Special Topic in English
9. Special Genre in English
10. American Literature
20. French Language
21. French Essay
22. French Literature before 1300
23. French Literature in the Fourteenth and Fifteenth Centuries
24. French Literature in the Sixteenth Century
25. French Literature in the Seventeenth Century
26. French Literature in the Eighteenth Century
27. French Literature in the Nineteenth Century
28. French Literature in the Twentieth Century
29. Historical French Linguistics
30. Special Topic in French
31. French moralistes, 1500-1800
35. Romance Linguistics
36. General Linguistics
37. Latvian: an introduction to linguistic research method
38. Provençal Literature in the Middle Ages
39. Medieval Latin Literature
40. Spanish Language
41. Spanish Essay
42. History of the Spanish Language
43. Spanish Literature and Drama, 1492-1700
44. Spanish History and Civilization, 1492-1700
45. La Celestina and its Imitations in Golden Age Literature
46. The Romancero and its Effects upon Golden Age Literature
47. The Religious Literature and Drama of the Golden Age
48. Spanish Drama before Lope de Vega
49. Medieval Spanish Literature and History
50. Spanish Literature and History in the Nineteenth Century
51. Latin-American Literature and History in the Nineteenth and Twentieth Centuries
52. Special Topic in Spanish
60. Tragedy and Myth
61. Farce and Burlesque
62. Elizabethan Comedy and the English Tradition
63. The French Influence on English Drama in the Seventeenth Century
64. The Popular Tradition in Spanish Drama
65. Australian Dramatists and the Realist Tradition
66. Brecht and Aristotle: Disciple or Heretic?
67. The Influence of Cinema on the American Theatre
68. Expressionism in Cinema and Theatre
69. Surrealism in Cinema and Theatre
70. Farce and Comedy in the Early Cinema
71. Drama and Mass Communication
72. Drama in Education
100. Musical Notations
101. Aspects of Medieval Music

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102. Congregational and Domestic Religious Music in the Reformation
103. The Elizabethan Madrigal and Jacobean Lute Song
104. Opera and Music-drama in England from the Mid-seventeenth to the Mid-eighteenth Century
105. The Organ Music of Buxtehude and Bach
106. The Oratorios of Bach and Handel
107. Eighteenth Century Harpsichord Music
108. Special Topic in Music
120. Masters of Graphic Art
121. Florentine Art in the Development of the Renaissance
122. The Development of Australian Painting
123. Art and its Criticism
124. Special Topic in Fine Arts
140—Topics in Mathematics

SCHOOL OF SOCIAL SCIENCES

Courses in Economics

200. ECONOMICS IA

This is designed as a basic course for students taking Economics as a discipline in either the Arts or the Economics degree and as a cognate course for other disciplines within the School. No previous study of economics is assumed.

The course is an elementary study of the capitalist economy and economists' views on its operation. The evolution of these views is examined by reference to the models of selected economists, such as the Mercantilists, Adam Smith, Malthus, Ricardo, Wakefield, Marx, Veblen, Marshall, Schumpeter and Keynes.

A more detailed analysis is made of the elementary theory of price determination; careful attention is given to the relevance of its assumptions and predictions to the modern capitalist economy.

Some consideration is given to the theme 'capitalism and society', including discussion of the modern corporation, capitalism and religion, socialist criticisms of capitalism and the relation between capitalism and liberty.

Preliminary reading:
*Gowers, E., *The complete plain words* (Pelican)
201. ECONOMICS IB

This is a cognate course available to students taking Economics as a basic discipline. Its purpose is to provide an elementary training in the use of quantitative data as a source of information useful to economists. No previous mathematical training is assumed.

The topics covered in this course include the sources of quantitative data and their reliability; the main features of numerical data, including measures of central tendency and dispersion; elementary probability; the interpretation of sample data; the construction and use of index numbers; time series; and elementary correlation.

Preliminary reading:
*Huff, D., How to lie with statistics (Norton)
*Huff, D., How to take a chance (Pelican)

Texts:
Karmel, P. H., Applied statistics for economists, 2nd ed. (Pitman)
Yamane, T., Statistics: an introductory analysis, 1st or 2nd ed. (Harper and Row)
References:
* Elzey, F. F., A programmed introduction to statistics (Wadsworth)
* Reichmann, W. J., Use and abuse of statistics (Pelican)
* Spiegel, M. R., Theory and problems of statistics (Schaum)
* Suits, D. B., Statistics (Murray)

202. ECONOMICS II

This is designed as a basic course for students taking Economics as a discipline in either the Arts or the Economics degree and as a cognate course for other disciplines within the School. A satisfactory performance in Economics IA is necessary before the student commences this course.

The course is primarily a study of macro-economic theory and its application to economic policy in Western countries. It is essentially an intermediate course in Keynesian economics, and involves the study of Keynes' General theory of employment, interest and money, together with selected writings of pre-Keynesian economists.

Detailed consideration is given to the factors determining the levels of employment, unemployment and total production, and the level and rate of change of prices. The role of financial institutions is given particular attention. The use of macro-economic theory in policy-making is emphasized, and students are introduced to the relevant statistical information and to primary documents such as the Budget. In the latter part of the course the current techniques of monetary and fiscal policy are discussed. Students are given the opportunity to make an intensive study of Australian economic policy in a recent period.

Prospective Honours students are required to prepare short papers on important historical contributions to macro-economic theory or on other topics approved by the lectures.

Preliminary reading:
* Harrod, R. F., The life of John Maynard Keynes (Macmillan)
* Galbraith, J. K., The great crash (Pelican)
* Morgan, E. V., The history of money (Pelican)

Texts:
Arndt, H. W., and Harris, C. P., The Australian trading banks, 3rd ed. (Cheshire)
* Harcourt, G. C., Karmel, P. H., and Wallace, R. H., Economic activity (Cambridge Univ. Pr.)
* International Labour Office, How to read a balance sheet (I.L.O.)
* Keynes, J. M., The general theory of employment, interest and money (Macmillan)
* Klein, L. R., The Keynesian revolution (Macmillan)
* Mueller, M. G. (ed.), Readings in macro-economics (Holt, Rinehart and Winston)
SYLLABUSES—SOCIAL SCIENCES

References:
*Ackley, G., *Macroeconomic theory* (Macmillan)
Arndt, H. W., and Corden, W. M. (eds.), *The Australian economy* (Cheshire)
*Dean, E. (ed.), *The controversy over the quantity theory of money* (Heath)
*Great Britain. Committee on the working of the monetary system, *Report* (H.M.S.O.)
*Lekachman, R. (ed.), *Keynes and the classics* (Heath)
Lekachman, R. (ed.), *Keynes' general theory—reports of three decades* (Macmillan)
Matthews, R. C. O., *The trade cycle* (Cambridge Univ. Pr.)
Shapiro, E., *Macroeconomic analysis* (Harcourt, Brace and World)

204. ECONOMICS IIIA

This course is available to Part III students taking Economics as a basic discipline in the Arts or the Economics degree. A satisfactory performance in Economics II is necessary before the student commences this course. The course is divided into a number of sections which may vary from year to year. Those available in 1968 are listed below. Students are required to take Sections (1) and (2) and one other section.

1. ECONOMIC DEVELOPMENT

The emphasis of this course is on the application of economic theory to the problem of economic growth, with special reference to the issues facing the low-income areas of the world. Students will first be introduced to various dynamic macroeconomic models, but will then consider broader issues of under-development, including the influence of social and economic impediments to growth. The course will include some case studies in economic development.

*Preliminary reading:*
Frost, R., *The backward society* (Longmans)
*Scientific American, Technology and economic development* (Pelican)

*Texts:*
*Meier, G. M., and Baldwin, R. E., Economic development* (Wiley)

*References:*
*Baldwin, R. E., Economic development and growth* (Wiley)

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*Bauer, P. T., and Yamey, B. S., The economics of underdeveloped countries (Chicago Univ. Pr.)
*Baumol, W., Economic dynamics (Macmillan)
*Elit, W. A., Economic growth (Hutchinson)
*Gill, R. T., Economic development: past and present (Prentice-Hall)
Higgins, B., Economic development (Constable)
*Hirschman, A. O., The strategy of economic development (Yale Univ. Pr.)
*Leibenstein, H., Economic backwardness and economic growth (Wiley)
*Lewis, W. A., Development planning (Allen and Unwin)
*Meier, G. M., Leading issues in development economics (O.U.P.)
Nurkse, R., Problems of capital formation in underdeveloped countries (Blackwell)
Singer, H. W., International development: growth and change (McGraw-Hill)
Viner, J., International trade and economic development (O.U.P.)

2. INTERNATIONAL ECONOMICS
This course will introduce students to basic concepts and analytical tools used in the study of international economic relations. Subjects to be discussed include the balance of payments, foreign exchanges, the interaction of different economies through trade and investment, and the role of international institutions such as the International Monetary Fund and the World Bank. The latter part of the course will be devoted to a discussion of current proposals and controversies concerning international monetary problems.

Texts:
*Kenen, P. B., International economics (Prentice-Hall)
Kindleberger, C. P., International economics, 3rd ed. (Irwin)

References:
American Economic Association, Readings on the theory of international trade (Irwin)
*Ellsworth, P. T., The international economy, 3rd ed. (Macmillan)
*Harrod, R. F., International economics, rev. ed. (Cambridge Economic Handbooks)
Horie, S., The international monetary fund (Macmillan)
*Ingram, J. C., International economic problems (Wiley)
International Monetary Fund, Annual reports
League of Nations, International currency experience
*Machlup, F., International monetary economics (Allen and Unwin)
*Scammel, W. M., International monetary policy, 2nd ed. (Macmillan)
Snider, D. A., Introduction to international economics, 3rd ed. (Irwin)
Tew, B., International monetary co-operation, latest ed. (Hutchinson)
*Triffin, R., Gold and the dollar crisis, rev. ed. (Yale Univ. Pr.)
Viner, J., International trade and economic development (O.U.P.)

3. THE ECONOMICS OF LABOUR
This course is essentially a study of the interaction of economic and institutional factors in the labour market. The topics studied will include processes of wage determination; factors influencing the relative wage structure; industrial relations systems; unemployment; basic theories of inflation; and wages and incomes policies. Emphasis will be given to the role of the Australian arbitration system in relation to general economic policy.
References:
Carter, A. M., Theory of wages and employment (Irwin)
Chamberlain, N. W., The labor sector (McGraw-Hill)
Dunlop, J. T., Wage determination under trade unions (Kelly)
Flanders, A., and Clegg, H., The system of industrial relations in Great Britain (Blackwell)
Hagger, A. J., The theory of inflation—a review (Melbourne Univ. Pr.)
Hicks, J. R., The theory of wages, 2nd ed. (Macmillan)
*International Labour Office, Job evaluation (I.L.O. Studies and reports N.S.27)
Isaac, J. E., Wages and productivity (Cheshire)
*Isaac, J. E., and Ford, G. W. (eds.), Australian labour relations: readings (Sun)
*Isaac, J. E., and Ford, G. W. (eds.), Australian labour economics: readings (Sun)
*Lester, R. A. (ed.), Labor: readings on major issues (Random House)
O’Dea, R., Industrial relations in Australia (West)
*Perlman, R. (ed.), Wage determination: market or power forces? (Heath)
*Rees, A., The economics of trade unions (Cambridge Economic Handbooks)
*Roberts, B. C. (ed.), Industrial relations (Methuen)
Robertson, D. J., The economics of wages and the distribution of income (Macmillan)
*Wootton, B., The social foundations of wage policy (Allen and Unwin)

4. Industrial Organization

The purposes of this course are to examine the behaviour of firms and their interactions, and to identify the general economic effects of different kinds of competitive conditions. The subjects to be studied include the objectives of firms; economies of scale; innovation; concentration of ownership and control; barriers to competition; "workable competition"; and restrictive practices legislation.

Texts:
*Caves, R., American industry: structure, conduct, performance (Prentice-Hall)
*Edwards, R. S., and Townsend, H., Business enterprise (Macmillan)
Hunter, A. (ed.), The economics of Australian industry (Melbourne Univ. Pr.)
Penrose, E., Theory of the growth of the firm (Blackwell)

References:
Bain, J. S., Industrial organization (Wiley)
Karmel, P. H., and Brunt, M., The structure of the Australian economy (Cheshire)

5. Public Finance

This course is concerned with all aspects of government budgetary policy, including the use of taxation and expenditure as a method of macroeconomic control; the effects on income distribution and the composition of economic activity of various kinds of taxes; and the problems of economic
welfare involved in the leading theories of public finance. Particular reference will be made to the effectiveness of fiscal policy in Australia and to proposals for tax reform.

References:
American Economic Association, Readings in fiscal policy (Allen and Unwin)
American Economic Association, Readings in the economics of taxation (Allen and Unwin)
*Australia. Commonwealth Grants Commission, Reports
*Downing, R. L., and others, Taxation in Australia—agenda for reform (Melbourne Univ. Pr.)
*Due, J. F., Government finance (Irwin)
*Eckstein, O., Public finance, 2nd ed. (Prentice-Hall)
Hansen, B., The economic theory of fiscal policy (Allen and Unwin)
Johansen, L., Public economics (North-Holland)
*Kaldor, N., An expenditure tax (Allen and Unwin)
Mathews, R., Public investment in Australia (Cheshire)
Simons, H., Personal income taxation (Chicago Univ. Pr.)

205. ECONOMICS IIIB

This course is available to students who are also taking Economics IIIA and comprises the sections listed under that course which are not taken as part of it. An approved programme of written work must also be completed.

Courses in Geography

220. GEOGRAPHY I

MAN AND ENVIRONMENT

An introduction to geographical concepts organised on the theme of man and environment as an interacting world-wide system. No previous study of geography is assumed.

Topics include physical processes and patterns in terrestrial ecosystems; man's alteration of the earth; the spatial pattern of population; innovation and diffusion as space-altering forces; locational factors in agricultural and manufacturing economies; spatial organisation as exemplified in cities and nation states.

The course comprises three lectures and two hours' practical work a week in addition to tutorials and field studies.

Introductory reading:
*Broek, J. O. M., Geography: its scope and spirit (Merrill, 1965)
Texts:

Either of the following:

Recommended reading:
The following books are essential background to parts of the course and should be purchased if possible.

*Billings, W. D., *Plants and the ecosystem* (Macmillan, 1964)
*Chisholm, M., *Rural settlement and land use* (Hutchinson, 1964)
*Shields, A. J., *Australian weather* (Jacaranda, 1965)
*Zelinsky, W., *Prologue to population geography* (Prentice-Hall, 1965)

References:
Gregory, S., *Statistical methods and the geographer* (Longmans, 1963)

Students proposing to take further studies in geography beyond Part I are advised to obtain the last two items listed above and, in addition, one of the following atlases:

*The Faber atlas*, ed. by Sinclair, D. J. (GEO, 1964)

222. GEOGRAPHY IIA

The basic course in Geography will be composed of Paper I or II and Paper III or IV. Each paper will comprise one lecture per week. In addition, there will be one lecture per week during first and second terms on geographical techniques and field studies to be arranged.

**PAPER I: GEOGRAPHY OF AUSTRALIA AND NEW ZEALAND**

Select topics for 1968: Historical geography—the spread of settlement and landscape change; soil and water resources and their utilisation; urbanisation; selected regional problems.

**PAPER II: ECONOMIC GEOGRAPHY**

Principles of economic geography and the analysis of location in agricultural, manufacturing and service activities.

**PAPER III: THE ARID LANDS**

Comparative studies of environment, settlement and economy in the Old and New World dry lands.

**PAPER IV: THE HUMID TROPICS**

The tropical environment. Comparative studies of economy, settlement and problems of development in selected areas, including Pacific islands, Malaysia and Indonesia and tropical Africa.
Texts common to all Geography II courses:

Gregory, S., *Statistical methods and the geographer* (Longmans, 1963)
*Monkhouse, F. J., and Wilkinson, H. R., Maps and diagrams* (Methuen, 1966)
One of the atlases listed for Geography I above.

**PAPER I: GEOGRAPHY OF AUSTRALIA AND NEW ZEALAND**

**Preliminary reading:**

*Andrews, J.,* *Australia's resources and their utilisation* (Sydney University Dept. of Adult Education, 1965)
*Cameron, W. J., New Zealand* (Prentice-Hall, 1965)
*Davidson, B. R., The northern myth* (Melbourne Univ. Pr., 1966)
*McCaskill, M., New Zealand* (Longmans Australian Geographies, 1964)
*Rose, A. J., Dilemmas down under* (Van Nostrand, 1966)

**References:**

Watters, R. F. (ed.), *Land and society in New Zealand* (Reed, 1965)

**PAPER II: ECONOMIC GEOGRAPHY**

**Texts:**

*Berry, B. J. L.,* *Geography of market centres and retail distribution* (Prentice-Hall, 1967)
*Estall, R. C., and Buchanan, R. O., Industrial activity and economic geography* (Hutchinson, 1964)
Symons, L. J., *Agricultural geography* (Bell, 1967)

**References:**

Best, R. H., and Coppock, J. T., *The changing use of land in Britain* (Faber, 1962)
*Christaller, W., Central places in southern Germany*, trans. by C. Baskin (Prentice-Hall, 1966)
Dumont, R., *Types of rural economy* (Methuen, 1964)
Syllabuses—Social Sciences

Paper III: The Arid Lands

Texts:
Hills, E. S. (ed.), *Arid lands: a geographical appraisal* (Methuen, 1966)

References:

Paper IV: The Humid Tropics

Texts:
Courtenay, P. P., *Plantation agriculture* (Bell, 1966)

References:
Geertz, C., *Agricultural involution: the process of ecological change in Indonesia* (California Univ. Pr., 1963)
Nye, P. H., and Greenland, D. J., *The soil under shifting cultivation* (Commonwealth Agricultural Bureaux, 1965)
Ooi Jin-Bee, *Land, people and economy in Malaya* (Longmans, 1964)
*Prothero, R. M., Migrants and malaria* (Longmans, 1965)

223. Geography IIB

This will be available as a cognate course to students who are also taking Geography IIA (222). It will comprise the two papers listed under Geography IIA above which are not selected for that basic course.

224. Geography IIIA

The basic course in Geography will be composed of Paper I and either Paper II or Paper III.

Paper I: Studies in Theoretical Geography

Methods of locational analysis and models of locational structure in human geography; integrating concepts in physical geography including the ideas of energy flow and equilibrium, cycle and succession, dependence and interaction.

Preliminary reading:
*Chisholm, M., Rural settlement and land use* (Hutchinson, 1962)

Texts:
Either of the following:

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References:
*Berry, B. J. L., Geography of market centres and retail distribution (Prentice-Hall, 1967)
*Christaller, W., Central places in southern Germany, trans. by C. Baskin (Prentice-Hall, 1966)

PAPER II: URBAN GEOGRAPHY

The functions and geographical structure of cities in western societies; urban origins and development; the social geography of cities; contemporary urban problems; the city in underdeveloped countries.

Preliminary reading:
*Jones, E., Towns and cities (O.U.P., 1966)

Texts:

References:
Anderson, N., The urban community (Holt, Rinehart and Winston, 1964)
*Mumford, L., The city in history (Pelican)
*Owen, W., The metropolitan transportation problem (Anchor)

PAPER III: STUDIES IN PHYSICAL GEOGRAPHY

The course will treat two topics at different levels of areal scale: (i) fluvial processes in geomorphology, (ii) the soil profile as an expression of physical and biological processes at the site level of scale.

Texts:
Leopold, L. B., Wolman, M. G., and Miller, J. P., Fluvial processes in geomorphology (Freeman, 1964)

Either of the following:
Leeper, G. W., Introduction to soil science, 3rd ed. (Melbourne Univ. Pr., 1957)

References:

225. GEOGRAPHY IIIB

This will be available as a cognate course to students who are also taking Geography IIIA (224). It will comprise one paper which has not been selected for Geography IIIA and one paper which has not previously been selected by the student from the course for Geography IIA (222).
Courses in History

Two or more courses are available in each Part. These courses may be taken either as basic courses or as cognate courses.

230. HISTORY IA

REVOLUTION AND INDEPENDENCE: SELECT TOPICS

<table>
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<th>Paper I</th>
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<td>(A) The German Reformation</td>
<td>(D) The Revolt of the Netherlands</td>
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<tr>
<td>(B) The French Revolution</td>
<td>(E) The American War of Independence</td>
</tr>
<tr>
<td>(C) The Russian Revolution</td>
<td>(F) Ireland, 1910-25</td>
</tr>
</tbody>
</table>

Eight to ten lectures will be delivered on each topic. Students will attend supervision classes and write essays on each paper.

A. THE GERMAN REFORMATION

Introductory:

Documents:
To be provided in cyclostyled sheets

Recommended reading:
* Elton, G. R., *Reformation Europe, 1517-1559* (Fontana, 1963)

B. THE FRENCH REVOLUTION

Introductory:
* Behrens, C. B. A., *The Ancien Régime* (Thames and Hudson)

Documents:

Recommended reading:
* Gershow, L., *The era of the French revolution, 1789-1799* (Anvil)
* Lefebvre, G., *The French revolution from its origins to 1793*, trans. by E. M. Evason (Routledge and Kegan Paul)
* Lefebvre, G., *The French revolution from 1793 to 1799* (Routledge and Kegan Paul)
* Thompson, J. M., *The French revolution* (Blackwell)
* Rudé, G., *Revolutionary Europe, 1783-1815* (Fontana)
C. THE RUSSIAN REVOLUTION

Introductory:
*Maynard, J., Russia in flux (Collier)

Documents:

Recommended reading:
*Carmichael, J., A short history of the Russian revolution (Nelson)
*Chamberlin, W. H., The Russian revolution, 1917-21, vol. I (Grosset and Dunlap)
*Charques, R., The twilight of imperial Russia (O.U.P.)
*Hunt, R. N. C., The theory and practice of Communism (Pelican)
*Trotsky, Leon, The Russian revolution, ed. and abridged by F. W. Dupee (Anchor)

D. THE REVOLT OF THE NETHERLANDS

Introductory:
Renier, G. J., Dutch nation (Allen and Unwin, 1944)

Documents:
To be furnished in cyclostyled sheets.

Recommended reading:
*Geyl, P., The revolt of the Netherlands (1555-1609), 2nd ed. (Benn, 1966)
Merriman, R. B., The rise of the Spanish empire in the old world and in the new, vol. 4 (Cooper Square, 1918)

E. THE AMERICAN WAR OF INDEPENDENCE

Introductory:
*Miller, J. C., Origins of the American revolution (Stanford Univ. Pr., 1965)

Documents:
*Morison, S. E. (ed.), Sources and documents illustrating the American revolution, 1764-1788, 2nd ed. (O.U.P.)

Recommended reading:
*Becker, C. L., The declaration of independence (Vintage, 1960)
*Bemis, S. F., The diplomacy of the American revolution (Indiana Univ. Pr., 1957)

F. IRELAND, 1910-25

Introductory:
Beckett, J. C., The making of modern Ireland, 1603-1923, chaps. 19-23 (Faber, 1966)
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Documents:
Curtis, E., and McDowell, R. B. (eds.), Irish historical documents: 1172-1922 (Methuen, 1943)

Recommended reading:
Gwynn, D., A history of partition, 1912-25 (Browne and Nolan, 1951)
Longford, F. Pakenham, Peace by ordeal (Chapman)
MacArdle, Dorothy, The Irish republic, 4th ed. (Irish Press, 1951)
*MacDonagh, O., Ireland, the Union and its aftermath (Prentice-Hall, 1967)

231. HISTORY IB

POLITICAL CRISIS: SELECT TOPICS

PAPER I

(A) The Autocratic Governor in New South Wales, 1806-21
(B) Making Constitutions in N.S.W., Victoria and South Australia, 1853-1856
(C) Unity and Division in Australia, 1914-18

PAPER II

(D) England in the 1530s
(E) England in the 1680s
(F) The Passing of the Ancien Régime, 1827-1837

Eight to ten lectures will be delivered on each topic. Students will attend supervision classes and write essays on each paper.

Introductory:
*Clark, C. M. H., A short history of Australia (Mentor, 1963)

Documents:
Clark, C. M. H., Sources of Australian history (O.U.P., 1960)

General references:
Clark, C. M. H., Select documents in Australian history, vol. II, 1851-1900 (Angus and Robertson, 1962)
Greenwood, G. (ed.), Australia: a social and political history (Angus and Robertson, 1962)

The above books are common to all the sections of Paper I.

A. THE AUTOCRATIC GOVERNOR IN NEW SOUTH WALES, 1806-21

Recommended reading:
Clark, C. M. H., A history of Australia, vol. I (Melbourne Univ. Pr., 1962)
*Evatt, H. V., Rum rebellion (Angus and Robertson, 1965)

B. MAKING CONSTITUTIONS IN N.S.W., VICTORIA AND SOUTH AUSTRALIA, 1853-56

Recommended reading:
Melbourne, A.C.V., Early constitutional development in Australia: New South Wales, 1788-1856, 2nd ed., 1963 (O.U.P. and University of Queensland Pr.)

**C. Unity and Division in Australia, 1914-18**

Recommended reading:
Scott, E., *Australia during the war* (Official history of Australia in the war of 1914-18, vol. XI) (Angus and Robertson, 1936)
*Smith, F. B., The conscription plebiscites in Australia, 1916-17* (Victorian Historical Association, 1965)

**D. England in the 1530s**

Introductory:

Documents:
*Elton, G. R. (ed.), The Tudor constitution* (Cambridge Univ. Pr., 1960)

Recommended reading:
Dickens, A. G., *The English Reformation* (Batsford, 1964)
Ramsey, P., *Tudor economic problems* (Gollancz, 1963)

**E. England in the 1680s**

Introductory:
*Ashley, M. P., England in the seventeenth century* (1603-1714), chaps. 9-13 inclusive (Pelican, 1952)

Documents:
Douglas, D. C. (ed.), *English historical documents*, vol. VIII: 1660-1714; ed. by A. Browning (Eyre and Spottiswoode, 1953)

Recommended reading:
Ashley, M. P., *The glorious revolution of 1688* (Hodder and Stoughton, 1960)
*Ogg, D., England in the reign of Charles II*, vol. II (O.U.P.)

**F. The Passing of the Ancien Régime, 1827-1837**

Introductory:
Briggs, A., *The age of improvement, 1783-1867* (Longmans, 1959)
SYLLABUSES—SOCIAL SCIENCES

Documents:
To be provided in cyclostyled sheets

Recommended reading:
Beckett, J. C., *The making of modern Ireland, 1603-1923* (Faber, 1966)
Gash, N., *Reaction and reconstruction in English politics, 1832-1852* (O.U.P., 1965)
Keir, D. L., *The constitutional history of modern Britain since 1485, 7th ed.* (Black, 1964)

233. HISTORY IIA

MODERN EUROPEAN HISTORY

PAPER I: THE SPANISH PREDOMINANCE IN EUROPE 1500-1650

*Friedrich, C. J., The age of the baroque, 1610-1660* (Harper)
Merriman, R. B., *The rise of the Spanish empire in the old world and the new, vols. 2-4* (Cooper Square, 1962)
Parry, J. H., *The Spanish seaborne empire* (Hutchinson, 1966)
Ranké, L. von, *The Ottoman and the Spanish empires in the sixteenth and seventeenth centuries* (Whittaker, 1843)

*Brandi, K., The Emperor Charles V, trans. C. V. Wedgwood* (Cape, 1965)
Chudoba, B., *Spain and the empire, 1519-1643* (Chicago Univ. Pr., 1952)
Elliott, J. H., *The revolt of the Catalans* (Cambridge Univ. Pr., 1963)
*Geyl, P., The revolt of the Netherlands, 1555-1609* (Benn, 1966)
Koenigsberger, H. G., *The government of Sicily under Philip II of Spain* (Staples, 1951)
*Mattingly, G., Renaissance diplomacy* (Pereguine, 1965)
Merriman, R. B., *Suleiman the magnificent, 1520-66* (Harvard Univ. Pr., 1944)
*Wedgwood, C. V., The thirty years’ war* (Cape, 1957)

*Brenan, G., The literature of the Spanish people* (Pereguine, 1963)
*Calderon de la Barca, P., Life is a dream, in The classic theatre, ed. E. Bentley* (Doubleday Anchor)
*Cervantes Saavedra, M. de, Don Quixote* (Penguin)
*Saint Teresa, Life* (Penguin)
Paper II: Nineteenth and Twentieth Century Europe

This course is focused on the histories of France, Italy, Germany and Russia in the nineteenth and twentieth centuries. Special attention will be given to the following themes: the political effects of population-growth, increasing literacy, industrialisation and technological development; the extension of the power of the state; the spread and fate of liberal and parliamentary institutions; the nature and use of political power in despotic and totalitarian regimes.

Students will find David Thomson, Europe since Napoleon (Pelican), useful for all aspects of the course, and should, if possible, buy a copy.

The following books are also especially useful for the purposes of the course:

* Arendt, H., The origins of totalitarianism (Meridian)
* Bullock, A., Hitler: a study in tyranny (Pelican)
* Cobban, A., History of modern France, vol. 2 (Pelican)
* Deutscher, I., Stalin: a political biography (Pelican)
* Friedrich, C. J., and Brzezinski, Z. K., Totalitarian dictatorship and autocracy (Pall Mall)
* Mack Smith, D., Italy (Michigan Univ. Pr.)
* Pinson, K., Modern Germany (Macmillan, N.Y.)
* Robertson, P., The revolutions of 1848 (Harper Torchbooks)
* Schapiro, L., The communist party of the Soviet Union (Methuen)
* Seton-Watson, H., The decline of imperial Russia (Methuen)
* Taylor, A. J. P., Bismarck (Hamilton)
* Vogt, H., Burden of guilt (Oxford)
* Walsh, W. B., Russia and the Soviet Union (Michigan Univ. Pr.)

Notes: Students enrolling in this course will be given a list of novels bearing on various aspects of the period. They will be expected to have read at least four by the time lectures begin.

234. History IIB

Modern Political History

Paper I: The United Kingdom, 1760-1931

* Briggs, A., The age of improvement, 1783-1867 (Longmans, 1959)
* Burn, W. L., The age of equipoise (Norton, 1966)
* Chambers, J. D., The workshop of the world (O.U.P., 1961)
* Clark, G. K., The making of Victorian England (Methuen, 1965)
* Gash, N., Reaction and reconstruction in English politics (O.U.P., 1965)
* Gash, N., Politics in the age of Peel (Longmans, 1953)
* Halevy, E., A history of the English people in the nineteenth century (Benn, 1961)
* Hanham, H. J., Elections and party management: politics in the time of Disraeli and Gladstone (Longmans, 1959)
* Mackintosh, J. P., The British cabinet (Stevens, 1962)
* McKenzie, R. T., British political parties (Heinemann, 1955)
Mowat, C. L., *Britain between the wars, 1918-1940* (Chicago Univ. Pr., 1963)
*Namier, L. B., The structure of politics at the accession of George III* (Macmillan, 1960)
Smellie, K. B., *A hundred years of English government* (Duckworth, 1950)
Veitch, G. S., *The genesis of parliamentary reform* (Constable, 1964)

The following novels are also recommended reading:
*Austen, *Persuasion
*Disraeli, Coningsby
Trollope, *The Prime Minister*
*Wells, *The new Machiavelli

**Paper II: Australia, 1788-1931**

Topics in this course will be (a) Colonial Autocracy and its Breakdown in N.S.W., 1788-1842; (b) N.S.W. Politics, 1856-1900; (c) Making the Commonwealth, 1890-1914.

Kewley, T. H., *Social security in Australia: the development of social security and health benefits from 1900 to the present* (Sydney Univ. Pr., 1965)
Melbourne, A. C. V., *Early constitutional development in Australia* (Univ. of Qld. Pr., 1963)
Roe, M., *Quest for authority in eastern Australia, 1835-1851* (Melbourne Univ. Pr., and A.N.U., 1965)
Shaw, A. G. L., *Convicts and the colonies* (Faber, 1966)

This paper also constitutes Paper II of The Geography and History of Australia (273).

**236. History IIIA**

Any two of the following papers:
I: Pacific History
II: Social History of the United States in the nineteenth century
III: Metropolitan-Colonial Relations: Select Topics
IV: History of Political Thought: Aquinas to Locke

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V: Any Part II paper not already offered
   or
   A Part II Course not already offered

PAPER I: PACIFIC HISTORY: THE SOUTH PACIFIC ISLANDS AND NEW ZEALAND

Recommended reading:
Grattan, C. Hartley, *The southwest Pacific to 1900* (Michigan Univ. Pr., 1963)
Grattan, C. Hartley, *The southwest Pacific since 1900* (Michigan Univ. Pr., 1963)
*Oliver, D., The Pacific islands* (Doubleday, 1961)
*Oliver, W. H., The story of New Zealand* (Faber, 1961)

References:
Beaglehole, J. C., *The exploration of the Pacific* (Black, 1966)
Davidson, J. W., *Samoa mo Samoa: the emergence of the independent state of Western Samoa* (O.U.P., 1967)
Parnaby, O. W., *Britain and the labor trade in the southwest Pacific* (Duke Univ. Pr., 1964)
Sinclair, K., *The origins of the Maori wars* (New Zealand Univ. Pr., 1961)
*Turnbull, M., The New Zealand bubble* (Price, Milburn, 1959)
West, F. J., *Hubert Murray, the Australian pro-consul* (O.U.P., 1968)

PAPER II: SOCIAL HISTORY OF THE UNITED STATES IN THE NINETEENTH CENTURY

This paper will emphasise the cultural and social history of the United States in the nineteenth century with secondary reference to constitutional and diplomatic history.

The lectures—three weekly—will begin in the second term.

*Blum, J. M., The republican Roosevelt* (Atheneum)
*Brogan, D., The American character* (Vintage)
*Commager, H. S., The American mind* (Yale Univ. Pr.)
*Craven, A., The coming of the civil war* (Phoenix)
*Degler, C., Out of our past* (Harper Torchbooks)
SYLLABUSES—SOCIAL SCIENCES

*Elkins, S., Slavery (Universal Library)
Gabriel, R., The course of American democratic thought, 2nd ed. (Ronald, 1956)
*Goetzmann, H. W., When the eagle screamed (Wiley)
*Gossett, T., Race (Bailey)
Hartz, L., The founding of new societies (Harcourt, Brace, 1961)
*Hartz, L., The liberal tradition in America (Harcourt, Brace)
Lipset, S. M., The first new nation (Heinemann, 1964)
May, E. R., Imperial democracy (Harcourt, Brace, 1961)
*Miller, P., Errand into the wilderness (Harper Torchbooks)
*Potter, D., People of plenty (Phoenix)
Randall, J. G., and Donald, D., Civil war and reconstruction, 2nd ed. (Heath, 1961)
*Smith, H. N., Virgin land (Vintage)
*Stampp, K., The peculiar institution (Vintage)
*Taylor, G. R., The Turner thesis concerning the role of the frontier in American history (Heath)
*Ward, J. W., Andrew Jackson (Galaxy)
*Webb, W. P., The great plains (Universal Library)
Winks, R. W., Canada and the United States (Johns Hopkins Univ. Pr., 1960)
*Woodward, C. V., The burden of southern history (Vintage)
*Woodward, C. V., The strange career of Jim Crow (Galaxy)

PAPER III: METROPOLITAN-COLONIAL RELATIONS: SELECT TOPICS

This paper will embrace three topics in the field, British North America, 1815-54; South Africa, 1900-14, and India and England, 1880-1930. In the first, the main emphasis will be on the Durham Report on Upper and Lower Canada, though the area to be studied will include Nova Scotia and New Brunswick; in the second, attention will be centred on the problems of reconstruction and Union of the colonies after the Boer War; and the aim of the third topic is the examination of the inter-related problems of empire and nationalism from the eighteen-eighties till the promise of Dominion status. It is hoped to add three further topics either in other areas of British empire, or dealing with other colonial powers, in 1969.

Introductory:

Brebner, J. B., Canada: a modern history (Michigan Univ. Pr., 1960)
*Spear, T. G., History of India, vol. 2 (Pelican, 1965)

Further specific book lists for the respective topics will be provided at the time of enrolment.

PAPER IV: HISTORY OF POLITICAL THOUGHT: AQUINAS TO LOCKE

A course of twenty-four lectures on selected political thinkers and texts with three or four lectures on each topic. The texts selected for study are:

Thomas Aquinas, Selected political writings, ed. by A. P. D'Entrèves (Blackwell's Political Texts, 1948)
Marsilius of Padua, *Defensor Pacis*, trans. and ed. by A. Gewirth (Columbia Univ. Pr., 1956)

*Dante Alighieri, On world government (De Monarchia),* trans. by H. W. Schneider, ed. by D. Bigongiari, 2nd ed. rev. (Liberal Arts Pr., 1957)


*Hooker, R., Of the laws of ecclesiastical polity, Books I-IV,* introd. by C. Morris (Dent, 1907)


It is hoped that a second paper will be available in Part IV, 1969, on the History of Political and Social Thought—Rousseau to Lenin.

237. HISTORY IIIB

Any two of the Part III papers not already selected for History IIIA.

*Part III Honours Work in History*

There are no separate Honours Papers or Courses for History candidates in Part III, but Honours candidates will be introduced to the historiographical, bibliographical and comparative aspects of the particular Papers or Courses which they are studying.

Special Seminars on research methods and materials will be held for Honours candidates in the third term to prepare them for Special Subject and dissertation work in their fourth year.

Honours candidates are also recommended to attend the course of lectures on bibliography and bibliographic methods to be given by the Library.

*Courses in Politics*

250. POLITICS I

This course compares the political systems of Australia, Britain and America. Meaning of the term "political system". General characteristics of modern democratic political systems. Lectures (twice a week) on selected topics from the following list:

- Similarities and differences among the Australian, British and American political systems.
- Legislatures and the legislative function.
- The Cabinet-Parliamentary system compared with the Presidential system.
- The functions of the bureaucracy in modern democratic states.
- Federalism.
- Local self-government.
- The functions of the judiciary.
- Liberal theories of democracy in the nineteenth and twentieth centuries.
SYLLABUSES—SOCIAL SCIENCES

Individual rights.
Competition among interest groups.
The functions of political parties in democracies.
Voting behaviour.
Foreign policy-making in democracies.
Welfare policies.

Students are required to write eight essays of about 1,200 words each during the year, and will discuss the prescribed essay topics in tutorial classes. Essay topics and reading lists will be available in March from the office of the School of Social Sciences.

The following books should be purchased if possible, and are to be read as essential background for the lectures. Students are advised to commence this reading before the course begins.

• Miller, J. D. B., Australian government and politics, 3rd ed. (Duckworth, 1964)
• Crisp, L. F., Australian national government (Melbourne, Longmans, 1965)
• Moodie, G. C., The government of Britain, 2nd ed. (Methuen, 1964)
• Beer, S. H., Modern British politics (Faber, 1965)

252. POLITICS IIA

POLITICS OF THE COMMUNIST COUNTRIES

The government and politics of the communist countries. The pioneers of communism, the major doctrines, and the Russian form of Marxism. Soviet institutions since 1917, constitution-making, the policies of consolidation and the development of the Party. The effects of Stalin's rule and the distortion of the party system. Stalin's successors and their major innovations in home and foreign policies.

The Eastern European countries in which communist regimes have held power since the Second World War. The Yugoslav deviation, the events of 1956 in Hungary and Poland, and the Albanian case.

The development of the Chinese communist party. The emergence of Mao, the Long March, Yenan, the formulation of the major doctrines. The role of the Party and the so-called "democratic" parties in China. The 1954 Constitution. The Party Congress of 1956. Party-State relationships and the communes. The use of mass organizations and the "small group". Rectification. The involvement of the Army in the processes of Party and State.

The origins and development of the Sino-Soviet differences, and their repercussions throughout the communist world. The extent of co-operation among the communist countries.
Prescribed books:

* Shapiro, L., *The communist party of the Soviet Union* (Methuen)
* Tang, P., *Communist China today*, 2nd ed. (1961), vol. 1, Domestic and foreign policies; vol. 2, Documentary analysis, data, chronology
* Schwartz, B., *Chinese communism and the rise of Mao* (O.U.P., 1951)
* Mao Tse-tung, *The selected works* (vols. 1-4)

Periodicals:

Useful and important articles, which form part of the essential reading, are to be found in the following:

* Survey*, monthly.
* Problems of Communism*, bi-monthly.
* Soviet Studies*, quarterly.
* China Quarterly*.
* Asian Survey*, monthly.
* Pacific Affairs*, quarterly.

253. Politics IIb

INTERNATIONAL POLITICS

This course examines theories which seek to explain the behaviour of nation-states in the international environment; examines attempts which have been made in the present century to organize world peace; and analyses historical and projected models of the international system.

Close attention is given to the significance of developments in the technology of communications and nuclear weapons, and the effects which these developments have had both on the nation-state considered as the basic unit of world society, and on the prevention, through deterrence, of world war.

While the course is primarily intended to suggest patterns of international behaviour, it inevitably contains detailed studies of some areas of current international politics—particularly the peace-keeping activities of the United Nations; the development and significance of N.A.T.O.; and supranational implications of the European Economic Community.

In a concluding section, Australian foreign policy since 1942 is analysed in terms of concepts of international politics.

Prescribed books:

* Buchan, A. (ed.), *A world of nuclear powers?* (Prentice-Hall, 1966)
POLITICAL DEVELOPMENT IN NEW NATIONS

A study of theories of political development derived from the experience of western nations, together with theories having their origins in the attempts by contemporary scholars to analyse and interpret the political experiences of new nations whose cultural heritage, political institutions, customs and traditions differ widely from those known in the western world, and whose political problems are aggravated by the novelty of independence, by poverty, rapid social change, international insecurity, and extreme pressures from diverse communities within the nation.

In the second term theories of political development will be applied to the particular experiences of selected countries, especially in Southeast Asia. In 1968 the country to be studied in detail will be Malaysia.

The course concludes, in the third term, with comparative studies of certain themes in the politics of several new nations such as the role of elites, the power of the military, political parties, and the bureaucracy.

Prescribed books:

Mair, L., *New nations* (Weidenfeld and Nicolson, 1965)
Shils, E., *Political development in the new states* (Mouton, 1963)
*Emerson, R., From empire to nation* (Beacon, 1960)
*Millikan, M., and Blackmer, D. (eds.), The emerging nations* (Little, Brown, 1961)
*Kautsky, J. H., Political change in underdeveloped countries* (Wiley, 1962)
*Pye, L., Aspects of political development* (Little, Brown, 1966)
*Milne, R. S., Government and politics in Malaysia* (Houghton Mifflin, 1967)
Ratnam, K. J., *Communalism and the political process in Malaysia* (Malaya Univ. Pr., 1965)
Courses in Psychology

260. PSYCHOLOGY I

This course will be a general introduction to psychology and will cover the following topics: learning, perception, thinking, motivation, personality, assessment, and social psychology. It will also include a short course in descriptive statistics and some practical work. Three lectures each week and a tutorial.

Texts:

References:
The following two series include titles worth acquiring:
(1) *Basic concepts in psychology series (published by Brooks/Cole, a division of Wadsworth Publishing Co.);
(2) Introduction to general psychology: a self-selection textbook (published by Wm. C. Brown).

262. PSYCHOLOGY II

This course will consist of the following main sub-divisions:
1. Learning, perception, and thinking
2. Motivation and personality
3. Social psychology
4. Assessment
5. Statistics

It will involve practical work. There will be four lectures each week.

Texts:
Cronbach, L. J., Essentials of psychological testing, 2nd ed. (Harper and Row, 1965)
Hays, W. L., Statistics for psychologists (Holt, Rinehart and Winston, 1963)
*Krech, D., Crutchfield, R. S., and Ballachey, E. S., Individual in society (McGraw-Hill, 1962)
Sarason, I. G., Personality: an objective approach (Wiley, 1966)

References:
*Anastasi, A., Psychological testing (Macmillan, 1961)
Atkinson, J. W., An introduction to motivation (Van Nostrand, 1964)
Brown, R., Social psychology (Free Press, 1965)
Dember, W. N., Psychology of perception (Holt, Rinehart and Winston, 1960)
Combined Courses

272. THE STATE AND ECONOMIC LIFE

This is a cognate course available to Part II and Part III students who have previously taken Economics IA.

The course includes a study of economic and political theories relating to the role of government in economic affairs. Students will be asked to consider in what senses the operation of a free market causes an optimum use of resources. Attention will also be given to such doctrines as utilitarianism, liberalism and socialism; and to the views of economic and political theorists such as Jeremy Bentham, John Stuart Mill, the Fabians, A. C. Pigou, F. A. Hayek, Milton Friedman, H. C. Simons, Maurice Dobb and W. A. Lewis.

The remainder of the course, comprising about two-thirds of the total, will consist of a number of "case studies", of which the following are examples:

- Economic factors in the making and operation of the Australian constitution
- The economics of federal finance in Australia
- Monetary management and the relation between governments and central banks
- The determination of wages and resolution of industrial disputes under compulsory arbitration
- The Australian Tariff Board
- Departments of government responsible for economic policy: the Treasury, the Department of Trade, the Prime Minister's Department and the Public Service Board
- The adequacy or inadequacy of the machinery for economic planning in Australia
- The functions of government-owned business undertakings
- The regulation of restrictive trade practices

References:

*Australia. Commonwealth Grants Commission, *Thirty-fourth report*

*Deane, R. P., The establishment of the Department of Trade* (A.N.U., 1963)


Eggleston, F. W., *State socialism in Victoria* (King, 1982)

Galbraith, J. K., *The new industrial state* (Hamish Hamilton)

*Grossman, G., Economic systems* (Prentice-Hall)

*Hancock, W. K., Australia* (Jacaranda, 1961)


*Keynes, J. M., Essays in persuasion* (Norton, 1963)

*Kohler, H., Welfare and planning* (Wiley)


*McBriar, A. M., Fabian socialism and English politics, 1884-1918* (Cambridge Univ. Pr., 1962)

*Phelps, E. S. (ed.), Private wants and public needs* (Norton)

Shanks, M. (ed.), *The lessons of public enterprise* (Cape, 1963)


Spann, R. N. (ed.), *Public administration in Australia* (N.S.W. Government Printer, 1965)

273. **THE GEOGRAPHY AND HISTORY OF AUSTRALIA**

This will be available as a cognate course to students in Group S5. The course will comprise:

Paper I of Geography IIA (222) above,

Paper II of History IIB (234) above

provided that these papers are not being offered by the student in either of the basic courses.

**Courses in Social Administration**

**PART I**

*Part I of the Diploma in Social Administration comprises the following four courses and requires one year of full-time study. Part-time students should take the courses in the order listed. All Part I courses include related experience in the field, the latter amounting to 300 hours for the Part.*

280. **INDIVIDUAL AND SOCIAL DEVELOPMENT**

The individual in society: knowledge relevant to social work from the biological, behavioural and social sciences. The biological basis of human behaviour; maturation and development; social and cultural influences on behaviour. Physical and mental illness; deviant behaviour. Social legislation.
SYLLABUSES—SOCIAL SCIENCES

Introductory visits are arranged to social welfare institutions in the health and correctional fields.

Preliminary reading:
* Bowlby, J., Child care and the growth of love (Pelican, 1953)
* Sprott, W. J. H., Human groups (Pelican, 1958)

References:
* Bonner, J. T., The ideas of biology (Methuen, 1965)
* Bowlby, J., Maternal care and mental health (W.H.O. Monograph Series, No. 2, 1952)
* Brennan, T., and Parker, N. A. (eds.), The foundations of social casework (Novak, 1966)
* Davies, A. F., and Encel, S. (eds.), Australian society (Cheshire, 1965)
* Kahn, J. H., and Nursten, J. P., Unwillingly to school (Pergamon, 1964)
* Lundin, R. W., Principles of psychopathology (Merrill, 1965)
* Mussen, P. H., The psychological development of the child (Prentice-Hall, 1963)
* Noyes, A. P., and Kolb, L., Modern clinical psychiatry, 6th ed. (Saunders, 1963)
* Rotter, J. B., Clinical psychology (Prentice-Hall, 1964)
* Simmons, L. W., and Wolff, H. G., Social science in medicine (Russell Sage, 1954)
* Stafford-Clark, D., Psychiatry for students (Allen and Unwin, 1964)
* Stein, H. D., and Cloward, R. A., Social perspectives on behaviour (Free Press, 1958)
* Tyler, L. E., Tests and measurements (Prentice-Hall, 1963)

Additional references will be given throughout the lectures.

281. SOCIAL WELFARE POLICY AND SERVICES

An examination of contemporary social welfare policy in Australia against the historical background of its development, with particular reference to current issues.

(i) The development of organized responsibility for social welfare: the evolution of "the welfare state"; the scope of modern social services; the development of responsibility for social welfare, governmental and non-governmental, in Australia at Federal, State and local levels.

(ii) An analysis of responsibility for social welfare in Australia, with some reference to other countries: the role of Federal, State and local governments and of non-governmental organizations in social welfare, and the relations between them.

Introductory visits are arranged to social welfare institutions in the family and child welfare fields.

Preliminary reading:
* De Schweinitz, K., England’s road to social security (Barnes, 1961)
* Sawer, G., Australian government today (Melbourne Univ. Pr., 1964)
* Marsh, D. C., The future of the welfare state (Penguin, 1964)

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SYLLABUSES—SOCIAL SCIENCES

*Laslett, P., The world we have lost (Methuen, 1965)

Reference books:

References to Australian welfare services will include:
Birch, A. H., Federalism, finance and social legislation (O.U.P., 1955)
Campbell, W. J., Australian state public finance (Law Book Company, 1954)
Davey, C. M., Children and their law-makers (Griffin, 1956)
Davies, A. F., and Encel, S. (eds.), Australian society (Cheshire, 1965)
*Downing, R. I., and others, Taxation in Australia (Melbourne Univ. Pr., 1964)
Hancock, K. J. (ed.), The national income and social welfare (Cheshire, 1965)
Karmel, P. H., and Brunt, M., The structure of the Australian economy (Cheshire, 1963)
Kewley, T. H., Social security in Australia (Sydney Univ. Pr., 1965)
Lawrence, R. J. (ed.), Community service (Cheshire, 1966)
Palmer, G., A guide to Australian economic statistics (Macmillan, 1963)
Ratchford, B. U., Public expenditures in Australia (Duke Univ. Pr., 1959)
Spann, R. N. (ed.), Public administration in Australia (N.S.W. Government Printer, 1965)

General references on social welfare administration will include:
Donnison, D. V., and others, Social policy and administration (Allen and Unwin, 1965)
Hall, M. P., The social services of modern England (Routledge, 1963)
Marsh, D. C., Introduction to the study of social administration (Routledge, 1965)
Marsh, D. C., The social sciences (Routledge, 1965)
*Wilensky, H. L., and Lebeaux, C. N., Industrial society and social welfare (Free Press, 1965)

References will be made also to selected Australian Government documents, such as the Reports of the Commonwealth Grants Commission, to United Nations documents, and to general reference books on social welfare administration and social work.

282. ADMINISTRATION IN SOCIAL WELFARE A

The nature and dimensions of selected social problems, with particular reference to South Australia; implications for related welfare programmes and services. The choice of organizational structure and administrative processes to implement welfare programmes. The process of change in community organization for welfare; a study of administrative decisions occurring within complex welfare organizations.
SYLLABUSES—SOCIAL SCIENCES

The study of welfare organizations and the study of social problems will involve the student in some field work throughout the academic year.

Preliminary reading:

Reference books:
Duhl, L. (ed.), *The urban condition* (Basic Books, 1963)
*Simon, H. A., Administrative behaviour: a study of decision-making processes in administrative organization*, 2nd ed. (Macmillan)

Additional references will be given throughout the lectures.

283. SOCIAL WORK A

This course is primarily concerned with social casework, although not confined to direct worker-client interaction. It is designed to provide a broad foundation for practice in various types of social agencies. More specifically the syllabus includes: The nature of helping relationships, and its determinants in specific situations. The purposes and processes of helping clients singly and in groups. Social assessment, and the choice and application of treatment methods. Communication and reciprocity in helping relationships. Collaboration in the service of clients, including intra- and inter-agency teamwork and consultation. Recording and reporting. Related experience in the field will be arranged.

Preliminary reading:

Reference books:
Ackerman, N., *The psychodynamics of family life* (Basic Books, 1958)
Dybwad, G., *Challenges in mental retardation* (Columbia Univ. Pr., 1964)
*Goffman, E., Stigma: notes on the management of spoiled identity* (Prentice-Hall, 1963)
SYLLABUSES—SOCIAL SCIENCES

*Hinton, J., Dying (Pelican, 1967)
Hollis, F., Casework: a psycho-social therapy (Random House, 1964)
Jaco, E. G. (ed.), Patients, physicians and illness (Free Press, 1958)
Riessman, F., and others (eds.), Mental health of the poor: new treatment approaches for low income people (Free Press, 1964)
Rowe, J., Parents, children and adoption (Routledge, 1966)
Ruesch, J., Therapeutic communication (Norton, 1961)
Towle, C., Common human needs (N.Y., National Association of Social Workers, 1965)
Wolfenstein, M., Disaster (Routledge, 1957)

Additional references, particularly from periodicals, will be given throughout the course.

PART II

284. ADMINISTRATION IN SOCIAL WELFARE B

A continuation of the work of the first year, with particular reference to the collection and analysis of data as a basis for administrative decisions. An introduction to social surveys and research in social welfare. Research recording and reporting. The work of this course will draw upon and relate to the practice situation in which the student is undertaking Field Work (286).

References:
*Fayette County Project Volunteers, Step by step (Norton, 1965)
Greenwood, E., Lectures in research methodology for social welfare students (California Univ. Pr., 1962)
Kaplan, A., The conduct of inquiry (Chandler, 1964)
Moser, C. A., Survey methods in social investigation (Heinemann, 1963)
Parten, M. B., Surveys, polls and samples: practical procedures (Harper and Row, 1965)
Polansky, N. A. (ed.), Social work research (Chicago Univ. Pr., 1960)
Wilkins, L. T., Social deviance: social policy, action and research (Tavistock, 1964; paperback edition entitled Social policy, action and research: studies in social deviance (Tavistock, 1967)

Additional references will be given throughout the lectures.

285. SOCIAL WORK B

Further development of the subject matter of Social Work A, with increasing emphasis on practical application of knowledge and techniques, with the general aim of integration with Field Work (286).

Certain topics will be selected for more detailed study, building upon the work in Social Work A, and providing a focus for examination of techniques
of intervention with classes of individuals and small groups, and the social context which influences their particular problems. Selection of topics will in part depend upon the students' experience in Field Work (286). Students will present case material for discussion. Students are referred to reference material already provided. Specific references will be provided as appropriate.

286. FIELD WORK

The development of skill in the application of knowledge to actual situations of need. The work extends over seven months, during which 800 hours are spent in supervised field work in selected social agencies, under arrangement with the University. Fields in which practical experience may be gained include family and child welfare; housing; health; prisons, probation and parole; the welfare of ethnic minorities.

References listed under other Courses for the Diploma should be considered also as relevant to this Course. In addition, students are referred to:

Bardill, D. R., and Ryan, F. J., Family group casework (Catholic University of America Pr., 1964)
Gill, M., and others, The initial interview in psychiatric practice (International Universities Pr., 1954)
Huber, J. T., Report writing in psychology and psychiatry (Harper, 1961)
Overton, A., Casework notebook (Family Centred Project, Greater St. Paul United Fund and Councils, 1959)
Simon, B. K., Relationship between theory and practice in social casework: social work practice in medical care and rehabilitation settings, Monograph IV (N.Y., National Association of Social Workers, 1960)
South Australian Council of Social Service, Directory of social agencies (1965)

Additional references relating to specific fields of practice will be given throughout the Course.

Courses in Education

300. THE FOUNDATIONS OF EDUCATIONAL THEORY A

This course is concerned with the nature of educational theory and its relation to educational practice. In particular it involves an examination of the contributions of Psychology, Sociology and Philosophy to educational theory and an analysis of the language used in educational writings and discourse.

(i) The nature of educational theory. The contributions of Psychology, Philosophy, Sociology, History and other disciplines to Education as an academic discipline.

(ii) Development in infancy, childhood and adolescence with particular attention to individual differences and to psychological and social factors in learning.
(iii) The school as a social agency and a social system. Education in primitive societies and in contemporary Australia.

(iv) Educational theory and language analysis in relation to some current issues.

References:
*Hardie, C. D., Truth and fallacy in educational theory* (Teachers College, Columbia, 1962)
Scheffler, I., *Philosophy and education* (Allyn and Bacon, 1966)
*Hill, W. F., Learning: a survey of psychological interpretations* (Methuen, 1964)
*Muuss, R. E., Theories of adolescence* (Random House, 1962)
Rosenblith, J. F., and Allinsmith, W. (eds.), *The causes of behaviour II: readings in child development and educational psychology*, 2nd ed. (Allyn and Bacon, 1966)
*Stones, E., An introduction to educational psychology* (Methuen, 1966)
*Thomson, R., The psychology of thinking* (Pelican, 1959)
Davies, A. F., and Encel, S. (eds.), *Australian society* (Cheshire, 1965)
Havighurst, R. J., and Neugarten, B. L., *Society and education*, 2nd ed. (Allyn and Bacon, 1962)
Musgrave, P. W., *The sociology of education* (Methuen, 1965)

*The other courses for the Degree of Bachelor of Education and the Diploma of Education will not be offered until 1969.*
Courses in Mathematics

400. MATHEMATICS I

A knowledge of Mathematics at Matriculation standard is assumed (see Note 5 to Statute 6.1—Matriculation).

The course is divided into three topics, A. Analysis, B. Algebra, both in the discipline of Mathematics, and C. Elementary mathematical techniques, in the discipline of Applied Mathematics. Each topic consists of two lectures a week and a tutorial of 1½ hours every second week.

A. ANALYSIS: Sets, relations and functions; the natural numbers; axiomatic treatment of the real numbers; sequences, limits, continuous functions, maximum principle, intermediate-value theorem, inversion theorem; differentiability, mean-value theorems, inequalities, indeterminate limits; Riemann integral, Taylor's theorem, improper integrals; infinite series, fundamentals of partial differentiation.

Text book:
Kuratowski, K., Introduction to calculus (Addison-Wesley)


Text books:
Ficken, F. A., Linear transformations and matrices (Prentice-Hall)
Abrahamson, B., Notes on plane coordinate geometry (Butterworths)

C. ELEMENTARY MATHEMATICAL TECHNIQUES: Limits, transcendental functions, integration, partial differentiation, ordinary differential equations, difference equations, vectors, Cartesian tensors, applications.

Text books:

Reference books:
*Jeffreys, H., Cartesian tensors (Cambridge Univ. Pr.)

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401. MATHEMATICS IB

This course consists of Topics B. Algebra and C. Elementary mathematical techniques, as in Mathematics I (400).

The following courses, (403) and (409), are available only to students enrolled for the Degree of Bachelor of Arts or the Degree of Bachelor of Economics.

403. MATHEMATICS IC

This course consists of Topics A. Analysis and B. Algebra as in Mathematics I (400).

404. MATHEMATICS II

Pre-requisite: a satisfactory standard in Mathematics I (400), or a sufficiently high standard in Mathematics IB (401) or Mathematics IC (403).

(1) One of the following:

- Topic A. Analysis of Mathematics I (400) if not completed in Part I
- 411. Real analysis (pre-requisite: Mathematics I)
- 418. Advanced calculus

(2) 421. Mathematics reading course B, and

(3) One of the following options:

- (a) Fundamentals of arithmetic and analysis (419), or Fundamentals of geometry (420)
- (b) 413. Linear algebra A 414. Linear algebra B (Pre-requisite: Advanced calculus (418) or 415. Classical differential geometry Real analysis (411))
- (c) 416. Probability
- 417. Statistics

405. MATHEMATICS IIH

Pre-requisite: a sufficiently high standard in Mathematics I (400). It is equivalent to two full courses of the Degree of Bachelor of Arts and comprises:

410. Mathematics reading course A
411. Real analysis
412. Complex analysis
413. Linear algebra A
414. Linear algebra B
415. Classical differential geometry
416. Probability
417. Statistics
SYLLABUSES—PHYSICAL SCIENCES

406. MATHEMATICS III

Pre-requisite: a satisfactory standard in Mathematics II (404). The course comprises:

438. Mathematics reading course D

any one of the following options, subject to the pre-requisites being satisfied:

(a) 411. Real analysis, and
   412. Complex analysis (Pre-requisite: Mathematics I (400))

(b) 413. Linear algebra A
   414. Linear algebra B, and
   415. Classical differential geometry
       (Pre-requisite: Advanced calculus (418) or Real analysis (411))

(c) 419. Fundamentals of arithmetic and analysis or 420. Fundamentals of geometry. (If either of these was taken in Mathematics II (404), it may not be repeated in this course.)


407. MATHEMATICAL STATISTICS

Pre-requisite: a satisfactory standard in Mathematics II (404), including Real analysis (411), Probability (416), and Statistics (417).

It comprises the following courses:

432. Distribution theory for random variables
434. Techniques of statistical inference
435. Principles of statistical inference
436. Analysis of linear models
438. Mathematics reading course D

and either of the following options:

(a) 433. Elements of stochastic processes
   437. Multivariate analysis

or

(b) any other combination of mathematics courses approved by the Professor in charge of Mathematics.

408. MATHEMATICS III S

Pre-requisite: a satisfactory standard in Mathematics II (404), including Probability (416), Statistics (417), and Advanced calculus (418).

This course, divided between the disciplines of Mathematics and Applied Mathematics, is adapted to the needs of social scientists.

It comprises the following courses:

433. Elements of stochastic processes
434. Techniques of statistical inference
438. Mathematics reading course D
462. Numerical analysis
470. Linear programming

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409. MATHEMATICS IIH

Pre-requisite: a sufficiently high standard in Mathematics IIH.

This course comprises the following:

422. Mathematics reading course C
427. Lebesgue integration
428. Applications of Lebesgue integration

Either of the following options:

(a) 423. Linear algebra C
    424. Group theory
    425. Ring theory
    426. Topology
    429. Differentiable manifolds
    430. Riemannian geometry
    431. Functional analysis

or

(b) 432. Distribution theory for random variables
    433. Elements of stochastic processes
    434. Techniques of statistical inference
    435. Principles of statistical inference
    436. Analysis of linear models
    437. Multivariate analysis

PART II AND PART III COURSES IN MATHEMATICS

The following is a description of all further courses within the discipline of Mathematics. In general, each course consists of three lectures a week for one, two or three terms. Each term's work in a course constitutes a topic; it is possible to take individual topics without having to attend the entire course, provided that the student has the necessary pre-requisites. In each course, the preceding topics are pre-requisites for any given topic; all other pre-requisites are explicitly stated. The particular choice of mathematical topics available to a student will depend on the Programme in which he is enrolled. The student is responsible, when making his choice of topics, for seeing that they fit into his time-table.

410. MATHEMATICS READING COURSE A

Pre-requisite: a sufficiently high standard in Mathematics I (400).

Supervised reading in connection with Programme Pl. Students will meet a supervisor for an hour in each two weeks out of three during the year. The course involves no lectures.

411. REAL ANALYSIS

Pre-requisite: a sufficiently high standard in Mathematics I (400).

Three lectures a week for three terms, one tutorial a week for three terms, unless the student is also taking Partial differential equations (463), in which case there will be one tutorial every second week for the second and third terms.
SYLLABUSES—PHYSICAL SCIENCES

Sequences, series of functions, uniform convergence, Fourier series and transforms, Laplace transforms, iterated limit problems, differential equations; elementary topology of $\mathbb{R}^n$, continuity and differentiability of functions of several variables, transformations from $\mathbb{R}^m$ to $\mathbb{R}^n$, inversion theorem, functional dependence theorem, implicit function theorem, multiple integrals, differential forms, exterior products and derivatives, integration of forms over smooth simplicial chains, the generalized Stokes theorem and its applications to vector analysis.

Text books:
- Hille, E., Analysis, Vol. II (Blaisdell)
- Spivak, M., Calculus on manifolds (Benjamin)
- *Spiegel, M. R., Outline of theory and problems of vector analysis (Schaum)

412. COMPLEX ANALYSIS

Pre-requisite: a sufficiently high standard in Mathematics I (400).
Co-requisite: Real analysis (411).
Three lectures a week for the second term.
Complex plane, power series, integration, analytic functions, Cauchy's theorem, theory of residues.

Text books:
- Hille, E., Analytic function theory, Vol. I (Blaisdell)
- *Mitrovinc, D. S., Functions of a complex variable (Noordhoff)
- *Mitrovinc, D. S., Calculus of residues (Noordhoff)

413. LINEAR ALGEBRA A

Pre-requisite: Mathematics I (400) or Mathematics IB (401).
Three lectures a week for the first term.
Vector spaces, subspaces, quotient spaces, direct sums; linear transformations, duality.

Text books:
- Finkbeiner, D. T., Introduction to matrices and linear transformations (Freeman)
- Lang, S., Linear algebra (Addison-Wesley)

414. LINEAR ALGEBRA B

Pre-requisite: Linear algebra A (413).
Three lectures a week for the second term.
Tensor products, multilinear algebra, Grassman algebra, spectral theory of linear transformations.

Text books:
- As in Linear algebra A (413)

415. CLASSICAL DIFFERENTIAL GEOMETRY

Pre-requisite: Real analysis (411) or Advanced calculus (418).
Three lectures a week for the third term.
Theory of curves and surfaces.

Text book:
- Laugwitz, D., Differential and Riemannian geometry (Academic Pr.)
416. PROBABILITY

Pre-requisite: Mathematics I (400) or Mathematics IB (401).
Three lectures a week for the first term.
Combinatorial analysis. Sets and events. Classical, conditional probability.
Discrete random variables. The Poisson process. Probability generating functions.

*Text book:

417. STATISTICS

Pre-requisite: Probability (416).
Three lectures and a two-hour tutorial each week for the second term.

*Text book:
   *Lindgren, B. W., and McElrath, G., Introduction to probability and statistics (Macmillan)

418. ADVANCED CALCULUS

Pre-requisite: Mathematics I (400) or Mathematics IB (401).
Three lectures a week for three terms, one tutorial a week for three terms, unless the student is also attending Introduction to applied mathematics (464) in which case there will be one tutorial every second week for the second and third terms.
Infinite series, partial differentiation; multiple integration, vector analysis; differential equations and complex functions.

*Text books:
   *Thomas, G. B., Calculus and analytic geometry, Part II (Addison-Wesley)
   *Spiegel, M. R., Outline of theory and problems of vector analysis (Schaum)
   *Martin, W. T., and Reissner, E., Elementary differential equations (Addison-Wesley)

419. FUNDAMENTALS OF ARITHMETIC AND ANALYSIS

This course will be given in 1968 and every second year thereafter.
Pre-requisite: Mathematics I (400) or Mathematics IB (401).
Three lectures a week for three terms.
The construction of the natural numbers, the integers, the rational numbers, the real numbers, the complex numbers; interrelation and properties of these systems. Polynomial domains. Applications to the standard algorithms of arithmetic and algebra. The role of the number system in western culture.

*Text book:
   *Olmsted, J. M. H., The real number system (Appleton-Century-Crofts, 1962)
   *Landau, E. G. H., Foundations of analysis (Chelsea)
SYLLABUSES—PHYSICAL SCIENCES

420. FUNDAMENTALS OF GEOMETRY

This course will be given in 1969 and every second year thereafter.
Pre-requisite: a satisfactory standard in Mathematics I (400) or a sufficiently high standard in Mathematics IB (401).
Three lectures a week for three terms.
Incidence structures, absolute and non-Euclidean geometry; projective, affine and Euclidean geometry. The role of geometry in western culture.

Text book:
Coxeter, H. S. M., Introduction to geometry (Wiley)

421. MATHEMATICS READING COURSE B

Pre-requisite: a satisfactory standard in Mathematics I (400) or a sufficiently high standard in Mathematics IB (401).
Supervised reading in connection with Programme P2. Students will meet a supervisor for an hour in each two weeks out of three during the year. The course involves no lectures.

422. MATHEMATICS READING COURSE C

Supervised reading in connection with Mathematics courses taken in Programmes P10 and P11. Students will meet a supervisor for an hour each week. The course involves no lectures.

Text book:
Rudin, W., Real and complex analysis (McGraw-Hill)

423. LINEAR ALGEBRA C

Pre-requisite: Linear algebra B (414).
Three lectures a week for the first term.
Bilinear forms and orthogonality.

Text book:
Halmos, P. R., Finite-dimensional vector spaces, 3rd ed. (Van Nostrand)
(The first two chapters of the book should be read carefully before commencing the course.)

424. GROUP THEORY

Pre-requisite: a sufficiently high standard in Mathematics I (400), or Mathematics IB (401).
Three lectures a week for the second term.
Groups, subgroups, quotient groups, homomorphisms. Finite groups. Sylow p-groups. Composition series. Structure theorem for finitely-generated abelian groups.

Text book:
*Ledermann, W., Introduction to the theory of finite groups (Oliver & Boyd)
425. RING THEORY
Pre-requisite: Group theory (424).
Three lectures a week for the third term.
Text book:

426. TOPOLOGY
Pre-requisite: Real analysis (411).
Three lectures a week for the first term.
Topological spaces, convergence, continuity, connectedness, compactness, uniformities and completeness.
Text book:
Dugundji, J., Topology (Allyn and Bacon)
Recommended preliminary reading:
Patterson, E. M., Topology (Oliver & Boyd)

427. LEBESGUE INTEGRATION
Pre-requisite: Real analysis (411).
Three lectures a week for the second term.
The classical Lebesgue integral in Euclidean n-space.
Text book:
Asplund, E., and Bungart, L., A first course in integration (Holt, Rinehart and Winston, 1966)

428. APPLICATIONS OF LEBESGUE INTEGRATION
Pre-requisite: Lebesgue integration (427).
Three lectures a week for the third term.
Fourier series and transforms. Laplace transforms, integral transforms, singular integrals.
Text book:
As for Lebesgue integration (427).

429. DIFFERENTIABLE MANIFOLDS
Pre-requisite: Classical differential geometry (415).
Co-requisite: Linear algebra (423).
Three lectures a week for the first term.
General theory of differentiable manifolds, tangent and cotangent bundles, differential forms and vector fields.
Text book:
*Hicks, N. J., Notes on differential geometry (Van Nostrand)
SYLLABUSES—PHYSICAL SCIENCES

430. RIEMANNIAN GEOMETRY

Pre-requisite: Differential manifolds (429).
Three lectures a week for the second term.
Riemannian and pseudo-Riemannian manifolds, tensors, connections, geodesics, curvature.

Text books:
Laugwitz, D., Differential and Riemannian geometry (Academic Pr.)
*Hicks, N. J., Notes on differential geometry (Van Nostrand)

431. FUNCTIONAL ANALYSIS

Pre-requisite: Real analysis (411).
Three lectures a week for the third term.

Text book:
Goffman, C., and Pedrick, G., First course in functional analysis (Prentice-Hall)

432. DISTRIBUTION THEORY FOR RANDOM VARIABLES

Pre-requisite: Real analysis (411) and Statistics (417).
Three lectures a week for the first term.
Generating functions and characteristic functions; Gamma, Beta and Cauchy distributions; multivariate distributions; transforms, conditional distributions, multivariate-normal, multinomial, Dirichlet. Functions of random variables. $\chi^2$, t, F distributions. Compound distributions. Order statistics. Limit theorems for sums of independent random variables.

Text book:
*Parzen, E., Modern probability theory and its applications (Wiley)

433. ELEMENTS OF STOCHASTIC PROCESSES

Pre-requisite: Probability (416).
Three lectures a week in the third term.
Recurrent events, Markov chains, random walks, branching processes, renewal processes, modified Poisson processes, birth and death processes, elementary queueing models.

Text book:

434. TECHNIQUES OF STATISTICAL INFERENCE

Pre-requisite: Statistics (417).
Three lectures and one two-hour tutorial a week for the first term.
Multiple regression techniques, elements of experimental design, crossed factors, nested factors, replication, Latin squares, incomplete blocks, confounding techniques for finite populations.

Text book:
Brownlee, K. A., Statistical theory and methodology in science and engineering (Wiley)

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435. PRINCIPLES OF STATISTICAL INFEREN CE

Pre-requisite: Distribution theory for random variables (432) and Techniques of statistical inference (434).

Three lectures a week in the second term.


Text book:

*Hogg, R. V., and Craig, A. T., Introduction to mathematical statistics (Macmillan)

436. ANALYSIS OF LINEAR MODELS


Three lectures and a two-hour tutorial during the second term.


*Seber, G. A. F., The linear hypothesis: a general theory (Griffin)
Rao, C. R., Linear statistical inference and applications (Wiley)

437. MULTIVARIATE ANALYSIS

Pre-requisite: Analysis of linear models (436).

Three lectures a week in the third term.


Text book:

Anderson, T. W., Introduc tion to multivariate statistical analysis (Wiley)

438. MATHEMATICS READING COURSE D

Supervised reading in connection with Mathematics courses taken in Programme P12. Students will meet a supervisor for an hour each week. The course involves no lectures.

PART IV COURSES IN MATHEMATICS

459. HONOURS' MATHEMATICS

The Discipline of Mathematics and the Departments of Mathematics and Statistics of the University of Adelaide collaborate in a joint programme for fourth-year honours students. Students registered at either University attend a selection of courses offered at each institution. As the programmes at the two Universities are not identical, students may be required to attend as
part of their fourth-year work one or more Part III courses, and may be admitted to courses normally given in the fifth year of study, if their preparation is adequate. The course commences at the beginning of February, and each student is allocated to a supervisor who will advise on the choice of curriculum. (Part III courses are listed in this Calendar.)

A selection from the following topics will be offered by the Discipline of Mathematics in 1968.

**Fundamentals of Hilbert Space**
Pre-Hilbert and Hilbert spaces. Geometrical properties. The standard spaces. Linear functionals and operators.

**Spectral Theory**

**von Neumann Algebras**

**Affine and Projective Geometry**

**Non-desarguesian Planes**

**Logic and Set Theory**
(Details of this course are not yet available.)

**Discrete-time Stochastic Processes**
Recurrent events. Denumerable Markov Chains. Applications to random walk, branching processes, queues.

**Continuous-time Stochastic Processes**

**Branching Processes**
The Galton-Watson process. Vector valued; age-dependent; measure-valued branching processes.

**Stationary Time Series**

**Non-Parametric Statistics**
Theory of the standard non-parametric tests. Non-parametric inference in linear models and in simultaneous decision problems.
PART II COURSES IN APPLIED MATHEMATICS

460. APPLIED MATHEMATICS READING COURSE A

Pre-requisite: A sufficiently high standard in Mathematics I (400).
A supervised session every third week throughout the year.

461. COMPUTATIONAL TECHNIQUES

Pre-requisite: Mathematics I (400) or Mathematics IB (401).
One lecture and one tutorial per week in first term. Fortran Programming
and techniques for programming numerical methods.

*Text book:

462. NUMERICAL ANALYSIS

Pre-requisite: Mathematics I (400) or Mathematics IB (401).
Three lectures per week during first and third terms and also a two-hour
tutorial in third term.

inversion. Determinant calculation. Algebraic eigenvalue problems. Linear
operators. Finite differences. Differentiation formulae. Interpolation
formulae. Numerical integration. Summation formulae. Approximation of

*Text book:
Fröberg, C. E., *Introduction to numerical analysis* (Addison-Wesley, 1964)

*Reference books:
*Henrici, P., *Elements of numerical analysis* (Wiley, 1964)
algebra* (Freeman, 1963)

463. PARTIAL DIFFERENTIAL EQUATIONS

Pre-requisite: A sufficiently high standard in Mathematics I (400) or Mathe-
matics IB (401).
Three lectures per week and one tutorial every second week during second
and third terms.

Derivation of equations of Mathematical Physics. Initial conditions,
Boundary conditions. Divergence theorem. Separation of variables. Fourier
expansions. General systems of orthogonal functions. Anharmonic analysis.
Variation of parameters. Characteristics. Cauchy problems. Adjoint opera-
Source solutions. Method of images. Spherical harmonics. Cylinder func-
tions. Expansions.
SYLLABUSES—PHYSICAL SCIENCES

Text book:
*Sneddon, I. N., Special functions of mathematical physics and chemistry, 2nd ed. (Oliver & Boyd, 1961)

464. INTRODUCTION TO APPLIED MATHEMATICS

Pre-requisite: Mathematics I (400) or Mathematics IB (401).
Three lectures per week and one tutorial every second week during second and third terms.
The syllabus is approximately the same as for Partial differential equations (463) with which the course may be combined.

465. APPLIED MATHEMATICS READING COURSE B

Pre-requisite: Mathematics I (400).
One supervised session every third week throughout the year.

PART III COURSES IN APPLIED MATHEMATICS

467. APPROXIMATION THEORY

Pre-requisites: Real analysis (411), Complex analysis (412), Numerical analysis (462), Partial differential equations (463).
Two lectures per week during first term.

Text book:
Davis, P. J., Interpolation and approximation (Blaisdell, 1965)

468. TRANSFORMS

Pre-requisites: Real analysis (411), Complex analysis (412), Numerical analysis (462), Partial differential equations (463).
Two lectures per week during first term.
This course will not be offered until 1969.

469. NUMERICAL SOLUTIONS OF PARTIAL DIFFERENTIAL EQUATIONS

Pre-requisites: Real analysis (411) or Advanced calculus (418), Numerical analysis (462), Partial differential equations (463) or Introduction to applied mathematics (464).
Three lectures per week during second term.
Hyperbolic equations, the initial value problem, explicit solutions of differ-
ence equations; Parabolic equations, heat flow problem, stability of finite difference schemes, implicit method of solution; Elliptic equations, formulation of difference equation, classical theory of solution, overrelaxation methods, eigenvalue problems.

*Text book:*

### 470. LINEAR PROGRAMMING

Pre-requisites: Real analysis (411) or Advanced calculus (418), Numerical analysis (462).

Three lectures per week during third term.

Convex sets, linear inequalities and equations, the general linear programming problem, slack variables, simplex method, duality, applications to typical problems.

*Text book:*

### 472. SPECIAL FUNCTIONS

Pre-requisites: Real analysis (411) or Advanced calculus (418), Partial differential equations (463) or Introduction to applied mathematics (464).

Three lectures per week during first term.


*Text book:*

### 473. BOUNDARY AND INITIAL VALUE PROBLEMS

Pre-requisites: Real analysis (411), Complex analysis (412), Partial differential equations (463), Special functions (472).

Two lectures per week during second term.

To be selected from ordinary differential equations; linear second-order initial-value problems; linear second-order boundary-value problems, the homogeneous problem, non-homogeneous boundary conditions, non-homogeneous differential equations; the Laplace transform; the Fourier series and the Fourier transform, Green's function; boundary value problems involving partial differential equations; self-adjoint problems, including Sturm-Liouville; variational methods of eigenvalues.

*Text book:*

*Reference books:*
474. POTENTIAL THEORY
Pre-requisites: Real analysis (411), Complex analysis (412), Partial differential equations (463), Special functions (472).
Two lectures per week during second term.
This course will not be offered until 1969.

475. FIELD THEORY
Pre-requisites: Real analysis (411) or Advanced calculus (418), Partial differential equations (463) or Introduction to applied mathematics (464), Special functions (472).
Three lectures per week during third term.
Coordinate transformation, scalars and vectors, vector algebra, Cartesian tensors, tensor algebra, scalar, vector and tensor fields, tensor calculus, the operator \( \nabla \) dyadics and dyadic fields, deformation and stress in an elastic body, four vectors, stress-energy tensor, spinors, equations of the electromagnetic field.

Text book:
Reference book:
*Spiegel, M. R., Schaum's outline of theory and problems of vector analysis (Schaum, 1957)

477. ANALYTICAL MECHANICS
Pre-requisites: Real analysis (411) or Advanced calculus (418), Partial differential equations (463) or Introduction to applied mathematics (464).
Three lectures per week during first term.
"Vectorial" and analytical mechanics, generalised coordinates, holonomic systems, work function; calculus of variations, the Lagrange multiplier method; the Euler-Lagrange formulations; the Hamilton formulation; canonical transformations, the Hamilton-Jacobi equations; continuous systems and fields.

Text book:
Lanczos, C., The variational principles of mechanics, 2nd ed. (Toronto Univ. Pr., 1962)
Reference book:
Goldstein, H., Classical mechanics (World Student Series) (Addison-Wesley, 1964)

478. CONTINUUM MECHANICS
Pre-requisites: Real analysis (411) or Advanced calculus (418), Partial differential equations (463) or Introduction to applied mathematics (464).
Three lectures per week during second term.
Constitutive equations of continua—Navier Stokes equation, equation of elasticity, non-Newtonian fluids. Averaged equations, turbulent continua. Finite strain.

Text book: Prager, W., Introduction to mechanics of continua (Ginn, 1961)

479. DYNAMIC OCEANOGRAPHY

Pre-requisites: Real analysis (411), Complex analysis (412), Partial differential equations (463), Continuum mechanics (478).

Three lectures per week during third term.


Text book: Proudman, J., Dynamical oceanography (Methuen, 1963)

Reference book: Stommel, H., The gulf stream, 2nd ed. (California Univ. Pr., 1965)

480. DYNAMICAL METEOROLOGY

Pre-requisites: Real analysis (411), Complex analysis (412), Partial differential equations (463), Continuum mechanics (478).

Three lectures per week during third term.

This course will not be offered until 1969.

481. APPLIED MATHEMATICS READING COURSE C

A supervised session each week for three terms.

482. APPLIED MATHEMATICS READING COURSE D

A supervised session each week for three terms.

499. HONOURS APPLIED MATHEMATICS

Each of the following courses normally consists of three lectures per week for one term.

Asymptotic Methods in Analysis:


Text book:

Reference books:
Copson, E. T., *Asymptotic expansions* (Cambridge Univ. Pr., 1965)

Viscous Flow:
Real fluids, the Navier Stokes equations, limiting case of large viscosity, exact solutions of Navier Stokes equations, principle of similarity. Onset of turbulence, the method of small disturbances, theoretical assumptions on turbulent flows, the similarity hypothesis, spectral theory of turbulent scalar fields.

Text book:

Reference books:
Lamb, H., *Hydrodynamics* (Cambridge Univ. Pr., 1945)
Lin, C. C., *The theory of hydrodynamic stability* (Cambridge Univ. Pr., 1966)

Magnetohydrodynamics:
Basic macroscopic equations, the ideal hydromagnetic model; magnetic "pressure" and "tension", "frozen-in" fields; boundary conditions; characteristic numbers; channel flow; waves and instability; shock phenomena; cosmic and thermonuclear applications.

Reference books:
Cowling, T. G., *Magnetohydrodynamics* (Interscience, 1957)
*Shercliff, J. A., A textbook of magnetohydrodynamics* (Pergamon, 1965)

Classical Hydrodynamics:
Kinematics of a fluid: velocity fields, streamlines, trajectories, equation of continuity, circulation and vorticity, rotational and irrotational flow, velocity potential.

Dynamics of an ideal fluid: equations of motion, barotropy, the energy equation, Bernoulli’s equation.

Plane irrotational flow: stream function, complex velocity and complex potential, sources, sinks, doublets and vortices.

General motion of an ideal fluid: Kelvin’s circulation theorem, the vorticity equation and the theorems of Helmholtz and Bjerknes, vortex systems.


Some examples of wave motion in an ideal fluid.

Text book:
SYLLABUSES—PHYSICAL SCIENCES

Water Waves:
A selection of topics including waves on sloping beaches and past obstacles, dock problems. In the main, attention will be confined to infinitesimal waves.

Text book:
Stoker, J. J., Water waves (Interscience, 1957)

Integral Equations:

Text book:
Tricomi, F. C., Integral equations (Interscience, 1957)

Reference book:
Mikhlin, S. G., Integral equations, 2nd ed. (Pergamon, 1964)

Courses in Physics

500. PHYSICS I

A knowledge of Physics and Mathematics at Matriculation standard is assumed (see Notes to Statute 6.1—Matriculation).

The course comprises three lectures and three hours laboratory work a week.

The lectures deal with:

(i) Newtonian mechanics, special relativity, particles and forces.

Text book:

(ii) Electricity and magnetism, waves and elementary quantum mechanics.

Text book:
Hazen, W. E., and Pidd, R. W., Physics (Addison-Wesley, 1965)

The laboratory work involves experiments on the dynamics of particle motion, waves and oscillations, and atomic physics.

Reference books:
Halliday, D., and Resnick, R., Physics for students of science and engineering (Wiley, 1965)
PART II COURSES IN PHYSICS

All Part II courses in physics require either Advanced calculus (418) or Real analysis (411) as a pre-requisite (or co-requisite). Any additional pre-requisites for a course are given in the course syllabus.

The following four lecture courses are designed for the Programme P.3 Physics. Students enrolled in other Programmes may take these courses only with the permission of the Professor in charge of Physics (see the appropriate Programme for details).

502. ELECTROMAGNETIC THEORY

Pre-requisite: Physics I (500) at a sufficiently high standard.

Three lectures a week during first term. The topics covered include electrostatics, conductors, dielectrics, calculation of electrostatic fields, steady currents, alternating currents, magnetic materials, electromagnetic induction, and Maxwell’s equations.

Text book:

Reference book:

503. ELECTROMAGNETIC WAVES

Pre-requisite: Electromagnetic theory (502).

Three lectures a week during second term. The wave equation, propagation of electromagnetic waves, polarized waves, reflection and refraction at boundaries, interference, diffraction, coherence.

Text book:

Reference books:
Francon, M., Modern applications of physical optics (Interscience, 1963)
Born, M., and Wolf, E., Principles of optics (Pergamon, 1964)

504. QUANTUM MECHANICS A

Pre-requisite: Physics I (500) at a sufficiently high standard.

Co-requisite: Partial differential equations (463) or Introduction to applied mathematics (464).
Three lectures a week during second term. Wave-particle duality, the uncertainty relations, motion and dispersion of wave packets, Schrödinger's wave equation, solutions of one-dimensional problems illustrating various important aspects of physics.

*Text book:

*Reference books:

505. STATISTICAL MECHANICS

Pre-requisite: Quantum mechanics A (504) or Elementary quantum mechanics A (508).

Three lectures a week during third term. Statistical description of systems of particles, ensembles, partition functions, the relation between statistical properties and thermodynamics, applications to ideal gases and solids, including the effects of quantum statistics.

*Text book:

*Reference books:

The following five lecture courses are designed for the Programme P4. Students enrolled in other Programmes may take certain combinations of these courses (see the appropriate Programme for details).

506. ELECTRICITY AND MAGNETISM

Pre-requisite: Physics I (500).

Three lectures a week during first term. Electric forces and fields, potential, capacitance and dielectrics, direct and alternating currents, magnetic forces and fields, electromagnetic induction, magnetic properties of matter, Maxwell's equations.

*Text book:

*Reference book:
SYLLABUSES—PHYSICAL SCIENCES

507. OPTICS AND SPECTROSCOPY

Pre-requisite: Electromagnetic theory (502) or Electricity and magnetism (506).

Three lectures a week during second term. Geometrical optics and aberrations, interference, diffraction, electromagnetic waves, polarization, spectroscopic techniques.

Text book:
*Longhurst, R. S., Geometrical and physical optics, 2nd ed. (Longmans, 1967)

Reference books:
*Rossi, B., Optics (Addison-Wesley, 1957)
*Sawyer, R. A., Experimental spectroscopy, 3rd ed. (Dover, 1963)

508. ELEMENTARY QUANTUM MECHANICS

Pre-requisite: Physics I (500).

Three lectures a week during second term. Wave-particle duality, the uncertainty relations, wave packets, Schrödinger's wave equation, illustrative solutions of one-dimensional problems.

Reference books:
*Pohl, H. A., Quantum mechanics for science and engineering (Prentice-Hall, 1967)

509. ATOMIC AND NUCLEAR PHYSICS

Pre-requisite: Quantum mechanics A (504) or Elementary quantum mechanics (508).

Three lectures a week during third term. The hydrogen atom, introduction to time-independent perturbation theory, angular momentum and its association with spectroscopy, basic concepts in atomic spectroscopy, identical particles, history of nuclear physics, nuclear dimensions and composition, nuclear decay, classification of nuclear forces, introduction to the theory of reactions.

Text book:

Reference books:
*Livesey, D. L., Atomic and nuclear physics (Blaisdell, 1966)
*White, H. E., Introduction to atomic spectra (McGraw-Hill, 1934)
Elton, L. R. B., Introductory nuclear theory (Pitman, 1965)

510. ELEMENTARY MATHEMATICAL PHYSICS

Pre-requisites and co-requisites: Electromagnetic theory (502) or Electricity and magnetism (506); Quantum mechanics A (504) or Elementary quantum mechanics (508); Partial differential equations (463) or Introduction to applied mathematics (464).
Two lectures and one tutorial a week during third term. Tensor analysis, matrices and eigenvalues. Solutions of some equations of mathematical physics by Green's function and transform methods.

Text book:

Reference books:

511. PHYSICS LABORATORY II

Pre-requisite: Physics I (500).
Six hours a week for three terms. All students enrolled in the Physics Programmes will take this course, which includes experiments on optics, spectroscopy, electricity, magnetism, and electromagnetic radiation. The experiments have been selected to introduce the student to a wide range of experimental methods in physics.

Text book:

Reference books:
Brown, T. B. (ed.), *The Lloyd William Taylor manual of advanced undergraduate experiments in physics* (Addison-Wesley, 1959)

512. PHYSICS LABORATORY IIIs

Pre-requisite: Physics I (500).
Two or three hours a week for three terms. A range of experiments selected from the full laboratory course for students who are not taking the Physics Programmes.

Text book:

Reference books:
Brown, T. B. (ed.), *The Lloyd William Taylor manual of advanced undergraduate experiments in physics* (Addison-Wesley, 1959)
PART III COURSES IN PHYSICS

The following five lecture and reading courses are designed for the Programmes P30 and P31. Students enrolled in other Programmes may take these courses only with the permission of the Professor in charge of Physics (see the appropriate Programme for details).

515. ELECTROMAGNETIC THEORY AND RELATIVITY
Pre-requisites: Electromagnetic theory (502), Elementary mathematical physics (510).
Two lectures a week during third term. Lorentz invariance and covariance. Relativistic Lagrangians, four-vectors and four-potentials, energy-momentum tensor. Covariant form of Maxwell’s equations, advanced and retarded potentials. Applications to radiation problems.
Text book:

516. PLASMA PHYSICS
Pre-requisites: Electromagnetic theory (502), Transport processes (525).
Reference books:

517. NUCLEAR THEORY
Pre-requisite: Quantum mechanics B (523).
Reference book:

518. ADVANCED QUANTUM MECHANICS
Pre-requisite: Quantum mechanics B (523).
Three lectures a week during third term. Linear vector spaces in quantum mechanics, equations of motion, canonical quantization, Heisenberg and
Schrödinger representations. Time-dependent perturbation theory with applications.

**Text book:**
*Merzbacher, E., Quantum mechanics* (Wiley, 1967)

**Reference books:**
Gottfried, K., *Quantum mechanics*, vol. I (Benjamin, 1966)

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519. PHYSICS READING COURSE

Students will be examined on certain topics which are not covered in the lecture courses. A reading list for the course will be announced during first term. One tutorial a week will be held throughout the year in association with this course.

The following seven lecture courses are designed for the Programmes P32 and P33. Students enrolled in other Programmes may take certain combinations of these courses (see the appropriate Programme for details).

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523. QUANTUM MECHANICS B

Pre-requisites: Elementary quantum mechanics (508) or Quantum mechanics A (504); Elementary mathematical physics (510). (Students enrolled in the Programmes P10, P11, P12, P20, P21, P22 require Partial differential equations (463) or Introduction to applied mathematics (464).)

Three lectures a week during first term. Operators, symmetries, angular momentum, spin, parity, time-reversal, identical particles. Approximation methods with applications. Elements of scattering theory.

**Text book:**
*Merzbacher, E., Quantum mechanics* (Wiley, 1967)

**Reference books:**
Gottfried, K., *Quantum mechanics*, vol. I (Benjamin, 1966)

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524. ELECTRONICS AND CIRCUIT THEORY

Pre-requisite: Electromagnetic theory (502) or Electricity and magnetism (506).

Co-requisite: Physics laboratory III (530) or Physics laboratory IIIS (531).

Two lectures a week during first term. Circuit analysis, amplifiers, feedback, pulse and trigger circuits, oscillators, modulation, signal transmission.

**Text book:**

**Reference book:**
SYLLABUSES—PHYSICAL SCIENCES

525. TRANSPORT PROCESSES

Pre-requisites: Partial differential equations (463) or Introduction to applied mathematics (464); Electromagnetic theory (502) or Electricity and magnetism (506).

Two lectures a week during second term. Kinetic models for gases, Boltzmann's equation, conservation of mass, momentum and energy in fluid motion, relations between "fluxes" and "forces" in fluids. Ideal and non-ideal fluid flow. Compressible flow.

Reference books:
Cole, G. H. A., Fluid dynamics (Methuen, 1962)
*Huang, K., Statistical mechanics (Wiley, 1963)

526. SOLID STATE SCIENCE A

Pre-requisites: Electromagnetic theory (502) or Electricity and magnetism (506); Elementary quantum mechanics (508) or Quantum chemistry (553); Statistical mechanics (505) or Statistical thermodynamics (569).

Two lectures a week during second term. Lattice vibrations, specific heat, energy band theory applied to metals and semiconductors.

Text book:

527. NUCLEAR AND PARTICLE PHYSICS

Pre-requisite: Quantum mechanics B (523).

Two lectures a week during second term. Nuclear composition, nuclear models, nuclear decay, compound nucleus and direct reactions, elementary particles and their interactions, classification schemes, discussion of major disagreements between theory and experiment.

Text book:
or
Elton, L. R. B., Introductory nuclear theory (Pitman, 1965)

Reference books:
Enge, H. A., Introduction to nuclear physics (Addison-Wesley, 1966)
Preston, M. A., Physics of the nucleus (Addison-Wesley, 1962)
Segrè, E., Nuclei and particles (Benjamin, 1964)
Frazer, W. R., Elementary particles (Prentice-Hall, 1966)
Muirhead, H., The physics of elementary particles (Pergamon, 1965)
Yang, C. N., Elementary particles (Princeton Univ. Pr., 1961)
*Swartz, C. E., The fundamental particles (Addison-Wesley, 1965)

528. DISCHARGE AND PLASMA PHYSICS

Pre-requisites: Electromagnetic waves (503) or Optics and spectroscopy (507), Transport processes (525).

Two lectures a week during third term. Collision processes in gases, electrical breakdown, plasma properties, glow and arc discharges.
SYLLABUSES—PHYSICAL SCIENCES

Text book:
Engel, A. von, Ionized gases, 2nd ed. (Clarendon Pr., 1965)

Reference books:
Brown, S. C., Basic data of plasma physics (M.I.T., 1959)
McDaniel, E. W., Collision phenomena in ionized gases (Wiley, 1964)

529. SELECTED TOPICS IN THEORETICAL PHYSICS

Pre-requisites: Electromagnetic theory (502) or Electricity and magnetism (506); Quantum mechanics B (523), Statistical mechanics (505) or Statistical thermodynamics (569).

Two lectures a week during third term. Topics selected from the theoretical aspects of mechanics, relativity and electromagnetism.

Reference books:
*Goldstein, H., Classical mechanics (Addison-Wesley, 1964)

530. PHYSICS LABORATORY III

Nine hours a week for three terms. Includes experiments on electronics, nuclear physics, plasma physics, solid state physics, electromagnetic waves and high frequency devices.

Reference books:
Hunten, D. M., Introduction to electronics (Holt, Rinehart and Winston, 1964)

531. PHYSICS LABORATORY I I I S

Six hours a week during first and second terms. A range of experiments selected from the full laboratory course.

Reference book:

PART IV COURSES IN PHYSICS

Honours Physics courses will be offered for the first time in 1969.

Courses in Chemistry

550. CHEMISTRY I

Co-requisite or pre-requisite: Mathematics I (400) or Mathematics IB (401). The course consists of three lectures, three hours' practical work and one tutorial or pre-laboratory instruction each week.
SYLLABUSES—PHYSICAL SCIENCES

The lectures deal with physical and chemical equilibria, thermodynamics, introductory electrochemistry, introduction to atomic theory and chemical bonding, chemical reactions and properties exemplifying correlations within the periodic table, and aliphatic and aromatic organic chemistry. The laboratory work is designed to serve as an introduction to inorganic chemistry, physical chemistry, and organic chemistry.

Text books:
Mahan, B. H., *University chemistry* (Addison-Wesley, 1965)
*Mahan, B. H., Elementary chemical thermodynamics* (Benjamin, 1963)
(Harper and Row, 1962)

PART II COURSES IN CHEMISTRY

The courses offered will cover fundamental aspects of inorganic, organic and physical chemistry, together with appropriate laboratory work. For students taking the Chemistry Programme P5 there will be seven lectures per week in first term and six lectures per week in second and third terms. There will also be one tutorial and six hours’ laboratory work each week.

Text books:
*Barrow, G. M., Physical chemistry*, 2nd ed. (McGraw-Hill, 1966)†
Either—
‡Roberts, J. D., and Caserio, M. C., *Basic principles of organic chemistry* (Benjamin, 1965)†
or
‡Morrison, R. T., and Boyd, R. N., *Organic chemistry*, 2nd ed. (Allyn and Bacon, 1966)†
*Dyer, J. R., Applications of absorption spectroscopy of organic compounds* (Prentice-Hall, 1965)†
*Helmkamp, G. K., and Johnson, H. W., Selected experiments in organic chemistry* (Freeman, 1964)†
† These text books will also be needed for courses in Part III.
‡ Students should consult a staff member before making a selection between these alternatives.

552. ORGANIC CHEMISTRY

Pre-requisite: Chemistry I (550).
Three lectures per week in first term and two lectures per week in second and third terms, dealing with synthetic methods, the main classes of aliphatic and aromatic compounds, the electronic theory of organic chemistry and its application to the mechanisms of organic reactions, the chemistry of heterocyclic compounds, stereochemistry, and the application of physical methods to structural problems in organic chemistry.

Reference books:
Noller, C. R., *Chemistry of organic compounds* (Saunders, 1965)
*Allinger, N. L. and J., Structures of organic molecules* (Prentice-Hall, 1965)

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553. QUANTUM CHEMISTRY
Pre-requisite: Chemistry I (550).
Co-requisite: Advanced calculus (418) or Real analysis (411).
Two lectures per week during first term.


Reference books:

554. KINETIC THEORY AND REACTION KINETICS
Pre-requisite: Chemistry I (550).
Co-requisite: Advanced calculus (418) or Real analysis (411).
Two lectures a week during second term. Kinetic-molecular model of gases, and gas properties; statistical mechanics, canonical ensembles, partition functions, Maxwell-Boltzmann distribution of molecular energies; collision theory of gas reactions, transition state theory, activation energy, rate laws for various orders of reaction; examples of detailed mechanisms.

Reference books:
Harris, G. M., *Chemical kinetics* (Heath, 1966)

555. CHEMICAL THERMODYNAMICS
Pre-requisite: Kinetic theory and reaction kinetics (554).
Two lectures a week during the third term. Thermodynamics of non-ideal systems; open systems; chemical potentials; phase equilibria, phase rule, three-component systems; mixtures; systems in external fields; electrochemistry.

Reference books:
Wall, F. T., *Chemical thermodynamics*, 2nd ed. (Freeman, 1965)

556. STRUCTURE OF MATTER
Pre-requisite: Chemistry I (550).
Two lectures a week during first term. Crystallography and symmetry in solids, elements of diffraction theory; structures of ionic, molecular and hydrogen-bonded solids, lattice energies; structure of liquids, properties of fluids.

Reference books:
Evans, R. C., *Introduction to crystal chemistry*, 2nd ed. (Cambridge Univ. Pr., 1964).
557. CO-ORDINATION COMPOUNDS

Pre-requisites: Quantum chemistry (553) and Structure of matter (556).
Two lectures a week during the second term. Structure and stereochemistry; bonding in transition metal complexes, introduction to ligand field theory; magnetic and spectroscopic properties of co-ordination compounds.

Reference books:
Orgel, L. E., *An introduction to transition metal-chemistry* (Methuen, 1963)

558. SYSTEMATIC INORGANIC CHEMISTRY

Pre-requisite: Structure of matter (556).
Two lectures a week during third term. Electron configuration and periodic properties of the elements. Comparative chemistry of the pre-transition elements; introduction to solid-state chemistry.

Reference books:

559. CHEMISTRY LABORATORY II

The course will occupy six hours a week in the laboratories throughout the year, and is designed to illustrate experimental techniques in inorganic, organic and physical chemistry.

560. CHEMISTRY LABORATORY IIS

Selected laboratory work from Chemistry laboratory II appropriate to lecture courses.

PART III COURSES IN CHEMISTRY

The courses cover advanced work in fundamental chemistry. The first seven courses are common to all Part III Chemistry Programmes and they provide an equal weighting to inorganic, organic and physical chemistry. The remaining courses are available to provide for specialization as detailed in the appropriate Programmes.

Text books:

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Roberts, J. D., and Caserio, M. C., *Basic principles of organic chemistry* (Benjamin, 1964)
*Dyer, J. R., Applications of absorption spectroscopy of organic compounds* (Prentice-Hall, 1965)
*Helmkamp, G. K., and Johnson, H. W., Selective experiments in organic chemistry* (Freeman, 1964)

565. INORGANIC CHEMISTRY A

Pre-requisite: Programme P5.

A course of two lectures per week during the first term dealing with the comparative chemistry of the non-transition elements, properties and reactions in non-aqueous systems, principles of radio-chemistry. This course is normally associated with laboratory work from Chemistry laboratory III (571).

Reference books:

*Cook, G. B., and Duncan, J. F., Isotope chemistry* (Clarendon Pr., 1967)
*Sisler, H. H., Chemistry in non-aqueous solvents* (Chapman & Hall, 1961)

566. INORGANIC CHEMISTRY B

Pre-requisites: Co-ordination compounds (557) and Quantum chemistry and molecular spectroscopy (570).

A course of two lectures per week during third term dealing with group theory and ligand field theory and the application of these concepts to the chemistry of the transition elements. This course is normally associated with laboratory work from Chemistry laboratory III (571).

Reference books:

Cotton, F. A., *Chemical applications of group theory* (Interscience, 1964)
*Jaffe, H. H., and Orchin, M., Symmetry in chemistry* (Wiley, 1965)

567. ORGANIC CHEMISTRY A

568. ORGANIC CHEMISTRY B

Pre-requisite: Programme P5 or B2.

These courses involve two lectures per week during first and second terms respectively, dealing with synthetic methods, heterocyclic chemistry, carbohydrates, stereochemistry, amino acids, proteins, steroids, free-radical substitution, reactive molecules and intermediates in organic reactions. These courses are normally associated with laboratory work from Chemistry laboratory III (571).
Reference book:

569. STATISTICAL THERMODYNAMICS

Pre-requisites: Quantum chemistry (553) or Elementary quantum mechanics (508), Chemical thermodynamics (555).

A course of two lectures per week during first term dealing with the fundamentals of statistical thermodynamics and applications to physicochemical systems. The material includes the various distribution functions and partition functions, applications to ideal gases, harmonic oscillators, rigid rotators, electrons in solids; relations between partition functions and thermodynamic state functions; applications to chemical equilibrium; introduction to lattice statistics, and theory of solutions. This course is normally associated with laboratory work from Chemistry laboratory III (571).

Text book:
Hill, T. L., Introduction to statistical thermodynamics (Addison-Wesley, 1960)

Reference book:

570. QUANTUM CHEMISTRY AND MOLECULAR SPECTROSCOPY

Pre-requisite: Quantum chemistry (553) or Quantum mechanics B (523).

A course of two lectures per week during second term covering atomic states (term values), molecular electronic structures, molecular rotations, molecular vibrations. Molecular spectroscopy (including NMR, NQR, and ESR spectroscopy). Intermolecular forces. This course is normally associated with laboratory work from Chemistry laboratory III (571).

Reference books:
Brand, J. C. D., and Speakman, J. G., Molecular structure (Arnold, 1964)
Kaufman, E. D., Advanced concepts in physical chemistry (McGraw-Hill, 1966)
Margenau, H., and Murphy, G. M., The mathematics of physics and chemistry (Van Nostrand, 1964)

571. CHEMISTRY III LABORATORY

Twelve hours laboratory work during first term associated with the six courses above, illustrating the basic methods and techniques of inorganic, organic and physical chemistry.

572. ORGANIC CHEMISTRY C
573. ORGANIC CHEMISTRY D
574. ORGANIC CHEMISTRY E
575. ORGANIC CHEMISTRY F
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576. ORGANIC CHEMISTRY G

Pre-requisite: Organic chemistry B (568).

A group of courses of two lectures per week in first term and four lectures a week in second and third terms dealing with aromaticity, stereochemistry, synthetic methods, reaction mechanisms, chemical reactivity, the chemistry of natural products including terpenes, steroids, alkaloids, flavanoids, vitamins and antibiotics, biosynthesis, organometallics, photochemistry, and free radicals. These courses are normally associated with laboratory work from Organic chemistry laboratory (583).

Reference books:

577. SOLID STATE INORGANIC CHEMISTRY

Pre-requisite: Statistical thermodynamics (569).

A course of two lectures per week during third term dealing with the structure and properties of defects in solids, the mechanism of chemical reactions in solids, gross non-stoichiometry and shear structures, crystallography. This course is normally associated with laboratory work from Inorganic chemistry laboratory (582).

Reference books:
* Buerger, M. J., Crystal-structure analysis (Wiley, 1960)
* Galwey, A. K., Chemistry of solids (Chapman & Hall, 1967)
* Kröger, F. A., Chemistry of imperfect crystals (North-Holland, 1964)

578. INORGANIC CHEMISTRY C

Pre-requisite: Inorganic chemistry B (566).

A course of two lectures per week during third term dealing with the chemistry of the rare earths and the actinides. This course is normally associated with laboratory work from Inorganic chemistry laboratory (582).

Reference book:
* Topp, N. E., Chemistry of the rare earth elements (Elsevier, 1965)

579. SURFACE CHEMISTRY

Pre-requisite: Statistical thermodynamics (569).

This course will be first offered in 1969.

580. REACTION KINETICS

Pre-requisite: Statistical thermodynamics (569).

A course of two lectures per week during third term dealing with transition state theory, potential energy surfaces. Complex reactions, reactions in solution, homogeneous catalysis, photochemical reactions, radiation chemistry, heterogeneous reactions. This work is normally associated with laboratory work from Physical chemistry laboratory (584).
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Reference books:
*Harris, G. M., Chemical kinetics* (Heath, 1966)

**581. SOLID STATE SCIENCE B**

Pre-requisites: Electromagnetic theory (502) or Electricity and magnetism (506), Quantum mechanics A (504) or Optics and spectroscopy (507) or Quantum chemistry (553), Statistical mechanics (505) or Statistical thermodynamics (569).

A course of two lectures per week during third term, introducing further properties of the solid state including dielectric, magnetic, and optical properties of metals and insulators, and crystal imperfections. This course is normally associated with laboratory work from Physical chemistry laboratory (584) and Physics laboratory III (530).

*Text book:*

**582. INORGANIC CHEMISTRY LABORATORY**

Co-requisite: Chemistry laboratory III (571).

Laboratory work during second and third terms dealing with the more advanced methods and techniques of inorganic chemistry. This work is associated with courses 577 and 578, but is also relevant to 565 and 566.

**583. ORGANIC CHEMISTRY LABORATORY**

Co-requisite: Chemistry laboratory III (571).

Laboratory work during second and third terms dealing with experimental techniques of organic chemistry associated with courses 572-576. The total laboratory work will not exceed 12 hours per week including laboratory work associated with optional courses.

**584. PHYSICAL CHEMISTRY LABORATORY**

Co-requisite: Chemistry laboratory III (571).

Laboratory work during second and third terms dealing with the more advanced methods and techniques of physical chemistry. This work is associated with courses 580 and 581, but is also relevant to 569 and 570.

**The time required for laboratory courses 582 and 584 depends on the lecture courses elected for the programme, and on other work that may be required, such as essays or library projects. In any case, the total laboratory time in the second and third terms will not exceed twelve hours per week, including laboratory work that may be taken from Physics laboratory III. Where extra mathematics is taken in the programme, less time will be required for 582 and 584.**
SYLLABUSES—BIOLOGICAL SCIENCES

PART IV COURSES IN CHEMISTRY

595. HONOURS INORGANIC CHEMISTRY

596. HONOURS ORGANIC CHEMISTRY

597. HONOURS PHYSICAL CHEMISTRY

Honours students elect one of these three courses, depending upon which Part III Programme they have taken. Each course will comprise a research project upon which a report will be required, together with attendance at lectures, research colloquia and seminars which may be examined.

The work in Honours Inorganic and Honours Physical Chemistry is available in the general area of Solid State and Surface Chemistry. Enquiries should be directed to Professor J. R. Anderson.

The work in Honours Organic Chemistry is available in the fields of natural products, heterocyclic chemistry, stereochemistry, reaction mechanisms, and organometallics. Enquiries should be directed to Professor J. W. Clark-Lewis.

SCHOOL OF BIOLOGICAL SCIENCES

600. BIOLOGY I

The course comprises three lectures and three hours practical work a week. An introduction to the principles unifying modern biology. No previous knowledge of the subject will be assumed. Emphasis will be placed on the similarities in the life processes of plants and animals at the various levels of biological organization (molecular, cellular, whole organism, population).

Text books:
*Loewy, A. G., and Siekevitz, P., Cell structure and function (Holt, Rinehart and Winston)
*Coult, D. A., Molecules and cells (Longmans, 1966)

Reference books:
Watson, J. D., Molecular biology of the gene (Benjamin, 1965)
*Carter, C. O., Human heredity (Pelican)
*Epstein, H. T., Elementary biophysics: selected topics (Addison-Wesley)

601. BIOLOGY IA

The course comprises three lectures a week, and is identical with Biology I (600) except that it includes no practical work.

Text books and reference books: As for Biology I (600)
All students wishing to take a Programme in the School of Biological Sciences must include for Part II and Part III the following core of courses: Cell biology (603), Introduction to plant physiology (604), Introduction to animal physiology (605), Statistics for biologists (606), Population genetics (607), Ecology and evolution (615), and Developmental biology (616). The first five courses will normally be taken in Part II.

603. CELL BIOLOGY
A course of lectures, with practical work, on the principles of cellular biology. Special emphasis will be placed on the following topics:
Kinetic and thermodynamic studies of enzyme action and inhibition. Methods of enzymology and the study of metabolic pathways. Carbohydrate, protein, lipid, and nucleic acid metabolism. Biological control mechanisms; vitamins and hormones; biological oxidation and phosphorylation.

Text books:
*Clark, J. M., Experimental biochemistry (Freeman, 1964)
Whitehouse, H. L. K., Towards an understanding of heredity (Arnold, 1966)
Watson, J. D., Molecular biology of the gene (Benjamin, 1965)

Reference book:
Srb, A. M., Owen, R. D., and Edgar, R. S., General genetics, 2nd ed. (Freeman, 1965)

604. INTRODUCTION TO PLANT PHYSIOLOGY
A course of lectures, with practical work, on the principles of plant physiology.

605. INTRODUCTION TO ANIMAL PHYSIOLOGY
A course of lectures, with practical work, on the physiology of animals, with special reference to reproduction and the evolution of hormonal and nervous control systems.

Text books:
Barrington, E. J. W., Hormones and evolution (English Universities Pr., 1964)
*Dethier, V. D., and Stellar, E., Animal behavior, 2nd ed. (Prentice-Hall)
606. STATISTICS FOR BIOLOGISTS
A course of lectures, with practice classes, on elementary statistics. Change and probability; sampling; frequency distribution; tests of significance; comparison of means. Correlation. Analysis of variance.

Text books:
* Farratt, L. G., *Probability and experimental errors in science* (Wiley)
* Bailey, N. T. J., *Statistical methods in biology* (English Universities Pr.)

607. POPULATION GENETICS
A course of lectures, with laboratory work, on the principles of population genetics.

Genetic properties of populations. Effects of different breeding systems. Artificial and natural selection. Mendelian basis of quantitative characters. Microbial populations.

Reference books:
* Andrewartha, H. G., *Introduction to the study of animal populations* (Phoenix)
* Brewbaker, J. L., *Agricultural genetics* (Prentice-Hall)
* Hayes, W., *The genetics of bacteria and their viruses* (Blackwell)
* Li, C. C., *Population genetics* (Chicago Univ. Pr.)

608. EVOLUTION OF PLANT STRUCTURE AND FUNCTION
A course of lectures, with practical work, on the evolution of plants, with special reference to structural adaptations in relation to environment.

609. PLANT PHYSIOLOGY
A lecture and seminar course on topics of current research in plant physiology.

610. ANIMAL PHYSIOLOGY
A course of lectures and practical classes dealing with the physiology of organ systems other than the nervous and reproductive systems (which are covered in course 605). The comparative approach to physiology is emphasized.

Reference books:
* Florey, E., *An introduction to general and comparative animal physiology* (Saunders, 1966)

615. ECOLOGY AND EVOLUTION
A course of lectures, with practical work, on principles of ecology, and adaptation within populations.

Text book:
* Andrewartha, H. G., *Introduction to the study of animal populations* (Phoenix)

Reference books:
* Ford, E. B., *Ecological genetics* (Methuen, 1964)
616. DEVELOPMENTAL BIOLOGY
A course of lectures, with practical work, on the principles of developmental biology.
Morphogenesis in plants and animals; differentiation; regeneration and transplantation; control mechanisms during development; normal and abnormal growth.

Text books:
* Ebert, J. D., *Interacting systems in development* (Holt, Rinehart and Winston, 1965)

Reference books:
* Barth, L. J., *Development: selected topics* (Addison-Wesley, 1964)

617. CELL PHYSIOLOGY
A course of lectures, laboratory work and projects on cellular aspects of plant and animal physiology. A more advanced study of topics in Cell Biology (603), including ion and water transport, comparative studies; radiation absorption and transfer in pigments; electrophysiology.

618. BIOPHYSICS
A course of lectures, laboratory work and projects on cellular and molecular biophysics. Ion and water transport; radiation effects; steady-state thermodynamics of transport processes; mathematical models of membrane events. The first portion of this course is identical to Cell Physiology (617).

Text books:
Ackerman, E., *Biophysical science* (Prentice-Hall)
* Hope, A. B., *Ion transport and membranes* (Iliffe; in press)

619. MOLECULAR BIOPHYSICS
A reading course with tutorials in molecular biophysics.

620. BIOCHEMISTRY
A course of three lectures and an average of six hours practical work each week. There will be an emphasis on individual research projects.
The main sections of the course will be on biochemical control mechanisms and bioenergetics. There will be more advanced studies of the enzymology and regulation of nucleic acid and protein synthesis; amino acid, carbohydrate and lipid metabolism; mechanisms of enzyme action and the natural and artificial regulation of metabolic pathways; biological oxidation, phosphorylation and related reactions; biochemical thermodynamics.

Text books:

621. ENZYMOLOGY AND GENERAL METABOLISM
This comprises the first term lectures of Biochemistry (620).
SYLLABUSES—BIOLOGICAL SCIENCES

622. BIOENERGETICS
This comprises the second term lectures of Biochemistry (620).

623. BIOCHEMICAL CONTROL MECHANISMS
This comprises the third term lectures of Biochemistry (620).

624. GENETICS
A course of two lectures and six hours practical work each week.
Formal cytology and genetics; the evolution of genetic systems; physiological and developmental genetics.

Text books:
Hayes, W., *The genetics of bacteria and their viruses* (Blackwell, 1965)
Swanson, C. P., *Cytology and cytogenetics* (Macmillan, 1957)

625. EXPERIMENTAL CYTOLOGY
A course of lectures, with practical work, seminars and projects, designed to acquaint students with current concepts of cell structure and the techniques used in cytological research.

Text book:
*Baker, J. R., Cytological techniques* (Methuen, 1966)

PART IV COURSES IN BIOLOGY

Candidates for the Honours courses in Biology are required to show a more detailed knowledge than is required for the Ordinary Degree, and to pass a more stringent examination. Some particular field of Biology will be studied more intensively and research work will be undertaken. Candidates are required to give their full time for at least an entire academic year to their studies.

The following courses will be available in 1968.

640. HONOURS BIOCHEMISTRY
The course will include lectures and seminars on the natural and artificial control of enzyme action, growth and morphogenesis; cellular thermodynamics; the relationship of biological oxidation to nucleotide metabolism, oxidative phosphorylation and ion transport.

Enquiries should be directed to Professor M. R. Atkinson.

Text books:

641. HONOURS BIOPHYSICS
The course will include lectures and seminars on membrane phenomena, excitability, transduction, water in biological systems, effects of radiation on cells, and the shape of molecules in relation to biophysical phenomena.

Enquiries should be directed to Professor A. B. Hope.
SYLLABUSES—BIOLOGICAL SCIENCES

642. HONOURS BIOSYSTEMATICS
The course will include lectures and seminars on chromosome systems, reproduction and evolutionary mechanisms in higher plants.
Enquiries should be directed to Professor A. M. Clark.

643. HONOURS CELL PHYSIOLOGY
The course will include lectures, seminars and experimental projects on physical and chemical aspects of the behaviour of cells, particularly nerve and muscle action, ion transport and membrane control of molecular traffic.
Enquiries should be directed to Professor A. B. Hope.

644. HONOURS DEVELOPMENTAL BIOLOGY
The course will include lectures and seminars on the experimental analysis of development.
Enquiries should be directed to Professor A. M. Clark.

645. HONOURS EXPERIMENTAL CYTOLOGY
The course will include lectures and seminars on the application of physical and chemical analytical techniques for the study of cellular organization and functions.
Enquiries should be directed to Professor A. M. Clark.

646. HONOURS GENETICS
The course will include lectures and seminars on biochemical and developmental genetics, immunogenetics and mutagenesis.
Enquiries should be directed to Professor A. M. Clark or Professor J. A. Pateman.
SUMMARY OF COURSES

School of Physical Sciences

PART I COURSES

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<tr>
<th>NO.</th>
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PART II AND PART III COURSES

NOTE: For 1968 only, the following pre-requisites are acceptable alternatives:


Physics IS in lieu of Physics I.

An asterisk (*) denotes the pre-requisite course must have been passed at a sufficiently high standard.

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**Applied Mathematics**

**Part II**

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**Part III.**

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<td>468</td>
<td>Transforms (1969, 1971, . . .)</td>
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### SUMMARY OF COURSES

**SUMMARY OF COURSES—School of Physical Sciences—continued.**

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<td>Linear programming</td>
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<td>472</td>
<td>Special functions</td>
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<td>Dynamic meteorology (1969, 1971, ...)</td>
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**PHYSICS**

### Part II

All Part II Physics lecture courses have Advanced calculus (418) or Real analysis (411) as a co-requisite.

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<td>504</td>
<td>Quantum mechanics A</td>
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### SUMMARY OF COURSES

**Summary of Courses—School of Physical Sciences—continued.**

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**Part II**

All Part II Chemistry courses have Physics I (500) as a pre-requisite.

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Easton, Alan Keith, M.Sc. 1967
*Ligertwood, Hon. Sir George Coutts, Hon.D.Litt. 1967
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Oliver, Janet Mary, B.Sc. 1967
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* Deceased
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