the University of Auckland

Calendar 1980
ALL DEPARTMENTS AND THEIR STREET ADDRESSES ARE LISTED AT THE BACK OF THE CALENDAR.
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**Official Address**

The correspondence of the University is conducted by the Registrar, and all communications on University matters should be addressed as follows,

The Registrar  
The University of Auckland  
Private Bag, Auckland  
New Zealand  

Telegram and Cables should be addressed as follows:  
University Auckland  
Telephone: 792-300.
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THE CALENDAR YEAR 1980

January 1980

Tuesday 1       New Year's Day
Wednesday 2     Public Holiday
Thursday 3       Registry opens
Thursday 10     Applications close for:

- Pre-enrolment as an internal student for: Architecture and Town Planning, BArch 1st Professional, DipVal Intermediate and First Professional, BTP, First Town Planning Examination (for first time), DipTP (for the first time), MTP; Arts: Accounting Stage I; Commerce: BCom Part I (any paper), Accounting Stage I papers and Commercial Law I for any Course of Study, DipBIA (for the first time), Management Studies 72.200 (for any Course of Study except BCom); Engineering: BE First Professional (for the first time); Fine Arts: BFA, MFA (first-year only; Law: Accounting Stage I papers for Intermediate, LLB and LLB (Hons) (except Intermediate), LLM, MJur, DipCrim, Law Professional; Science: DipOpt Division II (for the first time).

- Enrolment as an Extramural student.
- Provisional Admission.
- Special Admission for DipBIA and DipTP.
- Terms carried forward.
- Permission to re-enrol because of failure to make satisfactory academic progress.
- Permission to transfer to the University of Auckland from another University in New Zealand including students wishing to complete another University course.

Monday 14       Liaison Office opens for arranging appointments.
Sunday 20       Applications close for:

- Pre-enrolment as an internal student for:
  - Arts: All students in Music except those advancing beyond Stage I, *Anthropology, *Art History (all papers), *Maori Studies 04.101 and 04.302, *Psychology (Stage I papers), Sociology MA, option (ii), *Spanish 45.100, 45.101, DipDrama.
  - *NOTE: If 1980 will be your first year of enrolment at a University, you do NOT need to pre-enrol.
  - Music: All students other than BMus (for the first time), BMus (Performance) (for the first time), and DipMus (for the first time) (including those who have been interviewed for a Performance Course and have a confirmed place). Science: Biochemistry 66.201, 66.301, 66.302, Biology 211, 207/307, 213, 316, Zoology 202, 302, 310, Zoology MSc (for the first time), DipComMaths, *Psychology.
  - (Stage I papers — see NOTE above).

Monday 28       Auckland Anniversary Day Holiday.
Thursday 31     Applications close for:

- Admission Ad Eundem Statum by overseas students wishing to enrol for the first time in 1980 in a graduate course.

- Last day for LATE applications for:
  - Terms carried forward provided a late fee of $5 is paid.
  - Pre-enrolment for BHB II and III, MBChB I and II.
  - Provisional and Special Admission provided a late fee of $10 is paid.
  - Permission to re-enrol because of failure to make satisfactory progress provided a late fee of $10 is paid.
  - Permission to transfer to the University of Auckland from another University in New Zealand provided a late fee of $20 is paid.
  - Permission to re-enrol for courses for which pre-enrolment was required by 10 January or 20 January provided a late fee of $10 is paid.

1980 Calendar
February 1980

Tuesday 5  Meeting of Appointments Committee 9.00.
Wednesday 6  New Zealand Day.
Thursday 7  Meeting of Computer Committee 9.00.
            Meeting of Works Committee 3.00.
Monday 11  Meeting of Deans Committee 9.30.
            Meeting of Education Committee 3.30.
Tuesday 12  Meeting of Research Committee 10.00.
Thursday 14  Meeting of Theatre Management Sub-Committee 3.30.
Monday 18  Opening of General Information and Advisory Centre in Student Union
            Building, 9 a.m.-5 p.m. Mon.-Fri.
            Meeting of Academic Committee 9.30.
            Meeting of Press Committee 2.00.
            Meeting of Council 4.00.
Thursday 21  Meeting of Leave & Conference Sub-Committee 10.00.
            Meeting of Public Relations & Cultural Activities Committee 3.30.
Friday 22  Meeting of Audio-Visual Committee 10.00.
Monday 25  Enrolment Week begins.
            Times for enrolment for the various Faculties are set out under General
            Student and Staff Information, Enrolment 1980.
            Meeting of Student Accommodation Committee 3.30.
Tuesday 26  Meeting of Student Union Management Committee 3.00.
            Meeting of Joint Relations Committee 4.30.
Thursday 28  Candidates who have not presented theses, essays, dissertations, and origi
            nal investigations to complete their Degree or Diploma by this date are
            required to re-enrol and are not entitled to have their Degree conferred or
            Diploma presented at the Graduation Ceremony in May.
            Meeting of Finance Committee 3.30.
Friday 29  Enrolment Week ends.
            General Information and Advisory Centre closes.

March 1980

Saturday 1  Alterations to Courses of Study; for closing dates see Reg. 7 Enrolment
            and Course Regulations (General).
            Enrolments (with fees) close with the Registrar for the June examination
            for DipG&O and DipObst.
Monday 3  First Term and First Engineering Semester begins.
Tuesday 4  Meeting of Appointments Committee 9.00.
Thursday 6  Meeting of Works Committee 3.00.
Monday 10  Meeting of Senate 9.30.
            Meeting of Education Committee 3.30.
Tuesday 11  Meeting of Library Committee 9.30.
Thursday 13  Meeting of Recreation Sub-Committee 3.30.
Monday 17  Meeting of Deans Committee 9.30.
            Meeting of Council 4.00.
Tuesday 18  Meeting of Research Committee 10.00.
Wednesday 19  Meeting of Computer Committee 9.00.
Friday 21  Meeting of Audio-Visual Committee 10.00.
Monday 24  Meeting of Academic Committee 9.30.
            Meeting of Press Committee 2.00.
            Meeting of Student Welfare Committee 3.30.
Tuesday 25  Meeting of Student Union Management Committee 4.00.
            Meeting of Joint Relations Committee 4.30.
Thursday 27  Meeting of Leave & Conference Sub-Committee 10.00.
            Meeting of Finance Committee 3.30.
Monday 31  Last day for withdrawals from Courses (not including DipG&O, DipPaed,
            DipObst final year for MBChB).
            Last day for LATE applications for extramural enrolment (Auckland sub-
### April 1980

**Tuesday 1**
- Last day for withdrawal from the Course for DipG&O and for DipObst for the June examinations.
- Meeting of Appointments Committee 9.00
- Good Friday.

**Friday 4**
- Easter Recess begins.

**Monday 7**
- Easter Monday.

**Tuesday 8**
- University closed.

**Wednesday 9**
- Lectures resume after Easter recess.

**Thursday 10**
- Meeting of Works Committee 3.00.

**Monday 14**
- Meeting of Deans Committee 9.30.
- Meeting of Education Committee 3.30.

**Tuesday 15**
- Meeting of Research Committee 10.00.

**Wednesday 16**
- Meeting of Computer Committee 9.00.

**Thursday 17**
- Meeting of Theatre Management Sub-Committee 3.30.

**Friday 18**
- Meeting of Audio-Visual Committee 10.00.

**Monday 21**
- Meeting of Academic Committee 9.30.
- Meeting of Press Committee 2.00.
- Meeting of Council 4.00.

**Thursday 24**
- Meeting of Leave & Conference Sub-Committee 10.00.
- Meeting of Finance Committee 3.30.

**Friday 25**
- Anzac Day.

**Monday 28**
- Meeting of Public Relations & Cultural Activities Committee 3.30.

**Tuesday 29**
- Meeting of Appointments Committee 9.00.
- Meeting of Student Union Management Committee 3.00.
- Meeting of Joint Relations Committee 4.30.

### May 1980

**Thursday 1**
- Meeting of Works Committee 3.00.

**Monday 5**
- Meeting of Senate 9.30.
- Meeting of Student Accommodation Committee 3.30.

**Thursday 8**
- Convocation for the Conferring of Degrees.
- Graduation Ceremony.

**Friday 9**
- Convocation for the Conferring of Degrees.
- Graduation Ceremony.

**Saturday 10**
- Engineering Study Break begins.

**Monday 12**
- Meeting of Education Committee 3.30.

**Thursday 15**
- Meeting of Recreation Sub-Committee 3.30.

**Monday 19**
- Meeting of Deans Committee 9.30.
- Meeting of Council 4.00.

**Tuesday 20**
- Meeting of Research Committee 10.00.

**Wednesday 21**
- Meeting of Computer Committee 9.00.
- Meeting of Audio-Visual Committee 10.00.

**Friday 23**
- Engineering Study Break ends.

**Saturday 24**
- Meeting of Academic Committee 9.30.

**Monday 26**
- Meeting of Press Committee 2.00.

**Tuesday 27**
- Meeting of Student Union Management Committee 3.00.
- Meeting of Joint Relations Committee 4.30.

**Thursday 29**
- Meeting of Leave & Conference Sub-Committee 10.00.
- Meeting of Finance Committee 3.30.

### June 1980

**Sunday 1**
- Applications close for Commonwealth Scholarships (Australia).
- Queen's Birthday Holiday.

**Monday 2**
- Second Term begins.

**Tuesday 3**
- Meeting of Appointments Committee 9.00.
- Meeting of Student Welfare Committee 3.30.
- Meeting of Senate 9.30.

**Monday 9**
- Meeting of Library Committee 9.30.
General Information, Calendar Year 1980

Thursday 12
Meeting of Works Committee 3.00.
Meeting of Deans Committee 9.30.
Meeting of Education Committee 3.30.
Tuesday 17
Meeting of Research Committee 10.00.
Wednesday 18
Meeting of Computer Committee 9.00.
Thursday 19
Meeting of Theatre Management Sub-Committee 3.30.
Friday 20
Meeting of Audio-Visual Committee 10.00.
Monday 23
First Engineering Semester ends.
Meeting of Academic Committee 9.30.
Meeting of Council 4.00.
Tuesday 24
Meeting of Joint Relations Committee 4.30.
Thursday 26
Meeting of Leave & Conference Sub-Committee 10.00.
Meeting of Public Relations & Cultural Activities Committee 3.30.
Friday 27
Engineering examinations begin.
Monday 30
Applications close for admission in 1981 for BMus(Performance) (for the first time), and DipMus (for the first time).
Meeting of the Senate 9.30.
Meeting of Student Accommodation Committee 3.30.

July 1980
Tuesday 1
Applications close with Overseas Students Admissions Committee for Candidates seeking recognition of overseas education qualifications at entrance standard for the 1981 Academic Year.
Meeting of Appointments Committee 9.00.
Meeting of Student Union Management Committee 3.30.
Thursday 3
Meeting of Finance Committee 3.30.
Monday 7
Mid-term Study Break begins.
Meeting of Works Committee 3.00.
Thursday 10
Mid-year examinations in Science and other Faculties begin.
Saturday 12
Mid-term Study Break ends.
Monday 14
Meeting of Deans Committee 9.30.
Meeting of Education Committee 3.30.
Tuesday 15
Meeting of Research Committee 10.00.
Wednesday 16
Meeting of Computer Committee 9.00.
Thursday 17
Meeting of Recreation Sub-Committee 3.30.
Friday 18
Meeting of Audio-Visual Committee 10.00.
Monday 21
Second Engineering Semester begins.
Meeting of Academic Committee 9.00.
Meeting of Press Committee 2.00.
Meeting of Council 4.00.
Tuesday 22
Meeting of Library Committee 9.30.
Tuesday 29
Meeting of Appointments Committee 9.00.
Meeting of Joint Relations Committee 4.30.
Thursday 31
Applications close with Registrar for Rhodes Scholarships, Examination entries (with fees) for Sinclair, Gillies an Lissie Rathbone Scholarships (Entrance level) to be sent to the Secretary, Examination Board, Box 12-348, Wellington North, by this date.
Meeting of Leave & Conference Sub-Committee 10.00.
Meeting of Finance Committee 3.30.

August 1980
Monday 4
Meeting of Senate 9.30.
Meeting of Student Welfare Committee 3.30.
Meeting of Student Union Management Committee 3.30.
Tuesday 5
Meeting of Works Committee 3.00.
Monday 11
Meeting of Deans Committee 9.30.
Meeting of Education Committee 3.30.
Tuesday 12
Meeting of Research Committee 10.00.
Wednesday 13
Meeting of Computer Committee 9.00.
Thursday 14
Meeting of Theatre Management Sub-Committee 3.00.
Friday 15
Meeting of Audio-Visual Committee 10.00.


**1980 Calendar**

### Second Term ends.
- **Monday 18**
  - Meeting of Academic Committee 9.30.
  - Meeting of Press Committee 2.00.
  - Meeting of Council 4.00.
- **Thursday 21**
  - Meeting of Public Relations & Cultural Activities Committee 3.30.

### Engineering Study Break begins.
- **Monday 25**
  - Meeting of Joint Relations Committee 4.30.
- **Tuesday 26**
  - Meeting of Leave & Conference Sub-Committee 10.00.

### Second Term ends.
- **Saturday 30**
  - Meeting of Academic Committee 9.30.
  - Meeting of Press Committee 2.00.
  - Meeting of Council 4.00.
  - Meeting of Public Relations & Cultural Activities Committee 3.30.

### Engineering Study Break begins.
- **Monday 25**
  - Meeting of Joint Relations Committee 4.30.
- **Tuesday 26**
  - Meeting of Leave & Conference Sub-Committee 10.00.

### September 1980
- **Monday 1**
  - Enrolments (with fees) close with the Registrar for the December examinations for DipG&O and DipObst.
  - Meeting of Senate 9.30.
- **Tuesday 2**
  - Meeting of Student Accommodation Committee.
  - Meeting of Appointments Committee 9.00.
- **Thursday 4**
  - Meeting of Student Union Management Committee 3.00.
- **Monday 8**
  - Meeting of Finance Committee 3.30.
  - **Third Term begins.**
- **Tuesday 9**
  - Last day for Notification of 'Ceased Lectures'.
  - Meeting of Library Committee 9.30.
- **Thursday 11**
  - Meeting of Works Committee 3.00.
- **Monday 15**
  - Meeting of Deans Committee 9.30.
  - Meeting of Education Committee 3.30.
- **Tuesday 16**
  - Meeting of Research Committee 10.00.
  - Meeting of Computer Committee 9.00.
- **Wednesday 17**
  - Meeting of Recreation Sub-Committee 3.30.
  - Meeting of Academic Committee 9.30.
- **Thursday 18**
  - Meeting of Finance Committee 3.30.
- **Friday 19**
  - Meeting of Press Committee 2.00.
  - Meeting of Council 4.00.
- **Tuesday 23**
  - Meeting of Joint Relations Committee 4.30.
- **Wednesday 24**
  - Meeting of Promotions Advisory Committee 9.00.
- **Thursday 25**
  - Meeting of Leave & Conference Sub-Committee 10.00.
- **Monday 29**
  - **Engineering Study Break begins.**
- **Tuesday 30**
  - Applications close for Admission Ad Eundem Statum by overseas students wishing to enrol for the first time in 1981 in undergraduate courses.
  - Meeting of Appointments Committee 9.00.

### October 1980
- **Wednesday 1**
  - Applications close with the Registrar for Commonwealth (U.K. and Canada), Postgraduate with some Auckland Scholarships.
  - Last day for withdrawal from the Course DipG&O and DipObst for the December examination.
  - Applications close for entry to the course for BHB (for the first time) and for DipPaed for 1981.
  - Meeting of Promotions Advisory Committee 9.00.
  - Meeting of Finance Committee 3.30.
- **Thursday 2**
  - Meeting of Student Welfare Committee 3.30.
- **Saturday 4**
  - Engineering Study Break ends.
- **Monday 6**
  - Meeting of Senate 9.30.
- **Tuesday 7**
  - Meeting of Library Committee 9.30.
  - Meeting of Student Management Committee 3.00.
- **Thursday 9**
  - Meeting of Works Committee 3.00.
  - Lectures end approximately.
- **Friday 10**
  - Meeting of Deans Committee 9.30.
  - Meeting of Education Committee 3.30.
  - Meeting of Research Committee 10.00.
- **Tuesday 14**
  - Applications close for entry or re-admissions to University to enrol for the first time for MMedSc for 1981.
  - Meeting of Computer Committee 9.00.
- **Wednesday 15**
  - Meeting of Theatre Management Sub-Committee 3.00.
- **Thursday 16**
  - Meeting of Audio-Visual Committee 10.00.
General Information, Calendar Year 1980

Monday 20
- Internal Degree and Diploma Examinations begin this week.
- Meeting of Academic Committee 9.30.
- Meeting of Press Committee 2.00.
- Meeting of Council 4.00.

Tuesday 21
- Meeting of Joint Relations Committee 4.30.

Thursday 23
- Meeting of Leave & Conference Sub-Committee 10.00.
- Meeting of Public Relations & Cultural Activities Committee 3.30.

Monday 27
- Labour Day Holiday.

Tuesday 28
- Meeting of Appointments Committee 9.00.

Thursday 30
- Meeting of Finance Committee 3.30.

Friday 31
- Third Term ends.
- Applications close for some Auckland Scholarships.
- Applications close for entry to the Course for DipEdPsych, DipClinPsych (for the first time).

November 1980

Saturday 1
- Applications close for most remaining Auckland Scholarships. Candidates for a Master's Degree must present theses and dissertations by this date except by special permission of Head of Department. DipEd and DipEdPsych candidates must present their original investigations and written reports to the Registrar by this date.
- Last day for withdrawal from Course for DipPaed.
- Applications close for accommodation for University Halls of Residence for 1981.

Monday 3
- Second Engineering Semester ends.
- Meeting of Senate 9.30.
- Meeting of Student Accommodation Committee 3.30.

Tuesday 4
- Meeting of Student Union Management Committee 3.00.

Thursday 6
- Meeting of Works Committee 3.00.

Friday 7
- Engineering Examinations begin.

Monday 10
- Meeting of Dean’s Committee 9.30.
- Meeting of Education Committee 3.30.

Tuesday 11
- Meeting of Research Committee 10.00.

Wednesday 12
- Meeting of Computer Committee 9.00.

Thursday 13
- Meeting of Recreation Sub-Committee 3.30.

Friday 14
- Meeting of Academic Committee 9.30.

Monday 17
- Meeting of Press Committee 2.00.
- Meeting of Council 4.00.
- Meeting of Leave & Conference Sub-Committee 10.00.
- Meeting of Finance Committee 3.30.

Monday 24
- Meeting of Student Welfare Committee 3.30.

Tuesday 25
- Meeting of Appointments Committee 9.00.
- Meeting of Student Union Management Committee 3.00.
- Meeting of Joint Relations Committee 4.30.

Thursday 27
- Meeting of Works Committee 3.00.

Sunday 30
- Applications close for entry to BMus (for the first time) and for Music for BA for students intending to advance Music beyond Stage I, BMus (Performance) (Honours), DipMus (Honours). MA and MPhil in Music.
- Applications close for entry to DipGuid.

December 1980

Monday 1
- Meeting of Senate 9.30.
- Meeting of Education Committee 3.30.

Wednesday 3
- Meeting of Dean’s Committee (Scholarships) 9.30.

Monday 8
- Meeting of Dean’s Committee 9.30.
- Meeting of Council 4.00.
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UNIVERSITY PERSONNEL

OFFICERS OF THE UNIVERSITY

Visitor HIS EXCELLENCY THE GOVERNOR-GENERAL

Chancellor G. D. SPEIGHT (The Hon. Mr Justice) LLB N.Z.

Pro-Chancellor M. J. A. BROWN, LLB

Vice-Chancellor C. J. MAIDEN, ME N.Z., DPhil Oxf.

Deputy Vice-Chancellor T. N. M. WATERS, MSc PhD N.Z., DSc, FNZIC

Registrar D. W. PULLAR, BCom N.Z., ACA

THE COUNCIL OF THE UNIVERSITY

J. A. ASHER, Bundesverdienstkreuz I. Klasse, RNO Sweden, Goethe Med. Munich, MA N.Z., DrPhil Basle
Professor of Germanic Languages and Literature, appointed by the Senate (Retires 31-1-81)

P. F. BALLANCE, BSc PhD Lond.
Elected by the Full-Time lecturers (Retires 31-1-81)

G. S. BECA, DFC, BE N.Z., FNZIE, FICE, FIE Aust., MASCE
Elected by Graduates (Retires 30-6-81)

M. J. A. BROWN, LLB
Appointed by the Governor-General in Council (Retires 30-6-82)

JOAN S. CHAPPLE, MBChB N.Z., FRAGS
Elected by Graduates (Retires 30-6-83)

W. H. COOPER, CBE, MA N.Z., Hon. LLD
Appointed by the Council (Retires 31-12-79)

H. H. CRAIG, MBE, MA BSc N.Z.
Elected by the governing bodies of secondary schools within the Auckland University District
(Retires 31-12-79)

R. H. L. FERGUSON, MBChB N.Z., DO Lond., FRCS, FRACS
Appointed by the Governor-General in Council (Retires 30-6-80)

A. M. FINLAY, QC, LLM N.Z., PhD Lond.
Elected by Graduates (Retires 30-6-83)

JENNIFER GIBBS, (Mrs), MA N.Z.
Appointed by the Governor-General in Council (Retires 30-6-81)

B. S. GUSTAFSON, MA N.Z., DipEd Massey, DipSovStud Glas., PhD
Appointed by the Senate (Retires 31-1-82)

K. J. HOLLYMAN, MA N.Z., DU Paris
Professor of French, appointed by the Senate (Retires 31-1-81)

J. H. INGRAM, N.Z., FNZIE, FAIMM, MIMechE.
Appointed by the Council (Retires 31-3-82)
16

General Information. Officers of the University. The Council

A. C. KIBBLEWHITE, MSc N.Z., DIC, PhD Lond., FInstP, FASA
Professor of Geophysics, appointed by the Senate (Retires 31-1-82)

C. J. MAIDEN, ME N.Z., DPhil Oxf., (Vice-Chancellor)
Ex officio

R. G. McELROY, CMG, Chevalier de la Légion d'Honneur, PhD Camb., LLD, N.Z.,
Hon LittD, FRSA
Appointed by the Council (Retires 20-10-80)

DIERDRE G. MILNE, LLB Well., MA
Elected by Graduates (Retires 30-6-83)

K. G. HAGUE, BA, (President of the Students' Association)
Ex officio

SIR DOVE-MYER ROBINSON, KBE, FNZIM, MRSH (Mayor of Auckland)
Ex officio
(Nominee for 1980 — W. J. STREVENS, BCom N.Z., BA

K. SINCLAIR, MA PhD N.Z., LittD,
Professor of History, appointed by the Senate (Retires 31-1-82)

G. D. SPEIGHT (The Hon. Mr Justice), LLB N.Z., (Chancellor)
Elected by Graduates (Retires 30-6-81)

A. E. WRIGHT
Appointed by the Students' Association (Retires 30-6-80)

DOROTHY G. WINSTONE, (Mrs), CMG, BA DipEd N.Z.
Elected by Graduates (Retires 30-6-81)

1980 Calendar
THE SENATE OF THE UNIVERSITY

Chairman: THE VICE-CHANCELLOR

ALL PROFESSORS (and their equivalents)

HEADS OF DEPARTMENTS AND ACTING HEADS OF DEPARTMENTS (sub-professorial).

DEANS (not being members of the professorial staff).

LIBRARIAN

LIAISON OFFICER

C. H. MACLAURIN

ELECTED MEMBERS OF THE SUB-PROFESSORIAL STAFF (three from the Faculty of Arts; two from the Faculty of Science; one each from the Faculties of Architecture and Town Planning, Commerce, Engineering, Fine Arts, Law, Medicine and Human Biology, Music and from the Centre for Continuing Education).

Faculty of Arts
G. W. A. BUSH (Retires 31-1-82)
L. J. HOLT (Retires 31-1-82)
B. GUSTAFSON (Retires 31-1-81)

Faculty of Architecture and Town Planning
I. E. GEORGE (Retires 31-1-81)

Faculty of Commerce
M. A. PERKINSON (Retires 31-1-82)

Faculty of Engineering
R. M. SHARP (Retires 31-1-82)

Faculty of Fine Arts
A. GARCIA-ALVAREZ (Retires 31-1-81)

Faculty of Law
K. A. PALMER (Retires 31-1-81)

Faculty of Medicine and Human Biology
A. M. ROBERTON (Retires 31-1-82)

Faculty of Music
C. W. J. DRAKE (Retires 31-1-81)

Faculty of Science
A. R. BELLAMY (Retires 31-1-81)
M. D. JOHNS (Retires 31-1-82)

Centre for Continuing Education
A. A. MORRISON (Retires 31-1-81)

FOUR STUDENT MEMBERS (nominated by Auckland University Students' Association).
J. PALMER (Retires 30-4-80)
JILLIAN FREWIN (Retires 30-4-80)
CAROLYN McGINLEY, (Mrs), (Retires 31-10-80)
P. R. SHEARER (Retires 31-10-80)

1980 Calendar
DEANS

Dean of the Faculty of Architecture and Town Planning
A. A. WILD, BArch N.Z., FNZIA, RIBA

Dean of the Faculty of Arts
P. N. TARLING, MA PhD LittD Camb., FRAS, FRHistS

Deputy Deans of the Faculty of Arts
A. H. MCNAUGHTON, MA Calif. & N.Z., PhD Calif., DipEd N.Z.
E. P. AIMER, MA N.Z., PhD A.N.U.
I. K. LILLY, MA Cant. & Monash, PhD Wash.

Dean of the Faculty of Commerce
G. L. D. MORRIS, BCom BCA Well.

Deputy Deans of the Faculty of Commerce
M. S. PUTTERILL, MBA PhD Cape T., CA, FCMA
J. C. ELMSLY, MA N.Z., MNZPsS

Dean of the Faculty of Engineering
Associate Dean of the Faculty of Engineering
R. A. CALLANDER, BE N.Z., PhD, FNZIE

Dean of the Faculty of Fine Arts
J. D. SAUNDERS, DipFA N.Z., MSIA, DipIndustDesign, NDD, FNZSID, FRSA

Sub Dean of the Faculty of Fine Arts
R. W. ELLIS, ARCA, RBA, MNZSSP

Dean of the Faculty of Law
J. F. NORTHEY, BA LLM N.Z., DJur Tor., LLD

Sub Deans of the Faculty of Law
NADJA TOLLEMACHE, (Mrs), MA Oxf.
D. W. McMORLAND, PhD Camb., LLM

Dean of the Faculty of Medicine and Human Biology
D. S. COLE, BMedSc MBChB N.Z., FRCS, FRACS

Deputy Dean of the Faculty of Medicine and Human Biology
C. H. MACLAURIN, MBChB N.Z., FRCS, FRACS

Dean of the Faculty of Music
P. D. H. GODFREY, MA MusB Camb., Hon FRSCM, FRCO, ARCM

Dean of the Faculty of Science
A. C. KIBBLEWHITE, MSc N.Z., DIC, PhD Lond., FInstP

Deputy Deans of the Faculty of Science
M. J. J. LENNON, PhD M.I.T., MSc
G. K. SCOTT, BSc Manc., PhD Edin.
UNIVERSITY STAFF

Dates given are dates of taking up full-time appointment. Where Degrees and Diplomas are shown without the name of the awarding university, the university is Auckland. List prepared 1-11-79.

ACCOUNTANCY

Professor, Head of Department
1960 J. B. TABB, BCom N.Z., PhD Sheff., MCom, FCA
Professor
Associate-Professors
1958 J. E. FIELD, MCom N.Z., ACA, CMA
1968-71, 1975 D. M. EMANUEL, MCom, ACA
1965 W. L. FARRANDS, BCom LLB N.Z., LLM, ACA
1978 M. S. PUTTERILL, MBA PhD Cape T., CA, FCMA

Senior Lecturers
1971 I. G. EAGLES, BA LLB Q'ld., LLM
1971 P. J. VENTURI, ACA, CMA, ACCA, ACIS, ACIS
1971 M. A. PERKINSON, MCom, ACA
1973 ANNE WEBB, (Mrs), LLB Nott.
1973 SALLY B. WALL, (Mrs), BCom N.Z., ACA, ACIS, CMA
1976 A. M. FAIRFIELD, MCom, ACA
1977 C. R. BEAVEN, MCom LLB, ACA, ACIS
1977 I. C. STEWART, BCA Well., PhD N.E., MCom, ACA

Lecturers
1975 G. A. HARRIS, LLB MJur
1976 PAULETTE A. JAY, (Mrs), BSc Penn., MCom, CPA, ACA
1979 ELIZABETH M. HICKEY, MCom, ACA, ACIS
1979 JOHANNA C. VROEGOP, LLB
1979 CATHARINE L. WATSON, LLB
1979 T. D. WISE, BCom Cant., ACA, CMA

Senior Tutors
1973 C. B. FRANKHAM, BCom N.Z., MCom, ACA
1977 J. B. STEVENSON, BA N.Z., MCom P.N.G., ACA
Tutor in Accounting
1979 KATHRYN G. CAIRD, (Mrs), BSc Otago, BCom

ANTHROPOLOGY

Professor of Prehistory, Head of Department
1961-66, 1973 R. C. GREEN, BA BSc New Mexico, PhD Harv., FRSNZ
Professor of Social Anthropology
Professor of Maori Studies and Oceanic Linguistics
1952 B. G. BIGGS, MA N.Z., PhD Indiana, FRSNZ
Associate-Professor of Ethnomusicology
1973 M. E. McLEAN, MA N.Z., PhD Otago
Associate-Professor of Social Anthropology
1966 A. B. HOOPER, MA N.Z., PhD Harv.
Associate-Professor of Linguistics
1965 A. K. PAWLEY, BA N.Z., MA PhD

Senior Lecturers in Social Anthropology
1972 NANCY E. BOWERS, BS PhD Col.
1973 JUDITH W. HUNTSMAN, AB PhD Bryn Mawr, MA Brown
1972 M. R. RIMOLDI, BA Dip Anth Syd., PhD A.N.U.
1973 M. ANNE SALMOND, MA PhD Penn.
1972 S. S. WEBSTER, BA Minn., PhD Wash.
1976 G. A. ROGERS, BA Otago, MA PhD (on leave)

Senior Lecturers in Prehistory
1973 H. R. ALLEN, BA Syd., PhD A.N.U.
1975 G. J. IRWIN, PhD A.N.U., MA

Senior Lecturer in Maori Studies
1965 P. W. HOHEPA, MA N.Z., PhD Indiana (jtly with Centre for Cont. Ed.)

Senior Lecturer in Linguistics
1973 D. R. CLARK, BA Br. Col., PhD Calif. (on leave)

Lecturer in Social Anthropology
1980 K. S. CHAMBERS, BA Hawaii, MA PhD Calif.

Lecturer in Physical Anthropology

Lecturer in Maori Language
1966 MERIMERI PENFOLD, (Mrs), BA

University Post Doctoral Fellow
P. C. LINCOLN, BS Stan., MA PhD Hawaii

Honorary Research Fellow
SUSAN E. BULMER, (Mrs), BA C'nell., MA Hawaii & Auck., PhD P.N.G.

ARCHITECTURE

Professor, Head of Department
1969 A. A. WILD, BArch N.Z., FNZIA, RIBA, FRSA

Professor, Architectural Design
1964 P. J. BARTLETT, BArch N.Z., PhD, RIBA, ANZIA

Professor
1973 A. H. MARSHALL, BArch BSc N.Z., PhD S'ton. RIBA, FNZIA, MASA

Associate-Professors
1959 E. C. McCLEAN, BArch N.Z., MArch, RIBA, ANZIA, MRSH, FRSA
1959 G. SMITH, BArch N.Z., FNZIA

Senior Lecturers
1950 A. W. NEAL, BArch N.Z., RIBA, ANZIA
1957 W. O. JAINE, BArch N.Z., RIBA, ANZIA
1964 I. E. GEORGE, BArch N.Z., MArch Calif., RIBA, ANZIA
1967 A. L. MITCHENER, DipArch, RIBA, ANZIA
1967 M. R. AUSTIN, BArch N.Z., PhD, ANZIA
1969 C. W. MEGSON, MArch, RIBA, ANZIA
1969 A. N. J. GOLDWATER, BArch N.Z., ANZIA
1970 D. G. STEVENS, BE N.Z., CEng, FICE, FNZIE, Hon. ANZIA
1970 J. D. DICKSON, BArch PhD
1972 D. J. MITCHELL, BArch
1973 R. J. GRANWAL, ME, MNZIE
1974 G. DODD, BSc R'dg., MSc(Eng) PhD S'ton.
1977 P. M. BROWN, BEc W. Aust., DipVFM Cant., DipAgr S.A.I.T., FAIV, ANZIV
1979 K. J. MORROW, FDipArch R.M.I.T

Lecturers
1979 M. P. T. LINZEY, BE Cant., ME MIE Aust., AAIB
1979 H. B. WILLEY, MA PhD Camb., BArch MSc
1979 R. A. BELL, DipSurv Lond., DipUrbVal, ARICS, MPMI
1979 C. A. BIRD, MA DipUD Oxf. Pol., BArch
ART HISTORY

Professor, Head of Department
1969 A. S. G. GREEN, MA Camb., PhD Edin., DipHistArt Lond., ANZSSP, FRSA

Senior Lecturers
1970 M. R. DUNN, DipFA Cant. & Auck., MA Melb., ANZSSP
1973 L. B. BELL, DipArtHist Edin., BA

Lecturers
1974 I. B. BUCHANAN, BA Manc., MA Essex
1977 ROBIN L. WOODWARD, PhD Edin., MA

ASIAN LANGUAGES AND LITERATURES

Professor of Chinese, Head of Department
1966 D. LANCASHIRE, MA BD Lond.

Senior Lecturers in Chinese
1967 MARGARET T. S. SOUTH, BA Syd., PhD A.N.U. (on leave)
1970 TI-HOU-HAN, (Miss), BA Yenching, MA H.K.

Senior Lecturers in Indonesian
1968 J. B. KWEE, BA Lond., PhD
1974 E. O. van REIJN, Drs Ley.

Lecturer in Indonesian
1978 P. L. THOMAS, BA Oregon, MA PhD Wash.

Senior Lecturers in Japanese
1970 SETSUKO ITO, (Miss), MA Doshisha, MPhil PhD Lond.
1972 T. TAKAGAKI, BA Wakayma, MA San Francisco State (on leave)
1973 T. AKIMA, MA Waseda

Lecturer in Japanese
1979 K. G. HENSHALL, BA Lond., PhD Syd.

BIBLICAL HISTORY AND LITERATURE, see Classics and Ancient History

BIOCHEMISTRY

Professor, Head of Department
1974 A. G. C. RENWICK, MA Camb., MDchB PhD Edin., MRCPath, FRIC

Associate-Professor
1970 E. MOUSTAFA, MSc Cairo, PhD Camb., FNZIC

Senior Lecturers
1962 A. M. ROBERTON, BSc Otago, DPhil Oxf.
1970 R. GEDDES, BSc PhD Edin.
1973 G. J. LEES, BSc PhD Melb. (on leave)
1977 G. E. CHAPMAN, MA DPhil Oxf. (Biochemist, Nat. Hormone Lab.)
1974 P. N. BARLING, BA Oxf., PhD Lond.

Lecturers
1976 G. K. SCOTT, BSc Manc., PhD Edin.
1977 T. BRITTAINE, BSc PhD E. Anglia, MRIC
Honorary Lecturer
1978 R. N. JOHNSON, BSc PhD Brist.
University Post-Doctoral Fellow
K. M. ROGERS, MSc PhD Well.

BOTANY

Professor, Head of Department
1976 P. H. LOVELL, BSc PhD Sheff.
Professor of Plant Pathology
1966 F. J. NEWHOOK, MSc N.Z., DIC, PhD Lond., FRSA

Honorary Professor
1972 E. G. BOLLARD, BSc N.Z., PhD Camb., FRNSNZ
Associate-Professors
1956 J. M. A. BROWN, BSc PhD Durh.
Senior Lecturers
1969 J. B. CORBIN, MSc(Agr) Syd., PhD Calif., MAIAS
1966 F. I. DROMGOOLE, BSc N.Z., MSc PhD
1972 L. C. W. JENSEN, AB Brown, MSc PhD Minn.
1979 J. OGDEN, MSc PhD Wales
Senior Lecturer, part-time
1972 BARBARA P. SEGEDIN, (Mrs), MSc N.Z., PhD Camb.
Lecturers
1969 J. E. BRAGGINS, MSc Well., PhD
1977 N. D. MITCHELL, BA Oxf., MSc Wales, PhD ‘cle. (U.K.)
Senior Tutor
G. MARIE TAYLOR, (Mrs), MSc Well.
Honorary Lecturers
R. E. BEEVER, PhD Leeds, MSc
R. L. BIELESKI, MSc N.Z., PhD Syd., FRNSNZ
A. R. FERGUSON, MSc Well., PhD
F. H. WOOD, MAgSc Massey, PhD Cant.
J. M. YOUNG, MSc Cant., PhD Aberd.
Honorary Research Fellow
L. H. MILLENER, MSc N.Z., PhD Camb., FRNZIH

CELL BIOLOGY

Professor, Head of Department
1964 P. L. BERGQUIST, MSc PhD N.Z., FRNSNZ

Professors
1962 R. E. F. MATTHEWS, MSc N.Z., PhD ScD Camb., FRS, FNZIC, FRNSNZ
1963 R. K. RALPH, MSc N.Z., PhD DSc N.S.W., MNZIC

Associate-Professor
1969 S. BULLIVANT, PhD DSc Lond.
Lecturer in Genetics
1978 H. E. D. LANE, BSc PhD Otago
Senior Research Fellow
1968 A. R. BELLAMY, BSc N.Z., MSc PhD
MRC Career Fellow
1971 J. MARBROOK, MSc PhD
Cancer Society Senior Research Fellow
1968 B. C. BAGULEY, MSc PhD

CHEMICAL AND MATERIALS ENGINEERING, see Engineering
CHEMISTRY

Professor, Head of Department
1968 P. B. D. de la MARE, MSc N.Z., PhD DSc Lond., FRIC, FNZIC, FRSNZ

Professors
1958-66, 1968 D. HALL, MSc PhD N.Z., DSc, FNZIC, FRSNZ
1958 R. C. CAMBIE, MSc PhD N.Z., DPhil Oxf., DSc, FNZIC, FRSNZ
1944 A. L. ODELL, MSc N.Z., PhD Lond., DSc, FNZIC
1960 T. N. M. WATERS, MSc PhD N.Z., DSc, FNZIC
1962 B. R. DAVIS, MSc PhD N.Z., DPhil Oxf., DSc, FNZIC

Associate-Professors
1961 G. A. WRIGHT, MSc N.Z., DPhil Oxf., FNZIC
1958 CHARMIAN J. O’CONNOR, (Mrs), MSc N.Z., PhD DSc, FNZIC
1963 F. J. B. AGGETT, MSc PhD N.Z., FNZIC
1966 W. R. ROPER, MSc N.Z., PhD Cant., MNZIC
1961 JOYCE M. WATERS, (Mrs), MSc PhD N.Z., FNZIC
1967 P. S. RUTLEDGE, MSc PhD N.Z., FNZIC
1968 D. J. McCLENNAN, BSc N.Z., MSc PhD Well., DSc, FNZIC

Senior Lecturers
1948 H. MASLEN, MSc N.Z., PhD, MNZIC
1955 T. A. TURNLEY, MSc N.Z., MNZIC
1958 B. E. SWEDLUND, MSc N.Z., PhD Lond., FNZIC
1962 J. E. PACKER, MSc N.Z., PhD Lond., FNZIC
1965 B. A. GRIGOR, MSc N.Z., PhD Leic., MNZIC
1966 M. J. TAYLOR, MA DPhil, Oxf., FNZIC (on leave)
1966 A. J. EASTEAL, MSc N.Z., PhD Tas., MNZIC, ARACI
1966 J. J. SPEDDING, MSc PhD Well., MNZIC
1968 C. E. F. RICKARD, BSc N.Z., MSc PhD, MNZIC
1968 G. A. BOWMAKER, BSc PhD Syd., MNZIC, ARACI
1969 D. SHOOTER, MSc PhD, MNZIC
1970 G. R. CLARK, MSc PhD, MNZIC
1971 P. D. WOODGATE, MSc PhD, FNZIC

Senior Lecturer, Physico-Chemistry
1960 G. R. WHITE, MSc N.Z., MNZIC

Lecturer
1978 P.D.W. BOYD, BSc Tas., PhD Monash, ARACI

University Post-Doctoral Fellow
M. HIKICHI, MSc PhD Tohoku

CIVIL ENGINEERING, see Engineering

CLASSICS AND ANCIENT HISTORY

Professor of Classics and Ancient History, Head of Department

Associate-Professor

Senior Lecturers
1963 W. F. RICHARDSON, MA N.Z. & Camb., BD Otago, PhD
1970 R. S. W. HAWTREY, MA Camb., PhD
1973 R. H. ALLISON, MA St And., BPhil Oxf.
1974 N. KANAWATI, MA Alexandria, PhD Macq.
1974 VIVIENNE J. GRAY, PhD Camb., MA

Lecturer in Biblical History & Literature, part-time

Lecturer in Hebrew, part-time
COMMERCIAL LAW, see Accountancy

COMMUNITY HEALTH, see Medicine and Human Biology

COMPUTER CENTRE

Director
1971 J. C. B. WHITE, MSc N.Z., PhD A.N.U.

Senior Lecturers
1972 P. M. FENWICK, MSc PhD
1971 J. N. BROWNLEE, MSc PhD
1973 G. A. CREAK, BA Camb., PhD Leeds

COMPUTER SCIENCE

Professor, Head of Department
1966 J. C. BUTCHER, MSc N.Z., PhD DSc Syd., FIMA

Associate-Professor

Senior Lecturers
1959 J. F. WHALE, MSc N.Z., DIC Lond., MBCS
1968 G. J. TEE, MSc N.Z.

Lecturer
1979 R. J. E. LOBB, MSc PhD

CONTINUING EDUCATION, Centre for

Director
1966 E. P. MALONE, MA N.Z.

Senior Lecturers
1950 R. G. DELLOW, MusB N.Z., FRCO, ARSCM
1962 P. B. BECROFT, MA N.Z., PhD Calif.
1970 R. J. I. WALKER, MA PhD
1973 JUDITH C. I. McMORLAND, (Mrs), BA Leeds, MA DipEd Massey, DipYthWk Mane.

Lecturer
1978 A. A. MORRISON, MA
1979 JUDITH M. ELPHICK, MA

ECONOMICS

Professor, Head of Department
1962 G. P. BRAAE, MCom N.Z., DPhil Oxf. (on leave)

Professors
1972 C. A. BLYTH, MA N.Z., PhD Camb. (on leave)
1973 R. H. COURT, BA BSc N.Z., PhD N.S.W., MA
1977 A. J. L. CATT, MCom N.Z.

Senior Lecturers
1964 K. D. S. JONES, BA Wales, MSc (Econ) PhD Lond.
1974 CLAUDIA SCOTT, (Mrs), BA Mt Holyoke, MA PhD Duke (on leave)
1971 B. D. MURPHY, MA
1972 K. E. JACKSON, BA PhD Kent
1978 S. R. H. JONES, BSc (Econ) Lond.

Lecturers
1979 C. A. PERRINGS, BA PhD Lond.
1979 M. JOLLY, MSc (Econ) Lond., MCom
1979 R. D. J. SCOLLAY, MA Well., BA Camb., BCom
Junior Lecturer
A. J. ROGERS, BA
Senior Tutor
1976 J. I. HORSMAN, MA N.Z.

EDUCATION

Professor Head of Department
Professor
1962 MARIE M. CLAY, (Mrs), MA DipEd N.Z., PhD, FNZPsS, Hon FNZEI (on leave)
Associate-Professors
1951 W. J. D. MINOGUE, MA N.Z., PhD Ohio State
1969 E. L. GLYNN, PhD Tor., MA
Senior Lecturers
1946 B. W. HARE, MA DipEd N.Z.
1960 G. L. ARVIDSON, MA N.Z., PhD Lond.
1966 T. S. DUFF, BA N.Z., MA
1968 B. A. MacARTHUR, MA PhD
1973 J. D. MARSHALL, BA PhD Brist.
1972 W. M. GILL, MA Massey, BSc PhD
1980 K. M. WILTON, PhD Alta., MA
Lecturers
1976 S. S. McNAUGHTON, MA PhD
1976 VIVIANE M. J. ROBINSON, (Mrs), PhD Harv., MA.
1978 C. J. LANKSHEAR, MA Cant.
1978 R. A. PEDDIE, BA Well., Dip’dEtSup Poitiers, MA
Junior Lecturer
DOROTHY R. HOWIE, (Mrs), MA PhD DipEd
Clinical Tutor
1979 KATHRYN C. IRWIN, (Mrs), BA Min., MEd Harv.
Visiting Teaching Fellow
D. W. HUNKIN, BA DipEd N.Z., MA

ENGINEERING

CHEMICAL AND MATERIALS ENGINEERING

Professor Head of Department

Professor in Chemical and Materials Engineering
1951 A. L. TITCHENER, BSc BE N.Z., ScD M.I.T., AOSM, MIMechE, FNZIE, MAIME, FIM (on leave)
Associate-Professors
1968 P. L. SPEDDING, MSc N.S.W., PhD A.N.U., CEng, FIChemE
1968 W. G. FERGUSON, BSc BE N.Z., PhD, MNZIE
1969 G. G. DUFFY, BSc N.S.W., PhD, ASTC, CEng, MChemE, FACIS
Senior Lecturers
1969 E. G. KELLY, BE PhD Otago, AOSM, CEng, MAIME, MIMM
1970 J. T. GREGORY, BSc Idaho, PhD Wis., MAIME
1971 M. L. ALLEN, BSc(Eng) Lond., CEng, MChemE, MNZIE, MNZIC
1973 R. M. SHARP, MA DPhil Oxf., CEng, MIMM
1977 P. A. MUNRO, PhD Lond., BE
Lecturer
1980 Calendar
CIVIL ENGINEERING

Professor, Head of Department
1953 P. W. TAYLOR, BSc BE N.Z., PhD, CEng, FICE, FNZIE, FASCE

Professor
1956 A. J. RAUDKIVI, DiplIng(Civil) Tallin & T.H. Braunschweig, PhD, CEng, FICE, FNZIE

Associate-Professor
1961 R. A. CALLANDER, BE N.Z., PhD, FNZIE

Senior Lecturers
1957 B. H. CATO, BE N.Z., CEng, MICE, FNZIE, FIHE
1969 I. W. GUNN, BE N.Z. DipPHE 'Ncle.(U.K.), CEng, MICE, MNZIE, FIPHE, MIInstWPC
1969 A. H. BRYANT, BE PhD Cant.
1969 I. G. BUCKLE, BE PhD, AICE, MNZIE
1972 R. C. M. DUNN, BE BSc N.Z., MEngSc N.S.W., DipTP, MIHE, MICE, MNZIE
1974 A. G. COLLINGS, MPhil Surrey, DIC
1975 R. C. FENWICK, BE PhD Cant., MNZIE
1977 M. J. PENDER, BE PhD Cant., MNZIE
1979 C. D. CHRISTIAN, BE PhD S’ton, MICE, AMASCE
1979 N. LAWGUN, ME PhD, MNZIE
1980 J. W. BUTTERWORTH, BE PhD
1980 R. G. COMPTON, BE, MNZIE

Lecturers
1979 B. J. DAVIDSON, BE PhD

Research Fellow
H. R. GREEN, BE, MNZIE

Professional Design Consultants
M. JACOBS, BE PhD, MNZIE
C. A. HANSON, MNZIE
P. G. RADLEY, ME

ELECTRICAL ENGINEERING

Professor, Head of Department
1977 J. L. WOODWARD, BE N.Z., MASe Tor., FIEEE, FIEAust., MNZIE

Honorary Professor
1976 E. E. SUCKLING, MSc N.Z., DEE N.Y., MIEEE

Associate-Professor
1966 D.V. OTTO, BE PhD, FACIS

Senior Lecturers
1955 B. EGAN, BA BE N.Z., PhD, CEng, MIEEE
1961 A.C. TREMAIN, BSc(Eng) Lond., CEng, MIEEE
1963 J.G. NAYLOR, BE N.Z., CEng, MIEEE
1966 H.B. GATLAND, BSc N.Z., DipElectronics S’ton, CEng, MIEEE, FACIS
1967 N.J. CASTLE, BE Cant., PhD, CEng, MIEEE, MNZIE
1975 A. G. WILLIAMSON, BE PhD MIEEE (on leave)
1976 D.T. NGUYEN, BE Cant., PhD, MNZIE
1977 J.T. BOYS, ME PhD (on leave)
1977 A.C. TSOI, DipTech H.K., MSc PhD Salf.

Junior Lecturer

RADIO RESEARCH CENTRE, within the Department of Electrical Engineering

Professor, Director of Radio Research Centre
1950 H.A. WHALE, MSc N.Z., PhD Camb., FInstP, SMIEEE
General Information, University Staff, (Academic)

Senior Research Fellows
1960 J. E. TITHERIDGE, MSc DipHons N.Z., PhD Camb., SMIEEE, FlnstP, FRSNZ (on leave)
1961 M. J. POLETTI, MSc N.Z.
University Post-Doctoral Fellow
E. PUTZ, MagRerNat., DrPhil Graz

MECHANICAL ENGINEERING

Professor, Head of Department
1969 R. F. MEYER, BE N.Z., PhD Manc., FCASI, MAIAA, FNZIE

Professor
1957-61, 1966 J. H. PERCY, BSc BE N.Z.; PhD Camb., FNZIE

Associate-Professor
1976 G. ARNDT, BE MEngSc Melb., PhD Monash, CEng, FIProdE, FIEAust., VDI

Senior Lecturers
1960 K. C. LEE, BE N.Z., MSc Cran. I.T., CEng, MIMechE, MRAeS
1961 J. STEPHENSON, BSc Glas., MNZIE
1962 P. D. SMITH, BSc(Eng), Lond. MAIM
1965 J. J. WARD, MSc(Eng) Natal, CEng, MIMechE
1968 A. J. MORRIS, MBA Cran. I.T., BE BCom
1969 D. H. FREESTON, BSc Lond., CEng, MRAeS, FIMechE, MNZIE
1970 G. W. BLANCHARD, MSc Manc.
1973 G. MOLTSCHANIWSKYJ, MSc(Eng) Lond.
1973 V. A. L. CHASTEAU, BSc(Eng) Witw., PrEng, FEASA
1975 J. D. TEDFORD, BSc, PhD Belf., CEng, MIProdE ANZIM
1977 P. S. JACKSON, ME N.Z., PhD Camb.

Lecturer
1977 R. R. RAINE, BSc PhD S'ton.
MRC Senior Research Fellow
N. D. BROOM, BE Melb., PhD
Energy Research Fellow
A. J. GLOVER, MSc Cant., MIInstP

THEORETICAL AND APPLIED MECHANICS

Professor, Head of Department
1937 C. M. SEGEDIN, MSc N.Z., PhD Camb., FIMA, FRSA

Associate-Professors
1962 M.S. ROSSER, MSc MusB N.Z.
1967 I. C. MEDLAND, BSc ME N.Z., PhD Manc., CEng, MICE, MNZIE
1969 M. J. O'SULLIVAN, BE N.Z., PhD Cal. Tech, BSc ME (on leave)

Senior Lecturers
1975 D. M. RYAN, MSc Otago, PhD A.N.U. (on leave)
1977 C. J. PATTERSON, BSc BE

Lecturers
1978 P. J. HUNTER, DPhil Oxf., ME

Junior Lecturer
R. McKIBBIN, MSc Cant.
Energy Research Fellow

Medical Research Fellow
G. W. CHRISTIE, BSc MPhil
BRANZ Research Fellow

1980 Calendar
ENGLISH

Professor of English Language, Head of Department
1964 F. S. SCOTT, MA MLitt Camb.

Professors
1959 C. K. STEAD, MA N.Z., PhD Brist. (Faculty of Arts Senior Research Fellow to 31-3-82)

Associate-Professors
1954 W. H. PEARSON, MA N.Z., PhD Lond.
1968 F. C. de VRIES, MA Amst., DLitt Utrecht
1964 M. P. JACKSON, MA N.Z., BLitt Oxf.

Senior Lecturers
1961 P. DANE, MA Leic.
1965 C. C. BOWLEY, MA N.Z., DipGenLing Edin.
1966 R. J. HORROCKS, BA N.Z., MA PhD (on leave)
1966 W. S. BLACK, BA Leeds (on leave)
1968 M. A. F. NEILL, MA Otago, PhD Camb.
1970 W. T. L. CURNOW, BA N.Z., PhD Penn., MA
1968 AOREWA P. McLEOD, MA Well., BPhil Oxf., BA
1969 J. LAMB, BA DPhil York (U.K.)
1972 STEPHANIE J. HOLLIS, BA Adel., PhD A.N.U.
1973 K. J. LARSEN, PhL Rome, MA PhD Camb.
1973 R. H. LEEK, MA PhD

Senior Lecturer in Drama
1977 M. G. THOMPSON, MA Cant.

Lecturers
1977 R. H. NICHOLSON, MA Well.
1979 D. G. WRIGHT, MA Cant., PhD Tor.
1979 G. A. J. BOIRE, BA Montr., MA PhD McM.

Senior Tutors
1966 K. SMITHYMAN
1971 RIEMKE ENSING, MA (on leave)
1971 MARGARET A. EDGCUMBE, MA
1971 GABRIELLE HILDRETH, MA (on leave)

University Post-Doctoral Fellow
B. D. BOYD, MA Cant., PhD Tor.

FINE ARTS

Professor, Head of Department
1961 J. D. SAUNDERS, DipFA N.Z., MSIA, DipIndustDesign, NDD, FNZSID, FRSA

Professor
1961 P. J. BEADLE, HonMFA, HonMNZSID, MNZSSP, MFIM, FRSA

Associate-Professor
1957 R. W. ELLIS, ARCA, RBA, MNZSSP, FRSA

Senior Lecturers
1965 R. D. HUTCHINS, BA DipJourn N.Z., MBKS
1966 G. L. TWISS, DipFA N.Z., MNZSSP (on leave)
1971 J. B. TURNER (on leave)
1975 A. GARCIA-ALVAREZ, PD Barcelona
1979 D. H. BINNEY, DipFA N.Z., MNZSSP

Lecturers
1977 P. E. DADSON, DipFA
1978 R. M. SIMPSON, MFA Ill., BFA

FRENCH, see Romance Languages
GEOGRAPHY

Professor, Head of Department

Associate-Professors
1965 A. G. ANDERSON, MA DipEd N.Z., PhD
1965 G. R. COCHRANE, MA BSc N.Z., PhD, FBIS
1968 W. MORAN, MA N.Z., PhD

Senior Lecturers
1971 D. G. RANKIN, BA PhD Nott.
1977 R. F. McLEAN, MA N.Z., PhD McG.

Lecturers
1976 H. K. YOON, BA Seoul; MS Brigham Young, PhD Calif. (on leave)
1977 C. R. de FREITAS, MA Tor., PhD Q’ld.

S. G. BRITTON, MA Massey

Junior Lecturer

Visiting Teaching Fellow
B. T. A. DUDLEY, MA

GEOLOGY

Professor, Head of Department
1951 R. N. BROTHERS, MSc N.Z., DIC, PhD Lond., FGS, FMSAm, FRSNZ

Associate-Professors
1972 M. P. HOCHSTEIN, DipGeophys T.U. Clausthal, DrRerNat Mün.
1958 J. A. GRANT-MACKIE, MSc N.Z., PhD
1970 PHILIPPA M. BLACK, BSc N.Z., MSc PhD; FMSAm

Senior Lecturers
1960 P. F. BALLANCE, BSc PhD Lond.
1964 K. A. RODGERS, MSc PhD, MNZIC
1966 G. W. GIBSON, BSc N.Z., PhD Well. (on leave)
1967 H. W. KOBE, DrPhil Zür.
1969 K. B. SPORLI, DiplIngGeol DrScNat Zür
1971 M. R. GREGORY, BSc N.Z., PhD Dal., MSc
1975 W. M. PREBBLE, MSc Well.

Analyst in Geochemistry
1980 I. E. M. SMITH, BSc Well., PhD A.N.U.

Honorary Research Fellow
T. SAMESHIMA, BSc Tokyo, DSc Nagoya

Captain James Cook Fellow
G. P. L. WALKER, MSc Belf., PhD Leeds, FGS, FRS

Post-Doctoral Research Fellow
K. YOKOYAMA, MSc Kanazawa, PhD Tokyo

GEOTHERMAL INSTITUTE

Associate-Professor Honorary Director
1978 M. P. HOCHSTEIN, DipGeophys T.U. Clausthal, DrRerNat Mün.

Senior Lecturer in Earth Science
1979 P. R. L. BROWNE, BSc Cape T, MSc Leeds, PhD Well.

Senior Lecturer in Professional Engineering

1980 Calendar
GERMANIC LANGUAGES AND LITERATURE

Professor, Head of Department
1948 J. A. ASHER, Bundesverdienstkreuz I. Klasse, RNO Sweden, Goethe Med. Munich, MA N.Z., DrPhil Basle
Associate-Professor
1966 KATHRYN SMITS, MA N.Z., DrPhil Freib.
Senior Lecturer in German Language
1972 SUZANNE TYNDEL, (Mrs), MA N.Z.
Senior Lecturer in Scandinavian Studies
1965-68, 1975 O. L. WAARA, FilMag Uppsala
Lecturers
1976 J. NORTHCOTE-BADE, MA Well., DrPhil Zür.
1978 F. VOIT, DrPhil Saar
Senior Tutors
1964 GERTRUD S. BLUMENFELD, (Mrs)
1969 M. J. SUTTON, MA
Tutor in German
1979 UTA HAGEN, (Mrs), MA Freib.
Tutor in Scandinavian Studies

GREEK, see Classics and Ancient History

HEBREW, see Classics and Ancient History

HISTORY

Professor, Head of Department
Professors
1947 K. SINCLAIR, MA PhD N.Z., LittD
1965 P. N. TARLING, MA PhD LittD Camb., FRAS, FRHistS
Associate Professors
1964 L. J. HOLT, BA N.Z., AM PhD Harv.
1964 R. C. J. STONE, MA N.Z., PhD
1971 VALERIE I. J. FLINT, MA DPhil Oxf., FRHistS
Senior Lecturers
1965 MARGARET H. LAMB, (Mrs), BA PhD Lond.
1966 JUDITH M. C. BINNEY, (Mrs), BA N.Z., MA (on leave)
1967 M. A. R. GRAVES, BA Camb., PhD Otago (on leave)
1970 H. M. LARACY, MA Well., PhD A.N.U.
1972 RAEWYN DALZIEL, BA PhD Well.
1972 P. H. ROUSSEAU, MA DPhil Oxf.
1973 J. C. A. STAGG, MA Cant., AM PhD Prin.
1978 L. Y. ANDAYA, BA Yale AM PhD C’nell.
1976 R. G. PHILLIPS, BA Trent, DPhil Oxf.
1976 R. T. PHILLIPS, MA PhD Camb.
Lecturers
1978 H. R. JACKSON, BA LLB Melb., MA Camb, PhD A.N.U.
1980 B. H. MOSS, BA C’nell., MA PhD Col.
Honorary Research Fellow
E. H. McCORMICK, MA LittD N.Z., MLitt Camb.
Senior Tutor
1974 JUDITH O. BASSETT, (Mrs), MA
Tutor
1979 BARBARA J. WATSON ANDAYA, (Mrs), BA Syd., MA Hawaii, PhD C'nell.
University Post-Doctoral Fellows
1980 A. LUCAS, BAgrEc N.E., MA Hawaii
1980 M. KING, BA Well., MA PhD Waik.

INDONESIAN, see Asian Languages and Literatures

ITALIAN, see Romance Languages

JAPANESE, see Asian Languages and Literatures

LATIN, see Classics and Ancient History

LAW

Professor of Public Law, Head of Department
1951 J. F. NORSEY, BA LLM N.Z., DJur Tor., LLD

Professors
1961 B. COOTE, LLM N.Z., PhD Camb.
1968 P. R. H. WEBB, MA LLB Camb., LLD
1961-67, 1969 G. W. HINDE, LLM N.Z.,

Associate-Professors
1966 F. M. BROOKFIELD, BA LLB N.Z., DPhil Oxf.,

Senior Lecturers
1966 I. F. MCDONALD, LLB Lond., DipComparLaw Luxembourg
1966 J. A. B. O'KEEFE, JP, BA MPhil Lond., LLM
1966 D. R. MUMMERY, BA N.Z., LLM N.Z. & Harv., SJD Virginia (on leave)
1969 K. A. PALMER, LLM Harv. & Auck., SJD Virginia
1969 P. J. EVANS, BA LLB Otago, PhD Camb., LLM
1973 J. B. ELKIND, BA Col., JD N.Y., LLM Lond.
1968 D. W. McMORLAND, PhD Camb., LLM
1975 J. PREBBLE, BCL Oxf., JSD C'nell., BA LLB (on leave)
1972 W. C. HODGE, AB Harv., JD Stan. (on leave)
1977 MARGARET A. VENNEL, (Mrs), LLB N.Z.
1974 PAULINE TAPP, LLB MJur
1979 S. J. MACFARLANE, MA LLB N.Z.
1974 MARGARET A. WILSON, LLB MJur

Lecturers
1978 J. G. H. HANNAN, BA LLB Well.
1978 G. C. THORPE, LLM Monash, BCom LLB
1979 ELIZABETH J. KELSEY, LLB Well.
1980 N. L. BARLOW, LLM
1980 C. B. CATO, BCL Oxf., LLB
1980 R. J. CALNAN, LLB Lond.

Special Lecturer in Legal Ethics
HON J. NIGEL WILSON, LLB N.Z.

Honorary Lecturer
P. R. HELLER, LLM McG., DJur Vienna, ACA, AFRAeS
Junior Lecturer

Lecturers, part-time
D. A. M. GRAHAM, LLB
G. V. HUBBLE, LLB
R. J. McCRAINE, BCL Oxf., LLB
W. M. PATTERSON, LLB
A. M. A. IVANSON, LLB
P. B. TEMM, QC, LLB N.Z.
NADJA TOLLEMACHE, (Mrs), MA Oxf.
M. J. WHALE, BCom LLB, ACA, ACIS
R. W. WORTH, LLB MJur
W. A. YOUNG, PhD Camb., BA LLB DipCrim

LEIGH LABORATORY

Director
1965 W. J. BALLANTINE, MA Camb., PhD Lond. (on leave)
Associate-Director
1966 F. J. TAYLOR, MSc Sheff., PhD Lond., FLS, FIBiol
Research Fellow
M. W. HAWKES, BSc PhD Br. Col.

MANAGEMENT STUDIES

Professor, Head of Department
1973 B. D. HENSHALL, PhD DSc Brist., CEng., FRAeS
Associate-Professor
1975 A. R. E. GEAR, BSc PhD Lond.
Senior Lecturers
1972 J. S. DEEKS, MA Camb., DipPM Lond.
1969 A. MacCORMICK, MA PhD Yale, BSc MCom
1974 K. R. ROBERTSON, BS MBA Calif. (on leave)
1975 N. R. MARSH, BA Nott., MA Leeds, PhD Bath
Lecturer
1978 R. MARSHALL, MCom
Senior Tutor
1976 J. C. ELMSLY, MA N.Z., MNZPsS

MAORI STUDIES see Anthropology

MATHEMATICS

Professor, Head of Department
1965-71, 1973 G. A. F. SEBER, MSc N.Z., PhD Manc. (Statistics Unit)
Professor
1958 J. A. KALMAN, MA N.Z., AM PhD Harv.
Professor, Head of Statistics Unit
1972 A. J. SCOTT, MSc N.Z., PhD Chic.
Associate-Proфессors
1948 G. A. HOOKINGS, MSc Camb. & N.Z.
1962 D. A. NIELD, MA Camb., MSc N.Z., PhD, FIMA
1966 P. J. LORIMER, MSc N.Z., PhD McG.
Senior Lecturers
1967 C. P. CHANG, MSc Si John's (Shanghai), PhD Chic. (on leave)
1967 K. ASHTON, BSc Manc.
1968 G. D. DIXIT, BA Agra, MA DPhil Alld.
1969 J. J. HUNTER, BSc N. Z., PhD N. Carolina, MSc (Statistics Unit) (on leave)
1970 P. R. HAFNER, DipMaths DrPhil Zür.
1971 M. K. VAMANAMURTHY, MSc Mys., MS PhD Mich.
1971 P. RAMANKUTTY, BA Madr., MSc Kerala, MA PhD Indiana
1969 D. P. ALCORN, BSc N. Z.
1969 D. B. GAULD, PhD Calif., MSc
1970 I. L. REILLY, BA MSc Well., AM PhD Ill., FIMA (on leave)
1971 B. CALVERT, MS PhD Chic., BSc
1969 C. C. KING, BSc Well., MSc Warw.
1970 D. J. SMITH, BA Portland State, MA PhD Wash. State
1971 J. L. SCHIFF, AM PhD Calif. (on leave)
1971 W. J. WALKER, PhD Ill., MSc
1971 M. J. J. LENNON, PhD M. I. T., MSc
1974 G. R. BAIRD, BSc Tas., PhD Monash

Lecturers
1974 A. J. LEE, PhD N. Carolina, MA (Statistics Unit)
1979 C. J. WILD, MSc (Statistics Unit)

Senior Tutor
1969 R. E. SWENSON, MSc

MECHANICAL ENGINEERING, see Engineering

MEDICINE AND HUMAN BIOLOGY

SCHOOL OF MEDICINE

Dean, Professor of Surgery
1974 D. S. COLE, BMedSc MBChB N. Z., FRCS, FRACS
Associate-Dean of Postgraduate Affairs in Medicine
1975 C. H. MACLAURIN, MBChB N. Z., FRCS, FRACS
Sir William Goodfellow Director of Continuing Medical Education in General Practice
1978 P. M. BARHAM, BSc MBChB Otago, DipObst, MRCGP, MNZCGP
Regional Co-ordinator Family Medicine Training Programme (part-time)
1980 P. L. GIBSON, MBChB N. Z., MRCGP, FNZCGP

ANATOMY

Professor, Head of Department
1968 J. B. CARMAN, BMedSc MBChB N. Z., DPhil Oxf.
Auckland Savings Bank Professor of Radiology
1976 C. J. ALEXANDER, MBChB N. Z., MD Otago, HonFRCR, FRACR, HonFACR
Associate-Professor in Reproductive Biology (jtly with Department of Physiology)
1969 D. P. BOSHIER, MSc N. Z., PhD Brown
Senior Lecturer
1976 D. D. SAMARASINGHE, MBBS Ceyl., PhD Lond. (on leave)
1976 M. J. MERRILEES, BSc Otago, PhD Tor. (on leave)
1978 R. L. M. FAULL, BMedSc MBChB Otago, PhD
Senior Lecturer in Radiology
1979 G. A. FOOTE, MBChB Otago, MRACR
Senior Lecturer, part-time
1973 CYNTHIA G. JENSEN, AB Brown, PhD Minn.

Lecturers
1975 A. M. F. REEVE, MBChB Otago
D. R. ENSOR, BVSc Massey, PhD

1980 Calendar
Research Fellow
R. J. K. BAKER, MA

ANIMAL LABORATORIES

Director

BIOCHEMISTRY, see Biochemistry

COMMUNITY HEALTH

Professor of Human Genetics and Community Health, Head of Department
1973 A. M. O. VEALE, MBChB BSc N.Z., PhD Lond., FRACP

Associate-Professors of General Practice
1973 J. G. RICHARDS, MBChB N.Z., FRCP, FRCPEd, FRACP
1977 S. R. WEST, MBChB DipObst N.Z., MRCGP, FRNZCGP

Senior Lecturers
1976 P. B. DAVIS, BA S'ton, MSc Lond.
1972 F. C. DONNELLY (Fr), DipReligEd Brussels, DipEd N.Z., MA PhD DipCrim
1972 R. B. HUNTON, MBChB N.Z., DTM & H Liv., MRCP, MRCPEd, FRACP (on leave)

Senior Lecturer in Epidemiology
1979 R. BEAGLEHOLE, MDChB Otago, MSc Lond., MRCP, FRACP

Lecturer in Biostatistics
1978 P. R. MULLINS, MSc

Honorary Lecturer
M. T. BARNETT, MB Calc., DipPH N.Z.

Senior Research Fellows
T. E. KJELLSTROM, MME R.I.I., MD Karolinska I., MEng Stockholm
I. C. T. LYON, MSc Well., PhD Otago, MAACB

Research Fellows
SALLY CASSWELL, BA Sheff., PhD Otago
J. M. I. PARSLOW, BSc Well.

MEDICINE, The Department of

Professor, Head of Department
1973 P. J. SCOTT, BMedSc MBChB N.Z., MD Birm, FRCP, FRACP

Professor of Medicine
1968 J. D. K. NORTH, MBChB N.Z., DPhil Oxf., FRCP, FRACP

Professor of Endocrinology
1970 H. K. IBBERTSON, MBChB N.Z., FRCP, FRACP (on leave)

Associate-Professors
1971 C. TASMAN-JONES, BSc MBChB N.Z., FRCP, FRACP
1979 W. F. LUBBE, MDChB Cape T., FCP(SA)

Associate Professor in Immunology
1972 J. D. WILSON, MBChB N.Z., PhD Lond., FRACP, FRCPA

Senior Lecturers
1971 D. J. SCOTT, BMedSc MBChB N.Z., MRCP, FRACP (on leave)
1973 D. E. RICHMOND, MBChB N.Z., MD Otago, MRCP, FRACP, DipABIM (Seconded to the Royal Australasian College of Physicians)
1978 D. N. SHARPE, MBChB Otago, FRACP DipABIM, DipABCVDis, FACC
1978 I. J. SIMPSON, MBChB Otago, FRACP
1980 E. W. WILLOUGHBY, MBChB Otago, FRACP

MRC Career Fellow
1969 PHILIPPA M. WIGGINS, MSc N.Z., PhD Lond.

Merck Sharp & Dohme Fellow in Clinical Medicine
P. L. J. TAN, MBChB Sing.

1980 Calendar
OBSTETRICS & GYNAECOLOGY, Incorporating the Postgraduate School of Obstetrics and Gynaecology

Professor, Head of Department and Postgraduate School
1964, D. G. BONHAM, OBE, MA MBChir Camb., FRCS, FRACS, FRCOG

Professor in Obstetrics and Gynaecology
1973 C. D. MANTELL, BMedSc MBchB Otago, MRCOG

Professor in Perinatal Physiology
1959 SIR WILLIAM LILEY, KCMG, BMedSc MBchB N.Z., PhD A.N.U., Hon. DSc Well. DipObst, FRSNZ, FRCOG, HonFACOG

Professor in Obstetric and Gynaecological Endocrinology
1962 G. C. LIGGINS, MBchB N.Z., PhD, FRCSed, FRACs, FRCOG, FRSNZ

Associate-Professors
1956 G. H. GREEN, BA BSc MBchB N.Z., FRCOG
1969 J. T. FRANCE, MSc N.Z., PhD, MNZIC FAACB

Senior Lecturers
1978 F. M. GRAHAM, MBBS Lond., LRCP, FRCSed, MRCOG
1978 J. D. HUTTON, MBchB Otago, MRCOG
1977 E. B. NYE, MBBS Lond., MRCS, LRCP, MRCOG

Senior Research Fellow in Biochemistry
W. B. WATKINS, MSc PhD

PAEDIATRICS

Professor, Head of Department
1979 J. C. DOWER, AB MD John H.

Research Professor in Child Health
1970 R. B. ELLIOTT, MDSB Adel., FRACP

Associate-Professors
1971 J. M. COSTELLO, MBchB N.Z., MRCP, FRACP
1972 R. N. HOWIE, MBchB N.Z., MRACP

Senior Lecturer
1976 M. C. MORRIS, MBchB N.Z., MRACP, FRCPCan

Senior Lecturer in Neonatal Paediatrics
1976 S. R. WEALTHALL, MDchB Sheff.

Lecturer
Senior Research Fellow
P. D. GLUCKMAN, MBchB Otago, MMEdSc

PATHOLOGY

Professor, Head of Department
1969 P. B. HERDSON, BMedSc MBchB N.Z., PhD Northwestern, FRCPA

Professor, Experimental Pathology
1970 J. B. GAVIN, BDS N.Z., PhD DDS Otago

Honorary Professor
1979 B. F. CAIN, MSc PhD N.Z., DPhil Oxf., FNZIC, FRSNZ

Associate-Professor, Anatomical Pathology
1970 J. F. ARTHUR, MD BS Lond., FRCPPath

Associate-Professor, Haematology

Associate-Professor, Forensic Medicine
1975 F. J. CAIRNS, MDchB N.Z., FRCPPath, FRCPA

Associate-Professor, Chemical Pathology

Associate-Professor in Oncology
1976 J. C. PROBERT, MA MBM Ch Oxf., DMRT Lond., FRCR, MRACR, DipAmerBdRad.

Senior Lecturer in Microbiology
1971 D. A. BREMNER, MBchB N.Z., FRCPA

1980 Calendar
Senior Lecturer in Clinical Pathology

Senior Lecturer
1978 BETH J. L. SYNEK, MBChB Otago, FRCPA

Senior Lecturer in Forensic Pathology
1978 W. M. I. SMEETON, MBChB Otago, FRCPA

Lecturer in Haematology
1978 HILARY A. BLACKLOCK, MBChB Otago

Senior Research Fellow
R. N. SEELYE, MSc N.Z., DPhil Oxf.

Research Fellow
LOIS C. ARMIGER, BSc N.Z.; MSc PhD

PHARMACOLOGY and CLINICAL PHARMACOLOGY

Professor, Head of Department
1978 D. M. PATON, MBChB Cape T., MD Witw., FIBiol, FRCPCan.

Associate-Professor in Clinical Pharmacology and Therapeutics
1977 G. S. M. KELLAWAY, MDChB N.Z., FRCP, FRCPEd, FRACP

Associate-Professor of Anaesthesia
1978 R. A. BOAS, MBChB N.Z., FFARACS

Senior Lecturers

1979 SHEILA A. DOGGRELL, BSc PhD S'ton

Research Fellow
J. W. FAXTON, BSc PhD Glas.

PHYSIOLOGY

Professor, Head of Department
1968 J. D. SINCLAIR, MDChB BMedSc N.Z., FRACP

Associate-Professor
1969 R. O. FARRELLY, MSc MBChB N.Z. FRCPA

1971 P. McN. HILL, MA MBBch PhD Dub.

Senior Lecturers
1970 M. N. EADE, MBChB N.Z., MD Birm., FRACP

1972 N. J. DAWSON, BSc PhD N.E., MIBiol

1977 J. R. SLACK, BSc PhD Lond.

1976 MARY A. BULLIVANT, (Mrs), BSc Lond., PhD

Lecturer
1977 B. H. SMAILL, BSc BE Cant., PhD Lond. DIC

Senior Tutor
INGRID H. SARELIUS, MSc Massey, PhD (on leave)

Junior Lecturer
1980 A. A. YOUNG, MSc MBChB

Research Fellow
ROSEMARY L. LAUGHTON, MSc

MRC Research Fellow
S. POCKETT, MSc PhD

PSYCHIATRY

Professor, Head of Department
1970 J. S. WERRY, BMedSc MBChB N.Z., MD Otago, DipPsych McG., FRCPCan., MRANZCP

1980 Calendar
Associate-Professor in Adult Psychiatry
1976 J. J. WRIGHT, MDChB Otago, FRACP, MRCPsych MRANZCP
Senior Lecturers
1972 J. M. RAEBURN, PhD Qu., MA MSc
1978 R. G. LARGE, MBChB DPM Cape T., FFPsych SA, MRANZCP

Surgery

Professor, Head of Department
1980 G. L. HILL, MBChM Otago, FRACS, FRCS
Sir William Stevenson Professor of Orthopaedic Surgery
1975 D. H. GRAY MBChB MMedSc N.Z., ChM Otago, FRACS
Honorary Professor
1971 SIR BRIAN BARRATT-BOYES, KBE, MBChB N.Z., ChM Otago, FRACS, FACS, FRSNZ
Sir William Stevenson and Lady Stevenson Professor of Ophthalmology

Associate-Professors
1970 R. G. KAY, MBChB, N.Z., FRCS, FRACS
Sir William Stevenson Associate-Professor of Plastic and Reconstructive Surgery
1979 D. F. LIGGINS, MBBS Syd., FRACS
Senior Lecturers
1974 W. T. MORRIS, MBChB Brist., PhD Sheff., FRCS
1979 J. P. COLLINS, MBChB N.U.I., DipObstRCOG, FRCS, FRCSEd, FRACS
Senior Lecturer in Orthopaedic Surgery
1979 G. D. TREGONNING, MBChB Otago, FRACS, FRCS
MRC Career Fellow
M. H. FLINT, MBBS Lond., FRCS, FRACS
Senior Research Fellows
G. C. GILLARD, BSc PhD Wales
S. J. M. SKINNER, BSc PhD S’ton
Research Fellow
C. A. POOLE, BSc PhD Otago

Clinical Teachers to the School of Medicine

Clinical Readers
D. M. O. Becroft in Pathology G. C. Hitchcock in Pathology
B. R. Cant in Physiology H. Le Grice in Surgery
T. P. Casey in Pathology J. B. Lowe in Medicine
R. H. Culpan in Psychiatry J. Dilworth Matthews in Paediatrics
T. R. C. Fraser in Medicine P. W. Eisdell Moore in Surgery
A. O. M. Gilmore in Medicine O. R. Nicholson in Surgery
G. L. Glasgow in Medicine

Clinical Lecturers
T. M. Agnew J. F. Carter J. G. Davison
J. S. Allan D. E. Caughey P. B. Doak
I. W. B. Barrowclough Joan Chapple G. W. Dodd
P. F. Bartley K. E. Clark R. G. Dreadon
J. J. Baskett A. G. Clarke A. Duke
N. M. Bass E. D. Clarke M. D. Eilenberg
A. D. Bird Patricia M. Clarkson R. B. Ellis-Pegler
E. A. Bowie R. J. Coates K. M. Ewen
Robin H. Briant M. S. Croxson K. E. D. Eyre
A. D. Cameron J. C. Cullen I. B. Farris
D. G. Campbell C. Cumming Keitha Farmer
P. Cappelle N. T. Dalton G. F. Farr

1980 Calendar
R. S. Ferguson  
A. Fraser  
Florence A. Fraser  
P. A. Frengley  
D. J. A. Gallagher  
M. B. Gill  
J. C. Gillman  
W. I. Glass  
L. K. Gluckman  
R. J. Goodey  
P. J. Gow  
J. M. Grainger  
R. R. Grigor  
F. P. Hall  
W. W. Hallwright  
A. E. Hardy  
E. A. Harris  
I. B. Hassall  
R. K. Haydon  
J. W. Henley  
P. G. Henley  
R. Hindle  
J. L. R. Hodgson  
I. M. Holdaway  
J. Horton  
Alison Hunter  
D. B. Innes  
D. L. Jamison  

MUSIC

Professor, Head of Department
1958 P. D. H. GODFREY, MBE, MA MusB Camb., Hon FRSCM, FRCO, ARCM
Associate-Professors
1965 G. R. SEAMAN, MA DPhil Oxf. (on leave)
1969 E. D. K. MEWS, DMus Lond., FRCO, FTCL
Associate-Professor (Piano)
1963 JANETTA M. McSTAY, MBE, LRAM, ARCM, ARAM
Senior Lecturers
1974 J. F. RIMMER, BA N.Z., MusD Tor., MA
1977 G. W. J. DRAKE, BA N. Z., PhD III., MA
Senior Lecturer (Viola)

Senior Lecturer (Violoncello)
1979 CORAL BOGNUDA, (Mrs), l'er Prix (Violoncello) l'er Prix (Music de Chambre) Paris, A.C.M. 'Melb.

Senior Lecturers (Violin)
1974 D. NALDEN, BA N.Z., l'er Prix (Violin) l'er Prix (Musique de Chambre) Brussels
1976 MARY O'BRIEN, DipPedagog Paris Cons.

Senior Lecturer (Singing)
1968 P. R. TODD, ARAM

Senior Lecturer (Piano)
1975 B. A. SAYER, BA DipMus, LRSM, ARCM, LTCL
Lecturer (including Organ and Harpsichord)
Lecturer
F. E. McALPINE, MA Well., DèsL Paris
Lecturer (Cello)
1978 D. GRIFFITHS, MMus
OBSTETRICS & GYNAECOLOGY see Medicine and Human Biology

OPTOMETRY, see Psychology

PAEDIATRICS, see Medicine and Human Biology

PATHOLOGY, see Medicine and Human Biology

PHARMACOLOGY, see Medicine and Human Biology

PHILOSOPHY

Professor, Head of Department
1980 K. SEGERBERG, BA Col., Fil Dol Uppsala, PhD Stan.

Senior Lecturers
1957 G. W. R. ARDLEY, BA MSc DipEd Melb., FInstP
1959 C. I. PEARSON, MA PhD Q'id.
1971 M. M. TWEEDEALE, BA Prin., PhD Calif.
1969 R. NOLA, BSc N.Z., PhD A.N.U., MA MSc
1971 J. P. YOUNG, MA Camb. & Wayne State, PhD Pitt.
1970 PATRICIA A. BAILLE, MA Syd.

Lecturers
1978 CHRISTINE H. M. SWANTON, DPhil Oxf., MA

Junior Lecturer
1979 M. KEENAN, PhD St Andrews, BCom, MA

PHYSICS

Professor of Geophysics, Head of Department
1969 A. C. KIBBLEWHITE, MSc N.Z., DIC, PhD Lond., FInstP, FASA

Professors
1958 E. R. COLLINS, O.B.E., MSc N.Z., PhD Birm., FInstP, FRSNZ
1963 D. J. HOOTON, MSc N.Z., PhD Edin., FInstP
1969 A. R. POLETTI, MSc N.Z., DPhil Oxf., FInstP, FAPS, FRSNZ

Associate-Professors
1963 R. E. WHITE, MSc PhD N.Z., FInstP
1953 J. B. EARNshaw, MSc Manc., PhD, FNZIE
1958 R. F. KEAM, BA Camb., MSc DipHons N.Z., DPhil Oxf.
1966 A. P. STAMP, MSc N.Z., DPhil Oxf., FInstP (on leave)
1967 P. C. M. YOCK, MSc N.Z., PhD M.I.T.
1968 F. N. ORANGE, MSc N.Z., MInstP

Senior Lecturers
1960 R. J. CLEGG, MSc N.Z., MIEE
1963 J. R. STOREY, MSc PhD N.Z., MInstP (on leave)
1961 R. GARRETT, BA MSc N.Z., PhD, MInstP
1963 A. CHISHOLM, MSc N.Z., PhD, MInstP
1969 C. D. STOW, BSc PhD Manc., FInstP
1971 P. H. BARKER, BA Oxf., PhD Manc., MInstP
1969 Z. C. TAN, BSc N.Z., MSc PhD, MInstP, CEng, MIEE
1970 G. E. J. BOLD, BSc N.Z., MSc PhD, MInstP, MIEEE
1970 M. D. JOHNS, BSc N.Z., MSc PhD, MInstP, MIEEE

1980 Calendar
1971 G. D. PUTT, BSc PhD Melb., MAIP, MInstP
1972 C. T. TINDLE, PhD Br. Col., MSc, MInstP
Senior Lecturer in Biophysics
1975 J. D. HARVEY, PhD Sur., MSc
Senior Lecturer, Physico-Chemistry

Lecturer in Geophysics
1979 B. J. BRENnan, BSc PhD
Senior Research Fellow
H. NAYLOR, MSc N.Z., PhD

PHYSIOLOGY, see Medicine and Human Biology

POLITICAL STUDIES

Professor, Head of Department
1948 R. M. CHAPMAN, MA N.Z.
Associate-Professors
1965 RUTH H. BUTTERWORTH, MA DPhil Oxf.
1972 J. S. HOADLEY, BSc Purdue, MA Calif. State, PhD Calif.
Senior Lecturers
1967 G. W. A. BUSH, MA N.Z., PhD Brist., DipEd
1968 B. S. GUSTAFSON, MA N.Z., DipEd Massey, DipSovStud Glas., PhD
1969 E. P. AIMER, MA N.Z., PhD A.N.U.
1969 R. I. D. TAYLOR, BA MSc PhD Lond.
1970 J. D. PRINCE, MA Case W. Reserve Ohio & Auck.
Lecturer
1979 J. B. ATKINSON, MA Cant., MPhil Yale

PSYCHIATRY, see Medicine and Human Biology

PSYCHOLOGY

Professor, Head of Department
1978 M. C. CORBALLIS, BA MSc N.Z., PhD McGill., MA
Professors
1961 H. SAMPSON, MA Br. Col., PhD McGill., FNZPsS
1962 R. J. IRWIN, MA N.Z., PhD Tufts., FNZPsS
Associate-Professors
1964 I. L. BEALE, MSc N.Z., PhD
1968 G. M. VAUGHAN, MA N.Z., PhD Well., FNZPsS
1969 M. C. DAVISON, BSc Brist., PhD Otago
Associate-Professor, Optometry
1970 L. A. F. STOCKLEY, FBOA, FSMc, FAAO
Senior Lecturers
1965 J. A. GRIFFEN, MA N.Z., PhD Well.
1966 P. J. RIDDICK, BA N.Z., MA PhD
1968 G. D. de F. von STURMER, BA N.Z., MA Melb., PhD
1969 B. J. KIRKWOOD, BA N.Z., MA (on leave)
1972 VALERIE D. HOLLAND, MA PhD (on leave)
Senior Lecturers in Behavioural Science
1962 BETTY M. BERNARDELLI, (Mrs), MA Camb.
1970 JUDITH M. DUBIGNON, PhD Qu., MA
1970 D. M. WEBSTER, MA PhD
Lecturer
1971 D. M. CÔLGAN, MA Well., PhD
Senior Lecturers in Optometry

Senior Tutor in Behavioural Science
1975 R. G. R. NAIRN, MSc
Honorary Lecturer
G. G. TALBOT, MBChB, N.Z., FRCSEd, FRCS, FRACS

Associates in Clinical Psychology
BRIGID A. BARRER, MA DipClinPsych Cant.
ALOMA H. COLGAN, BA Well., PhD DipClinPsych
SUSAN M. FITCHETT, MA DipClinPsych
F. A. MASTERS, MA
J. D. RAINLEY, MA PhD
N. N. SINGH, MA

Clinical Associates, part-time in Optometry
K. W. ATKINSON, FBOA, DCLP
B. G. HENDERSON, BSc DipOpt
G. R. KEARNEY, BSc, SDONZ
A. J. NELSON, BSc DipOpt
N. G. RITCHIE, BSc, SDONZ

Visiting Ophthalmologist (Part-time)
A. T. MORRIS, MDChB Otago, FRCS

ROMANCE LANGUAGES

Professor of French, Head of Department
1953 K. J. HOLLYMAN, MA N.Z., DU Paris
Associate-Professor of French
1960 A. S. G. BUTLER, MA N.Z., DU Paris (on leave)

Senior Lecturers in French
1957 W. F. POLLARD, MA Dub.
1970 M. DANIELLE JAMIESON, (Mrs), LésL, Dipd’EtSup Lille
1969 J. C. CORNE, MA PhD
1966 JUDITH I. A. GRANT, MA N.Z., PhD Tor., Dipd’EtSup Paris, CertPhon Inst. de Phon., Paris
1970 B. D. MCKAY, DU Paris, MA
1972 GLENN Y. EKAMBI, (Mrs), Dipd’EtSup Besançon, MA
1978 P. A. PETIT, Certd’EtLit, DèsL Bordeaux, MA Penn.

Senior Lecturers in Italian
1968-70, 1974 M. D. HANNE, BA Oxf.
1971 R. B. BACKHOUSE, MA (on leave)

Senior Lecturers in Spanish
1974 CELIA M. W. MUNUERA, (Mrs), BA Birm., PhD Lond. (on leave)

Lecturer in French
1961 GISELLE SCHENIRER, (Mrs), BA N.Z.

Lecturer in Italian
1980 L. E. SIMMONS, MA

Lecturer in Spanish

Senior Tutor in Italian
1968 MEME CHURTON, (Mrs)

Tutor in Spanish
1978 FIONA M. TALER, (Mrs)

RUSSIAN

Senior Lecturer (in charge)
1970-72, 1975 H. P. STOFFEL, DrPhil Zür.
Senior Lecturer
1975 I. K. LILLY, MA Cant. & Monash, PhD Wash.
Lecturer
1962 ALEKSANDRA CASSELTON, (Mrs), BA N.Z., MA

SCANDINAVIAN STUDIES, see Germanic Languages and Literature

SOCIOLOGY

Professor, Head of Department

Senior Lecturers
1972 D. R. BEDDGGOOD, MA Cant., DPhil Waik.
1974 K. MALALGODA, BA Ceyl., DPhil Oxf. (on leave)
1973 A. J. C. MACPHERSON, MA DPhil Waik. (on leave)
1977 N. H. PERRY, BA Strath., BSc (Soc) Lond.
Lecturer
1977 P. Th. DE DECKKER, DesL Paris

SPANISH, see Romance Languages

SURGERY, see Medicine and Human Biology

THEORETICAL AND APPLIED MECHANICS, see Engineering

TOWN PLANNING

Professor, Head of Department
1969 I. E. BOILEAU, MA Camb., PhD Manc., DipTP Lond., FRTP, MNZPI, FRAPI
Senior Lecturers
1963 J. R. DART, MSc DIC Lond., DipTP, MNZIS, MNZPI
1965 M. H. PRITCHARD, BSc Wales, DipTP, MNZPI
1968 D. R. HALL, LLB N.Z., DipTP, MNZPI, LLM
1974 M. A. TAYLOR, MA N.Z., PhD Lond., MRTPI, MNZPI
1978 D. BOLT, FRAIA, FRAPI
Lecturer, part-time
H. A. TURBOTT, BArch N.Z., MLA Harv., DipUrbVal

ZOOLOGY

Professor, Head of Department
1972 E. C. YOUNG, MSc N.Z., DIC, PhD Lond.
Senior Professor
1960 J. E. MORTON, MSc N.Z., PhD DSc Lond., FRSNZ
Associate-Professors
1957 PATRICIA R. BERGQUIST, MSc PhD N.Z., DSc
1958 M. C. MILLER, BSc PhD Liv.
Senior Lecturers
1958 D. R. COWLEY, MSc N.Z., PhD
1968 P. F. JENKINS, BSc N.Z., PhD
1968 R. D. LEWIS, BSc PhD Wales

1980 Calendar
1970 B. A. FOSTER, PhD Wales, MSc
1972 J. H. CHOAT, MSc Well., PhD Q'ld.
1972 J. A. MacDONALD, AB Stan., PhD Texas (on leave)

Lecturers
1976 J. L. CRAIG, BSc Otago; PhD Massey
1978 J. C. MONTGOMERY, BSc Otago, PhD Brist.
1976 R. M. G. WELLS, PhD Lond., MSc
1977 B. H. McARDLE, BSc Bris., DPhil York (U.K.)

Senior Tutors
1967 MAUREEN H. LEWIS, MSc
1973 SHIRLEY M. MARTIN, BSc Well.
1976 R. MERE ROBERTS, (Mrs), BSc Cant., MSc
1973 JOAN M. MILLER, (Mrs), BSc Liv.
1973 CATHERINE A. TIZARD, (Mrs), BA N.Z.

Junior Lecturer
1979 C. R. GREEN, MSc

Honorary Research Fellow
JOAN ROBB, MSc DipAgr Cant. U. Coll.
HONORARY GRADUATES

HER MAJESTY QUEEN ELIZABETH, THE QUEEN MOTHER,

* SIR RONALD MACMILLAN ALCIE,

KATHLEEN ALISON,

PAUL JOHN BEADLE,

* KEITH EDWARD BULLEN,

SIR JACK RICHARD BUTLAND,

WILLIAM HENRY COOPER,

* ARTHUR GEOFFREY DAVIS,

SIR RAYMOND WILLIAM FIRTH,

SIR CHARLES ALEXANDER FLEMING,

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WILTON ERNEST HENLEY,

OLIVE AVERIL JOHNSON,

* HIS GRACE ARCHBISHOP JAMES MICHAEL LISTON,

* ALEXANDER MACBEATH,

* ALEXANDER HUGH McCOMMON,

ROY GRANVILLE McELROY,

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WALTER SCHEEFL,

* WILLIAM ARTHUR SEWELL,

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* NORMAN BERRIDGE SPENCER,

SIR WILLIAM ALFRED STEVENSON,

THE VERY REV. MARTIN GLOSTER SULLIVAN,

SIR ALEXANDER KINGCOME TURNER,

FRANCIS JOHN TURNER,

* Deceased
PROFESSORES EMERITI

RICHARD PAUL ANSCHUTZ, MA N.Z., PhD Edin. (Philosophy) Retired 1961

EDWARD MUSGRAVE BLAIKLOCK, OBE, MA LittD N.Z. (Classics) Retired 1968

ARCHIBALD GORDON BOGLE, BE N.Z., DPhil Oxf., CEng, FIEE, FNZIE (Engineering) Retired 1978

DENNIS BROWN, DSc Brist., FInstP, FRSNZ (Physics) Retired 1967

PERCY WILLIAM BURBIDGE, CBE, MSc N.Z., BAR es Camb., FPhysSoc Lond. (Physics) Retired 1956

VALANTINE JACKSON CHAPMAN, OBE, MA PhD Camb., FLS (Botany) Retired 1975

KENNETH BRAILEY CUMBERLAND, MA Lond., DSc N.Z., FRSNZ (Geography) Retired 1978

HENRY GEORGE FORDER, MA Camb., Hon DSc N.Z., FRSNZ (Mathematics) Retired 1955

MICHAEL KENNEDY JOSEPH, MA N.Z. & Oxf., BLitt Oxf. (English) Retired 1980

ROBERT TERENCE KENNEDY, CBE, FRIBA, MTPI, ANZIA, MNZPI (Town Planning) Retired 1968

ALLWYN CHARLES KEYS, Ld'H, MA N.Z., Dipd'EtSup DU Paris, Certd'EtPrat (Romance-Languages) Retired 1971

ALFRED CHARLES LIGHT, BA Lond., FRIBA, FRSA, FNZIA (Architecture) Retired 1968

ARNOLD ROBERT LILLIE, MA Camb., DesSc Geneva, FRSNZ (Geology) Retired 1975

NEIL ALLMAN MOWBRAY, BE N.Z., CEng, FICE, FNZIE (Engineering) Retired 1977

SYDNEY MUSGROVE, MA DPhil Oxf. (English) Retired 1980

CHARLES NALDEN, CBE, BMus Durh. & Lond., DMus Lond.. (Music) Retired 1974

ERIC MUSARD NANSION, MBChB N.Z., FRCS, FRCSCan, FACS, FRACS (Medicine) Retired 1980

ERNEST JOHNSTONE SEARLE, MSc N.Z., DSc (Geology) Retired 1972

RICHARD HORTON TOY, BArch N.Z., PhD Dub., RIBA (Architecture) Retired 1977

RALPH WINTERBOURN, MA DipEd N.Z., PhD Lond., FBPsS (Education) Retired 1975
LIBRARY

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Deputy-Librarian
H. O. ROTH, BA N.Z., DipNZLS, FNZLA

Head of Acquisitions
ALISON M. GRANT, BA, DipNZLS, ANZLA

Head Cataloguer
M. T. HORNBSBY, MA Oxf., Camb., & N.Z., DipNZLS, ANZLA

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WENDY S. GARVEY, (Mrs), BA Well., DipNZLS

Asian Languages Librarian
S. Y. CHANG, LLB Natnl. Taiwan, DipNZLS

Biological Sciences Librarian
FLAVIA A. CLIFFORD-WHITE, BSc Otago, DipNZLS, ANZLA

Engineering Librarian
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Fine Arts Librarian
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Geology Librarian
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Librarian, Centre for Continuing Education
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Music Librarian
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Science Librarian
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JENNIFER J. HART, MA, DipNZLS, ANZLA

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N. C. HEINZ, MA Well., DipNZLS

B. A. HOWIE, BA Well., DipNZLS

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MARGARET E. KNIGHTBRIDGE, NZLACert

JOAN M. LAW, MA, DipNZLS

K. H. LUN, BA Nan. & Well., MA Well., DipNZLS
HELEN R. RENWICK, BA Cant., DipNZLS
ROSLYN M. SMITH, LLB, DipNZLS
E. S. STEWART, BA Waik., DipNZLS, ANZLA
JACQUES deB. TURNER, (Mrs), BA N.Z., ALAA
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ADMINISTRATION

Vice-Chancellor
C. J. MAIDEN, ME N.Z., DPhil Oxf.

Deputy Vice-Chancellor
T. N. M. WATERS, MSc PhD N.Z., DSc, FNZIC

Assistant Vice-Chancellors
P. N. TARLING, MA PhD LittD Camb., FRAS, FRHistS
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Assistant to the Vice-Chancellor (Buildings and Site Development)
D. HALL, MSc PhD N.Z., DSc, FNZIC, FRSNZ

Assistant to the Vice-Chancellor (Student Accommodation and Welfare)
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Vice-Chancellor’s Secretary
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Council Committee Clerk
VALRAE J. COLLINS
Registrar’s Secretary
JOCELYN I. HIGGINS, (Mrs)

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Head of the Audio-Visual Centre
R. H. BOYD-BELL, BA
Assistant Registrar, Student Accommodation
G. T. OLIVER
Senior Administrative Assistant, Student Accommodation
MARGERY MACKY
Managing Editor, Auckland University Press
R. D. McELDOWNEY
Information Officer
P. S. RUSSELL, BA N.Z., MA
University Binder

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B. A. CRIMP, BA LLB
Deputy Registrars, Academic
R. D. STARK, BSc (Econ) Lond.
LORNA A. WILSON, (Mrs), JP
Assistant Registrar, Academic
V. PREECE, JP, MA N.Z.
Senior Administrative Assistants
J. R. CLARKE
M. G. CRONIN
F. R. V. MILNE, BA Lond.
F. A. C. NICHOLSON, MA
Administrative Assistants
K. G. BRADFORD
FRANCES H. C. KINNAIRD, BEd Edin.
S. F. PENK, MA Otago, BA

FINANCE SECTION
Finance Registrar
W. B. NICOLL, BCom, ACA
Assistant Registrars, Finance
B. M. COCKER, ACA
J. J. BRADLEY, JP, ACA, ACIS
R. J. TOWNSEND, ACA
Assistant Registrar, Purchasing
G. J. SANDERSON, BSc Massey, MNZIC
Assistant Registrar, Salaries
M. WONG SHEE
Internal Auditor
P. G. DORMON, ACA
Senior Administrative Assistants
ELSIE E. CARR
FAYE GROOM, (Mrs)
GWYNNE E. McGOUGH, (Mrs)
R. PRESTON, ACA, ACIS

PERSONNEL SECTION
Staff Registrar
D. J. McINTYRE
Assistant Registrar
G. E. W. THOMAS, BA
Senior Administrative Assistants
M. V. LELLMAN
ELIZABETH P. PORT, (Mrs)
Administrative Assistant
ROBIN V. HUDSON
Faculty of Commerce
Senior Administrative Assistant
HILARY SMEETON, (Mrs), BA Otago
Centre for Continuing Education
Senior Administrative Assistant
G. J. DIBLEY, BA
Administrative Assistants
BETTY FITZGERALD
CHRISTINE A. CLARKE, BSc Lond., PGDA Otago
School of Engineering
Assistant Registrar (Engineering)
G. C. BEACH
School of Medicine
Assistant Registrar (School of Medicine)
M. A. ROBINSON, BA Cant.
Senior Administrative Assistant
A. P. HOLLOWAY
Administrative Assistant
JOY L. GILCHRIST
School of Architecture
Senior Administrative Assistant
G. P. LAWS
School of Law
Administrative Assistant
MARILYN O. PARR, (Mrs)

Department of Anthropology
Senior Administrative Assistant
SANDRA JONES, (Mrs), BA Q'ld.

Department of Chemistry
Senior Administrative Assistant
PEGGY W. PARKINSON

Geothermal Institute
Administrative Assistant
SHIRLEY A. FORDE, (Mrs), BA

Department of Psychology
Senior Administrative Assistant
W. A. P. FACER, BCom

Department of Zoology
Senior Administrative Assistant
D. J. S. HARVEY

WORKS SECTION
Works Registrar
R. W. NICOL, BSc N.Z., CEng, MIEE, MNZIE
Senior Assistant Registrar, Services
P. S. KOLLER, BArch Natal, ARIBA
Assistant Registrars, Works
G. LONG, BA
R. K. JOHNSON, FCIS
Assistant Registrar Mechanical Services
B. S. PARKER, MSc Aston, CEng, FIProdE, MIMechE, MIEAust
Building Supervisor
E. V. ROSCOE
Senior Administrative Assistant, Services
C. B. M. JACKSON, BA
Senior Administrative Assistant, Electrical
T. R. O. PROBINE
Senior Administrative Assistant, Buildings
J. M. SWEENEY
Draughtsman, Works and Services
D. K. CAMPBELL
Accountant, Services
G. F. ERKKILA
Senior Administrative Assistant
P. M. WHITE, BArch
Administrative Assistant, Stores
J. G. HARROP
Superintendent of Horticulture
J. EIBERG
Assistant Superintendent of Horticulture
A. PALMER
Grounds Superintendent, University Park
L. A. ALLPORT
University Custodian
A. E. YATES
Deputy University Custodian
J. D. CLARK
N.Z. ENERGY RESEARCH AND DEVELOPMENT COMMITTEE

Executive Officer
G. S. HARRIS, PhD N.S.W., ME
Programme Manager
A. R. ARNOUX, IngEnsia Massey (Fr), DèsL Paris

APPLIED RESEARCH OFFICE

Executive Officer
J. G. FLETCHER, BSc N.Z., MSc, FNZIC

WELFARE SERVICES

Director of Welfare Services and Medical Director of the Student Health Service
1972 D. H. FINLAYSON, MBChB Glas., MRCGP
Nursing Sister
JUANITA R. CLARKE, (Mrs), NZRN
Head of the Counselling Service
1965 LORNA A. MCLAY, (Mrs), BA DipEd N.Z.
Counsellors
1976 D. W. SIMPSON, BA Cant., MA Well. DipEdPsych
1972 B. R. LYTHE, MA
Maclaurin Chaplain to the University

National Council of Churches Chaplain to the University

Roman Catholic Chaplain
A. LOUGHMAN, (Rev. Fr.), OP.
Physical Recreation Officer
1976 S. C. HOLLINGS, DipPH Madeley Coll., Keele
Gymnasium Supervisor
L. T. HADFIELD

LIAISON OFFICE

Liaison Officer with Secondary Schools
1949 M. G. SEGEDIN, MSc N.Z., MA Indiana
Deputy Liaison Officer
1978 R. A. SPURDLE, DipEd Cant., MA

CAREERS ADVISORY SERVICE

Careers Adviser
1976 W. G. NASH, ANZIM, ANZIPM

HIGHER EDUCATION RESEARCH

Higher Education Research Officer
1974 J. JONES, BSc PhD Wales

COMPUTER CENTRE

Operations Manager
J. D. LUFF
Senior Computer Programmer
J. R. POWELL
STUDENT UNION

Assistant Registrar
J. S. CLARKE

Accountant
G. BOWERS, DipBIA

Artistic Director
ROsalind M. REFOY, (Mrs), AGSM Lond
Theatre Administrator (Maidment Aris Centre)

F. C. HOBSON
General Statutes and Regulations

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CONFERRING OF DEGREES AND ACADEMIC DRESS REGULATIONS

1. Every Degree and every Diploma of the University shall be conferred or awarded in pursuance of a resolution of the Council in that behalf and at a meeting of the Council by the Chancellor or if he is absent from New Zealand or incapacitated by sickness or otherwise then by the Vice-Chancellor.

2. Every recipient of a Degree shall receive a certificate in appropriate form, under the Common Seal of the University, that his degree has been conferred and stating the class of honours (if any) awarded to him.

3. Every Diploma shall be in appropriate form under the Common Seal of the University.

4. In May of each year the Council shall meet in Convocation of the University for a ceremony of conferring Degrees and awarding Diplomas. Any person desiring to have his Degree conferred, or his Diploma awarded (whether in person or in absentia) at such a ceremony shall give notice of his desire to the Registrar not later than 10 April in the year of the ceremony.

5. The form of words to be used by the Chancellor (or Vice-Chancellor) in conferring a Degree shall be as follows:

   'By authority vested in me as Chancellor (or Vice-Chancellor) I now proceed to confer the Degrees stated upon those who, within their several Faculties, have satisfied the requirements of this University.'

6. The form of words to be used by the Chancellor (or Vice-Chancellor) in awarding a Diploma shall with the necessary changes be the same as for the conferring of a Degree.

7. The regulations for academic dress shall be as follows.

   (a) Graduates must appear at all public ceremonies of the University in the academic costume proper to their degree, but doctors may on special occasions wear a scarlet gown and graduates admitted Ad Eundem Statum may wear the academic costume of their own University. Unless the holder of a diploma is also a graduate, the only academic dress he may wear is an undergraduate gown.

   (b) The robe for the Chancellor of the University is a blue damask gown with facings of gold lace, bearing on each shoulder the coat of arms of the University. The cap is a black velvet trenched with gold lace and tassel.

   The robe for the Pro-Chancellor is a black silk gown with facings of blue silk and gold lace, bearing on each shoulder the coat of arms. The cap is a black velvet trenched with gold tassel.

   The robe for the Vice-Chancellor is a blue silk gown with facings of silver lace, bearing on each shoulder the coat of arms. The cap is a black velvet trenched with silver lace and tassel.

   The robe for the Registrar is a gown of black silk with facings of blue silk, bearing on each shoulder the coat of arms. The cap is a black velvet trenched with black silk tassel.

   (c) The gown for a Bachelor's degree is as for the Cambridge Bachelor of Arts. The gown for a Master's degree is as for the Cambridge Master of Arts. The hood for every degree is the size and shape as for the Cambridge Master of Arts. The hood for a Bachelor's degree is lined with coloured silk and bordered with white fur. The hood for a Master's degree is lined with coloured silk only.

   The colours of the linings of the hoods for the Bachelors' and Masters' degrees are as follows:

   - Architecture: lemon (BCC 111 primrose)
   - Arts: pink (BCC 32 rosepink)
   - Commerce: orange (BCC 57 spectrum orange)
   - Engineering: violet (BCC 179 violet)
   - Fine Arts: gold (BCC 114 gold)
   - Laws: light blue (BCC 194 pompadour)

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Medicine
BHB ..................................................... lilac (BCC 228 mayflower lilac)
MBChB, MMedSc .................................. crimson (BCC 240 medici crimson)
Music ...................................................... white (BCC 1 white)
Science .................................................. dark blue (BCC 87 empire blue)
Town Planning ..................................... light green (BCC 171 chartreuse green)

(d) The gown for the degree of Doctor of Philosophy is as for the Cambridge Master of Arts with the addition of facings four inches wide of scarlet satin (3in-BCC 209 post office red) edged with gold satin (1in-BCC 114 gold). The hood is made wholly of scarlet silk.

(e) The gown for a Doctor's degree other than that of Doctor of Philosophy is as for the Cambridge Master of Arts but it is made of black silk or of scarlet silk or cloth. The hood is made wholly of silk and is of the following colours for the different degrees:

Laws...................................................... light blue (BCC 194 pompadour)
Literature ............................................. pink (BCC 32 rosepink)
Music ...................................................... white (BCC 1 white)
Science .................................................. dark blue (BCC 87 empire blue)

(f) The cap for all graduates other than Doctors and the officers of the University is a black trencher with a tassel.

(g) The cap for all Doctors other than the officers of the University is as for the full dress Cambridge Doctor of Philosophy, namely a round black velvet bonnet with a gold cord around the crown ending in tassels.

Notes: (1) The colour of the lining of the hood for the Degree of Master of Philosophy is that of the Faculty in which the Degree is taken.

(2) Number references are from the British Colour Council Dictionary of Colour Standards. Approximate colours in the substitute material satin may be seen on a chart at the inquiry counter at the Registry.

(3) Satin or taffeta is frequently used as a substitute material for silk which is not always obtainable.

AWARD OF HONORARY DEGREES
Clause 19(3) of the University of Auckland Act 1961 gives Council power to confer any degree as an honorary degree in accordance with such conditions as it may prescribe:

Provided that no honorary degree shall be conferred on any person by the Council unless that person has been recommended therefor by a joint committee of the Council and the Senate set up in accordance with the Statutes or Regulations of the University. Pursuant to the above clause of the Act, Council has drawn up regulations and set up an Honorary Degrees Committee for the conferment of the following honorary degrees.

Doctor of Laws
Doctor of Science
Doctor of Literature
Doctor of Music
Any Master's Degree

Information regarding the procedure and criteria for the nomination of a candidate for one of the above honorary degrees may be obtained from either the Vice-Chancellor or the Registrar.

MATRICULATION REGULATIONS
1. To matriculate a student must have been granted
(a) (i) The University Entrance qualification by the Universities Entrance Board either by accrediting or examination; or (ii) admission by the Universities Entrance Board at the standard of the University Entrance examination; or (iii) admission under the provisions of the admission Ad Eundem Statum Regulations; or (iv) admission under the provisions of the Provisional and Special Admission Regulations; and
(b) a place at the University.

2. No person shall be eligible to matriculate
(a) while enrolled for full-time instruction in a secondary school, combined school or registered private, secondary, or technical school; and
(b) unless he has attained the age of sixteen years by 31 December in the year preceding his application for matriculation, provided that the Senate may in exceptional circumstances permit a person who has not attained that age to matriculate.
Matriculation Declaration
3. Every student shall upon entering the University make the following declaration "I do solemnly promise that I will faithfully obey the Statutes and Regulations of the University of Auckland so far as they apply to me."

4. (a) All students, other than those enrolled for the Diploma in Gynaecology and Obstetrics, the Diploma in Obstetrics and the Diploma in Paediatrics, shall complete the matriculation declaration not later than 31 March or such later date that Senate approves in the year in which they enrol.

(b) A student who enrolls for the Diploma in Gynaecology and Obstetrics and who is required to matriculate, shall complete the matriculation declaration not later than (i) 31 March for the June examination, (ii) 30 September for the December examination, or such later date that Senate approves in the year in which he enrols.

(c) A student who enrolls for the Diploma in Obstetrics and who is required to matriculate, shall complete the matriculation declaration not later than (i) 31 May for the August examination, (ii) 30 November for the March examination in the following year, or such later date that Senate approves in the year in which he enrols...

(d) A student who enrolls for the Diploma in Paediatrics, and who is required to matriculate, shall complete the matriculation declaration not later than 31 October or such later date that Senate approves in the year in which he enrols.

PROVISIONAL ADMISSION AND SPECIAL ADMISSION REGULATIONS
Subject to the provisions of the University of Auckland Act 1961, S. 24, and to the provisions of these regulations any candidate who is not otherwise qualified for admission to the University may be granted provisional or special admission to courses for degrees, diplomas, professional qualifications, or certificates.

Provisional Admission
1. A candidate who has attained the age of twenty-one years by 31 December in the year preceding that for which application is made may be granted provisional admission to a Course of Study for a degree, diploma, professional qualification, or certificate provided that this minimum age requirement may be waived where the candidate is otherwise eligible to be granted admission to a Course on the basis of any of the following qualifications.

(a) the New Zealand Certificate in Building:
(b) the New Zealand Certificate in Draughting (Architecture):
(c) the New Zealand Certificate in Draughting (Town and Country Planning):
(d) the New Zealand Certificate in Engineering:
(e) the New Zealand Certificate in Quantity Surveying:
(f) the New Zealand Certificate in Science:
(g) the New Zealand Certificate in Town Planning:
(h) two years of study at a Teaching College and the attainment of a standard considered satisfactory by the Senate.

2. As long as a candidate’s admission remains provisional he may enrol only for papers or subjects of the Course of Study for which he was granted provisional admission.

3. A candidate’s admission shall cease to be provisional when he
(a) having been admitted direct to a Professional year in Architecture, Engineering, or Fine Arts, or to a Town Planning Examination, has qualified to proceed to the next Professional Year or Town Planning Examination as the case may be, or
(b) having been admitted to the Course of Study for the Degree of Bachelor of Science has gained not fewer than thirty-six credits, or
(c) having been admitted to any Course of Study other than those specified in this regulation, has passed an equivalent full-time course approved for a particular Course of Study.

4. When a candidate’s admission ceases to be provisional he may enrol for any other Course of Study for which he is eligible.

Notes: (i) If candidates are under the age of 25 they will generally be advised by the Senate to sit the University Entrance Examination, unless their applications show professional or technical qualifications such as nurses’, mariners’ or air pilots’ certificates.
(ii) Consideration will be given to the amount and kind of secondary school education gained by the applicants and preference will be given to those who are prepared to attend the University full-time.
(iii) Provisional Admission will not be granted to extramural students save in very exceptional circumstances.
Special Admission

Diploma in Music
5. A candidate is eligible to apply for special admission to the Course of Study for the Diploma in Music if he has
(a) attained the age of sixteen years by 31 December in the year preceding that in which he intends to enrol, and
(b) passed the School Certificate Examination,
(c) satisfied the Head of Department of Music that he has attained a suitable standard in music, including performance.

Diploma in Town Planning
6. A candidate is eligible to apply for special admission to the course of Study for the Diploma in Town Planning if he
(a) has attained the age of twenty-one years by 31 December in the year preceding that in which he intends to enrol, and
(b) (i) has been admitted or has qualified for admission to a Degree other than a Degree referred to in Regulation 1 (a) of the Regulations for the Diploma in Town Planning, or
(ii) holds a professional qualification in Architecture, Engineering, Surveying, or Town Planning.

Diploma in Business and Industrial Administration
7. A candidate is eligible to apply for special admission to the Course of Study for the Diploma in Business and Industrial Administration if he
(a) has attained the age of twenty-one years by 31 December in the year preceding that in which he intends to enrol, and
(b) (i) holds or has qualified for the award of a professional qualification in Accountancy, Engineering, Science, or other approved discipline, or
(ii) holds or has qualified for the award of the New Zealand Certificate in Engineering with outstanding merit, or
(iii) has had not less than five years' responsible experience in industry; provided that the Senate may approve a shorter period of practical experience where the candidate has followed an approved course of study at a University for at least two years and passed the appropriate examinations.
8. A candidate for admission to a Course of Study for a degree or diploma of this University, who, by reason of his qualification in a Course for a New Zealand Certificate or the Professional Examination in Accountancy, may be eligible for exemptions, shall seek special admission to the Course of Study for that degree or diploma whether or not he is a matriculated student or holds a University Entrance qualification.
9. A candidate who is granted special admission to a Course of Study is entitled to enrol only for the Course of Study for which special admission was granted.

Procedure
10. A candidate seeking provisional or special admission shall
(a) make application to the Registrar on the appropriate form, and
(b) submit satisfactory evidence of age, and
(c) submit evidence of educational qualifications, and also, in the case of applications for provisional admission, any other evidence to indicate that he is qualified to enter upon the Course of Study with reasonable prospect of success, and
(d) pay the prescribed fees, and
(e) for all Courses of Study except for the Diploma in Gynaecology and Obstetrics and the Diploma in Obstetrics make application not later than January 10 in the year in which he wishes to enrol provided that on payment of the prescribed fees and a late fee of $10, an application may be considered if it is made not later than the last day of the enrolling period preceding the commencement of the first term.
Notwithstanding anything in this section, on payment of a fine of $10 in addition to the prescribed fees and late fee, and subject to the approval of the Vice-Chancellor, an application may be considered after the last day of the enrolling period in each year.
(f) for the Course of Study for the Diploma in Gynaecology and Obstetrics make application not later than
   (i) 1 March for the June examination
   (ii) 1 September for the December examination
   in the year in which he wishes to enrol.
(g) for the Course of Study for the Diploma in Obstetrics make application not later than
   (i) 1 May for the August examination
   (ii) 1 November for the March examination in the following year
   in the year in which he wishes to enrol.
(h) for the Course of Study for the Diploma in Paediatrics make application not later than 1
   October in the year in which he wishes to enrol.

ADMISSION AD EUNDEM STATUM REGULATIONS

1. Subject to the provisions of the University of Auckland Act, 1961, S. 24, and to the
   provisions of these regulations the Council may admit any person Ad Eundem Statum to any
   degree or other academic qualification or part thereof
   provided that a student from another university in New Zealand seeking admission to any
   undergraduate course shall only be granted admission Ad Eundem Statum if in the opinion of
   the Senate there are compelling circumstances for his transfer to this University.

Credits towards first Degree or Diploma

2. On an application for the right to proceed to a Bachelor's degree or a diploma the Council
   may, for work which in the opinion of the Senate is substantially corresponding or equivalent,
   grant credits and exemptions for courses, papers, or subjects, whether specified or unspecified,
   including permission to advance in specified subjects.

Right to proceed to Higher Degree

3. On an application for the right to proceed to a higher degree or diploma with honours, the
   Council may grant admission to the status of the holder of a degree or diploma with the right
   to proceed to a specific higher degree or diploma with or without honours provided that the
   applicant complies with any prerequisites prescribed or required by Council for such degree or
   diploma.

Procedure

4. (a) A student from an overseas university shall
   (i) make written applications to the Registrar on the appropriate form,
   (ii) submit such evidence as the Senate may require of academic standing and of any degree
       obtained at a former university.
   (iii) submit a declaration of identity,
   (iv) pay the prescribed fee,
   (v) make application for any undergraduate Course of Study not later than 30 September in the
       year preceding that in which he wishes to enrol or for any graduate Course of Study not later
       than 31 January in the year in which he wishes to enrol provided that a late application may be
       accepted only with the permission of the Senate and on payment of a fine of $20.
       Notwithstanding anything in this section, on payment of a fine of $10 in addition to the
       prescribed fees and late fee, and subject to the approval of the Vice-Chancellor, an application
       may be considered after the last day of the enrolling period in each year.
   (vi) for the Course of Study for the Diploma in Gynaecology and Obstetrics make application
       not later than
       1 March for the June examination
       1 September for the December examination
       or such later date that Senate approves in the year in which he enrols
   (vii) for the Course of Study for the Diploma in Obstetrics make application not later than
       1 May for the August examination
       1 November for the March examination in the following year
       or such later date that Senate approves in the year in which he enrols.
   (viii) for the Course of Study for the Diploma in Paediatrics make application not later than
       1 October or such later date that Senate approves in the year in which he enrols.

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(b) A student from another university within New Zealand, in the year in which he wishes to enrol, shall
(i) make written application to the Registrar on the prescribed form;
(ii) request the Registrar of his former university to forward a copy of his official record to the University of Auckland;
(iii) for all Courses of Study other than for the Diploma in Gynaecology and Obstetrics, Diploma in Obstetrics and Diploma in Paediatrics make application not later than 10 January in the year in which he wishes to enrol, provided that a late application may be accepted only with the permission of the Senate and on payment of a fine of $20;
(iv) for the Course of Study for the Diploma in Gynaecology and Obstetrics make application not later than
1 March for the June examination
1 September for the December examination
or such later date that Senate approves in the year in which he enrols.
(v) for the Course of Study for the Diploma in Obstetrics make application not later than
1 May for the August examination
1 November for the March examination in the following year
or such later date that Senate approves in the year in which he enrols.
(vi) for the Course of Study for the Diploma in Paediatrics make application not later than
1 October or such later date that Senate approves in the year in which he enrols.

Completion of Degree or Diploma at another University.
5. A student who leaves the University of Auckland district either to reside in another university district within New Zealand or to reside overseas, and who has passed for a degree or diploma of the University of Auckland such part of the work as the Senate may from time to time determine to be the major part of the work for that degree or diploma may, with the approval of the Senate in order to complete that degree or diploma, take appropriate examinations at another University and may, with like approval be granted credits under these regulations for such examinations.

Admission at Entrance Standard
Note: Candidates who are seeking recognition of overseas educational qualifications for the purpose of entry to any New Zealand University should, if admission at entrance standard only is required make written application with the appropriate fee by 1 July of the preceding year to the Secretary, Overseas Students Admissions Committee, PO Box 12-348 Wellington North, New Zealand.

TERMS REGULATIONS
1. Except for the subjects of the Engineering Professional Years these regulations shall apply
(a) to every student intending to present himself for examination in written papers or oral or practical work, other than a student enrolled in accordance with the Extramural Enrolment Regulations and
(b) in respect of
(i) every paper or subject, or part of a paper or subject, and
(ii) every part of a Course of Study where the part is required to be passed as a whole, prescribed for any degree or diploma of the University.
2. Where these regulations apply, a student shall keep terms in each paper or subject or part of a Course of Study and in that paper, subject, or part of a Course of Study shall
(a) attend classes to the satisfaction of the Senate, and
(b) perform to the satisfaction of the Senate such oral, practical, written, and other work as the Senate may require.

Notes: (i) Students will be informed by each department of the specific requirements for terms in that department and the extent to which the year's work will be taken into consideration in assessing final results.
(ii) Every student in the Course of Study for BHB, for the professional examinations for BArch, DipFA, and DipFA (Hons), and in the practical papers for BFA, should note that terms will be awarded not in single papers or subjects but in the whole course for which he is enrolled in that year.

3. A student who satisfies the Senate that he is unable to attend the full Course of Study for which he is enrolled may, on the recommendation of the Head of the Department concerned, be granted partial exemption from lectures.
Terms Carried Forward
4. (a) Terms in any paper or subject shall be good only for the year in which they are kept, provided that upon application the Senate may at its discretion permit those terms to be carried forward to a later year in the case of any student who has been refused an aegrotat or compassionate pass in that paper or subject, or, who in the opinion of the Senate, would incur hardship if he were required to keep terms afresh.
(b) Each application for the carrying forward of terms shall be made in writing to the Registrar not later than 10 January of the year next following that in which the terms were kept, or after that date upon payment of a late fee of $5, provided that no such application shall be made later than 31 January next except with the leave of the Senate and upon payment of a fine of $10 in addition to the late fee of $5.
(c) A student whose terms in a paper or subject have been carried forward to a later year shall not be entitled to apply again under this Regulation for those terms to be carried forward; but otherwise he shall be deemed for all purposes to have kept terms in that paper or subject in that later year.

Note: See regulation (4e) of the Enrolment and Course Regulations (General).

Failure in Papers or Subjects
5. Students granted Terms Carried Forward are subject to the provisions of Regulation 9 of the Enrolment and Course Regulations (General).

Note: For the purpose of this Regulation students shall be deemed to be engaged in academic studies that year whether or not they sit their degree examinations.

Multiple Courses of Study
6. No student shall be eligible to keep terms in the same year for more than two distinct Courses of Study for degrees and diplomas. A student entering for two such Courses of Study shall be permitted to present himself for examination in only two papers or their equivalent more than the maximum allowed in either Course of Study.
7. No candidate shall be eligible to keep terms in any paper or subject for which he has received credit for another degree or diploma.
8. Subject to the provisions of the Regulations for any degree or diploma, no student shall be eligible to keep terms in two stages of a subject in the same year, provided that the Senate may waive this requirement in the case of a student of proven merit.

ENROLMENT AND COURSE REGULATIONS (GENERAL)

Dates of Terms
1. (a) There shall be in each year three terms. The first term shall begin on the first Monday after 25 February and shall end on the Saturday preceding the 19th Monday of the calendar year. The second term shall begin on the 22nd Monday of the calendar year and shall end on the Saturday of the 11th week thereafter. The third term shall begin on the 36th Monday of the calendar year and shall end on 31 October of each year. The Easter recess shall extend from Good Friday to the Tuesday of Easter week, both days inclusive. The mid-term break during the second term shall consist of the whole of the 6th week.
(b) For the purpose of the holding of such examinations as may be required at the conclusion of the University year, all lectures and laboratory courses shall cease about the end of the fifth week of the third term in each year. Under special circumstances lectures may be continued to a date not later than 28 October.
(c) In the School of Engineering there shall be in each year two semesters. The first shall begin on the first day of term as defined in (a) above and end on the Saturday of the 16th week thereafter, with a study break of two weeks at the 11th and 12th weeks. The second shall begin on the 29th Monday of the calendar year and shall end on the Saturday of the 15th week thereafter, with a study break of one week at the 6th and one week at the 11th week.
(d) The examinations in Engineering shall be held after the end of each semester, during a period of nine days.

General Course Provisions
2. (a) Subject to the admission Ad Eundem Statum Regulations and to the express provisions of any other regulations every candidate for a degree, diploma or certificate course shall be required to
(i) be a matriculated student of the University;
(ii) follow the prescribed Course of Study in the order prescribed or indicated in accordance with the regulations governing the Course;
(iii) keep terms in the prescribed subject or subjects in accordance with the Terms Regulations;
(iv) carry out the prescribed practical work (if any);
(v) comply with the provisions of the Examination Regulations;
(vi) pass the prescribed examinations.

(b) The personal Course of Study of every student shall require the approval of the Senate provided that
(i) the Senate may delegate to the Dean of the Faculty within which the student is enrolled the power to give such approval;
(ii) the Senate may in exceptional circumstances approve a personal Course of Study which does not in every particular satisfy the regulations for the degree or diploma for which the student is enrolled;
(iii) where approval of a personal Course of Study has been withheld by a decision of the Dean acting under delegation of that power the student may appeal to the Senate against that decision;
(iv) where options are prescribed for a Course of Study the Senate may at its discretion determine which of them shall be available in any year: provided always that sufficient options shall be available to enable a candidate to complete his Course.

(c) In relation to the time limit for the presentation of a dissertation, original investigation, or thesis 'academic year' shall in these and all other regulations of the University, unless the context requires otherwise, mean the period from the first day of March in one calendar year; to the last day of February in the calendar year next following.

(d) Applications for approval of Senate as required by Regulations governing intended Course of Study
A student who wishes to take in any year a Course of Study which under any regulation for the Degree of Bachelor of Arts or the Degree of Master of Arts requires the specific approval of the Senate, shall make application to the Registrar on the appropriate form not later than 31 January in the year in which he wishes to enrol, provided that with the permission of a Head of Department an application may be accepted after this date.

Eligibility to Enrol
3. (a) Students entitled to enrol at the University of Auckland subject to places being available, and who otherwise fulfil the eligibility requirements shall include
(i) those previously enrolled whose official record remains at this University;
(ii) those living in the area defined in the Appendix of these regulations who wish to enrol for the first time at a university in a course of study in the Faculties of Arts (excluding the Courses for the Diploma in Education Psychology, the Diploma in Language Teaching Studies), Commerce, Law, for the Intermediate Examination, Music, for the Degree of Bachelor of Music, Science (including the subjects of the Architecture and Engineering Intermediate examinations but excluding the Course for the Diploma in Optometry);
(iii) those living in New Zealand south of the area defined in the Appendix of these regulations who wish to enrol for the first time at a university in a course of Study approved for the purposes of this subclause by the Senate.

Each student who wishes and is entitled to enrol must complete a pre-enrolment form by the date prescribed and shall in his enrolment be subject to any restrictions or conditions imposed by the Senate and by the Faculty or Faculties in which he enrols.

Notes: (i) For 1980, pre-enrolment is required for some of the Courses of Study provided for in Regulation 3 (a) (see pre-enrolment).
(ii) There is a limitation on the number of students that can enrol for certain Courses of Study and for certain papers (see pre-enrolment).

(b) Students who may be permitted by the Senate to enrol at the University of Auckland, subject to places being available, and who otherwise fulfil the eligibility requirements shall include
(i) those who wish to enrol for the first time in a Course of Study in the Faculty of Architecture and Town Planning, for the Professional Examinations or Town Planning Examinations,
Engineering, for the examinations for the professional years,
Fine Arts,
Medicine and Human Biology,
Music for the Degree of Bachelor of Music (Performance) or the Diploma in Music or
Diploma in Music with Honours
or for the following Diploma Courses:
Business and Industrial Administration,
Clinical Psychology,
Computational Mathematics,
Criminology,
Drama,
Educational Psychology,
Gynaecology and Obstetrics,
Language Teaching Studies,
Local Government Administration,
Obstetrics,
Optometry,
Paediatrics,
Psychiatry,
Public Health Engineering,
Statistics,
Town Planning,
Valuation;
(ii) those who wish to enrol at a university for the first time and are not entitled to enrol under
subclauses (ii) and (iii) of Regulation 3 (a) of these regulations;
(iii) those who have failed to make satisfactory academic progress in their University studies or
have been excluded from the University;
(iv) those transferring from another university in New Zealand who satisfy the Senate as
required by the Ad Eundem Statum Regulations that there are compelling reasons for their
transfer:
(v) those who wish to enrol to complete the Course requirements of another university in New
Zealand;
(vi) those overseas students granted Admission Ad Eundem Statum with credits; or
(vii) those overseas students selected for admission at entrance level.
Each student not entitled to enrol but who wishes to enrol must complete a pre-enrolment form
by the date prescribed, and if permission to enrol is granted shall in his enrolment be subject to
any restrictions imposed by the Senate and by the Faculty or Faculties in which he enrols.
Notes: (i) For 1980 pre-enrolment is required for some of the Courses of Study provided for in Regulation 3,
(b), (see pre-enrolment).
(ii) There is a limitation on the number of students that can enrol for certain Courses of Study and for
certain papers (see pre-enrolment).

Enrolment
4. (a) Every internal student shall enrol at the university in person before the beginning of the
first term in accordance with the detailed enrolment timetable published in this Calendar: provide
that where a student is, by reason of illness or of any exceptional circumstances beyond his
control, unable to enrol in due time, he may with the permission of the Senate enrol late
without penalty if he
(i) applies for that permission on or before 31 January, or as soon as reasonably possible in any
case where it is after that date that the student becomes ill or the exceptional circumstances
arise; and
(ii) produces with his application a medical certificate or reasonable evidence of the exceptional
circumstances relied upon.
(b) Students whose dissertations, original investigations, or theses for a degree, or diploma, are
incomplete shall be required to re-enrol at the beginning of each academic year until the
dissertation, original investigation, or thesis is presented.
(c) (i) Candidates for the Diploma in Gynaecology and Obstetrics must complete a formal
enrolment and pay the prescribed fees not later than 1 March for the June examination or 1
September for the December examination.

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(ii) Candidates for the Diploma in Obstetrics must complete a formal enrolment and pay the prescribed fees not later than 1 March for the June examination or 1 September for the December examination.

(iii) Candidates for the Diploma in Paediatrics must complete a formal enrolment and pay the prescribed fees not later than 1 October or such date as approved by the Senate.

(iv) Candidates for the final year of the Degree of Bachelor of Medicine and Bachelor of Surgery must complete a formal enrolment and pay the prescribed fees not later than 15 November or such date as approved by the Senate for the commencement of the Trainee Internship year.

(d) Extramural students shall enrol in accordance with the provision of the Extramural Enrolment Statute and Regulations.

(e) Students who have applied for terms to be carried forward and who have not received a decision by enrolment week must enrol and pay fees in the normal way. If an application to carry terms forward is approved the applicant may cancel his enrolment and receive a refund of fees provided that

(i) application for Terms Carried Forward was made before 31 March and

(ii) an 'Alteration to Course' form is completed and lodged at the Registry within fourteen days of the posting of the official notification of approval.

(f) A student who has applied for Ad Eundem Statum Admission, or Provisional Admission, or Special Admission to be eligible to matriculate, and who has not received a decision before the beginning of enrolment week, shall enrol and pay fees as if his application had been granted. If his application is refused he shall be admitted as a non-matriculated student to lectures and laboratories only: provided that his enrolment may be cancelled and his fees fully refunded if within fourteen days of the posting to him of notice of refusal he lodges at the Registry an appropriately completed 'Alteration to Course' form.

(g) A student who is enrolled at another university in New Zealand and who wishes to enrol at the University of Auckland shall submit to the Registrar an application to transfer on the prescribed form not later than 10 January in the year in which he wishes to enrol, provided that a late application may be accepted only with the permission of the Senate and on payment of a fee of $20.

Note: A student wishing to apply for credits towards a degree or diploma offered by the University of Auckland must also comply with the provisions of the Admission Ad Eundem Statum Regulations.

Penalties for Late Enrolment

Fines

5. (a) All students other than those enrolling for DipG&O, DipObst, DipPaed, or for final year of MBChB, shall enrol on the appropriate day and morning or afternoon as set out in the enrolment timetable; provided that enrolments may be accepted after the days prescribed but in no case shall

(i) a student whose home is outside New Zealand be accepted later than the commencement of the second week of lectures, or

(ii) a student permanently resident in New Zealand be accepted later than 31 March, or

(iii) a student be accepted for enrolment in a laboratory subject (including the subject Studio in the Faculty of Architecture and Town Planning and Faculty of Fine Arts) and any subject prescribed for the First, Second or Third Law Examination for LLB or LLB (Hons) Degree or for the Law Professional Examination and any subject in the Faculty of Engineering except with the special permission of the Senate and upon payment of such of the following penalties as the Senate may in its discretion impose on him.

(i) in each case a late fee of $20, and

(ii) in cases where enrolment is applied for after the end of the first week of term an additional fine of $4 for each week or part of a week after the first week of term by which the application for enrolment has been delayed; and

(b) all students enrolling for the Diploma in Gynaecology and Obstetrics shall enrol not later than

(i) 1 March for the June examination

(ii) 1 September for the December examination

provided that enrolments may be accepted after this date upon payment of a fine of $4 for each week or part of a week after 1 March or 1 September by which the application for enrolment has been delayed.
(c) All students enrolling for the Diploma in Obstetrics shall enrol not later than
(i) 1 March for the June examination
(ii) 1 September for the December examination
provided that enrolments may be accepted after this date upon payment of a fine of $4 for each
week or part of a week after 1 May or 1 November by which the application for enrolment has
been delayed.
(d) All students enrolling for the Diploma in Paediatrics shall enrol by 1 October or such later
date as approved by Senate
provided that enrolments may be accepted after this date upon payment of a fine of $4 for each
week or part of a week after 1 October or such later date as approved by Senate by which the
application for enrolment has been delayed.
(e) All students enrolling for the final year for the Degree of Bachelor of Medicine and
Bachelor of Surgery shall enrol by 15 November or such later date as approved by the Senate
provided that enrolments may be accepted after this date upon payment of a fine of $4 for each
week or part of a week after this date by which the application for enrolment has been delayed.

Choice of Course of Study
(f) The Courses of Study of those enrolled after the date prescribed will be determined by the
Senate and will not necessarily conform with those proposed by the students concerned. In
determining such Courses, the Senate will have regard to the prior claims upon both laboratory
and classroom space of those students who have enrolled at the approved time.

PhD Enrolments
(g) The provisions of this regulation do not apply to enrolments for the Degree of Doctor of
Philosophy.

Payment of Fees
6. (a) All fees that cannot be claimed under a study grant or bursary shall be paid in full at
enrolment: provided that the Registrar or his deputy may, in exceptional circumstances grant
an extension of time for the payment of fees.
(b) A student paying fees under a grant of extension of time shall in addition pay an adminis-
tration charge of $10, provided that the Registrar or his deputy may at his discretion waive or
defer payment of the administration charge.
(c) No terms shall be granted or record transferred while monies owing to the University
remain unpaid.

Note: A student who is unable to pay fees at enrolment must interview the Registrar or his
deputy and complete an agreement regarding payment. Extension of time for payment of fees is
not granted as a matter of course but only in exceptional circumstances.

Alterations to Courses of Study
7. Additions, Substitutions or Withdrawals of Papers and Subjects
(a) A student who having completed enrolment wishes to alter his course of study may apply to
the Senate upon the conditions in the schedule of this Regulation for leave to add, substitute,
or withdraw from any paper or subject. All applications made after the commencement of the
first term in each year shall be accompanied by the prescribed fee of $5. All applications to
add, substitute, or withdraw from a paper or subject shall require the permission of the Senate
and shall be lodged at the Registry not later in each year than the date prescribed provided that
late applications may be accepted upon payment of a late fee of $4 for each week or part of a
week by which it is late.

Note: It is not sufficient to notify a change of course of study solely to a Department. An ‘Application to
Alter Course’ form must be handed in at the Registry.

SCHEDULE

Faculty of
Architecture
and Town
Planning  Intermediate and papers in other Faculties — refer appropriate Faculty

ADDITIONS AND SUBSTITUTIONS
BArch, DipVal, and NZIA Special Examinations:
The second Friday after the commencement of the lectures.
Masters Courses:
30 April
All other courses:
31 March

WITHDRAWALS
31 March provided that where lectures in any paper commence after 31 March application to withdraw from that paper will be accepted on or before the second Friday after commencement of those lectures.

<table>
<thead>
<tr>
<th>Faculties of Arts, Commerce, Music, and Science</th>
<th>Subjects in other Faculties — refer appropriate Faculty</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADDITIONS AND SUBSTITUTIONS</td>
<td>Papers commencing after the beginning of the academic year and laboratory papers:</td>
</tr>
<tr>
<td>The second Friday after the commencement of lectures in the papers concerned provided that no substitution may be made after 31 March for a paper taught from the beginning of the academic year Masters courses and linked corequisite papers:</td>
<td></td>
</tr>
<tr>
<td>30 April</td>
<td>All other papers or courses: 31 March</td>
</tr>
<tr>
<td>WITHDRAWALS</td>
<td>Papers commencing after the beginning of the academic year: The second Friday after the commencement of lectures for those papers. All other papers or courses, including Masters 31 March</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Faculty of Engineering</th>
<th>Intermediate and subjects in other Faculties — refer appropriate Faculty</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADDITIONS AND SUBSTITUTIONS</td>
<td>The first Friday after the commencement of lectures in the subjects concerned.</td>
</tr>
<tr>
<td>WITHDRAWALS</td>
<td>31 March for full-year and first half-year subjects and 8 August for second half-year subjects.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Faculty of Fine Arts</th>
<th>Papers in other Faculties — refer appropriate Faculty</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADDITIONS AND SUBSTITUTIONS</td>
<td>Studio: The second Friday after the commencement of the lectures. Masters courses: 30 April All other papers or courses: 31 March</td>
</tr>
<tr>
<td>WITHDRAWALS</td>
<td>31 March</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Faculty of Law</th>
<th>Intermediate and papers in other Faculties — refer appropriate Faculty</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADDITIONS AND SUBSTITUTIONS</td>
<td>LLB, LLB(Hons), and Law Professional: The second Friday after the commencement of the lectures Masters courses: 30 April All other papers or courses: 31 March</td>
</tr>
<tr>
<td>WITHDRAWALS</td>
<td>31 March</td>
</tr>
</tbody>
</table>

1980 Calendar
Faculty of Medicine and Human Biology

ADDITIONS AND SUBSTITUTIONS

Laboratory papers excluding those papers taught entirely in the second half of the year:
The second Friday after the commencement of lectures for those papers.
Papers, including laboratory papers, taught entirely in the second half of the year:
The Friday preceding the mid-term study break for those papers.
Masters courses:
30 April
All other papers or courses:
31 March

WITHDRAWALS

DipG&O and DipObst:
1 April for June examinations or 1 October for December examinations.
DipPaed:
1 November
Final year for MBChB:
15 December in the year of enrolment
All other papers or courses:
31 March

Notes: (i) A student ceasing to take a paper after the prescribed date and before the beginning of term three is strongly advised to notify the Registry accordingly. The date of notification will be entered against the enrolment for the year in that paper on the student's academic record. (A notification form is available from the Inquiry counter at the Registry.)
(ii) A student should refer to Regulation 7(b)(ii)(c) if the reason for ceasing to take a paper is due to illness or injury, or any exceptional circumstances beyond his control.

Fees
(b) (i) Payment of Additional Fees or Late Fees
Any additional tuition fees and all late fees shall be paid at the time of the lodging of the application.
(c) Refund of Fees
(i) Where a candidate applies under paragraph (a) of this Regulation and within the appropriate time limit to withdraw from all the papers for which he has enrolled, he shall receive a full refund of all tuition fees and of the Students' Association Fee.
(ii) Where the student has within the appropriate time limit applied under paragraph (a) to withdraw from a paper (but not from all for which he has enrolled), or to substitute a paper for which a lesser fee is prescribed than that which he has paid, he shall receive a refund of the difference between the total tuition fees paid and the total due on acceptance of the application for withdrawal or substitution.
(iii) Where a student for reasons of illness or injury or any exceptional circumstances beyond his control makes a late application for withdrawal, the Senate may in its absolute discretion grant a partial refund of tuition fees, but in no case of the Students' Association fee.

Note: Students who have their tuition fees paid under University Scholarships, Education Department Bursaries, Government Study Awards, Training College Bursaries, Secondary Teachers' Studentships, or Bilateral Aid Programme should note that if they do not comply with the Regulations relating to 'Alterations to Courses of Study' they may prejudice their scholarship or bursary in a future year.

Non-matriculated Students
8. Admission to lectures or laboratories may be granted to non-matriculated students provided they comply with all other Regulations governing admission. The Council may from time to time restrict entry of non-matriculated students to one or more subjects by reason of shortage of accommodation or other special circumstances.

Note: A non-matriculated student may not enter for any degree, diploma, or certificate of proficiency examinations as he is unable to comply with the course Regulations.

Exclusion
9 (a) Unsatisfactory Work During Year
Heads of Department may exclude any student from a Course of Study in any subjects in
their departments on the ground of unfitness or of unsatisfactory progress in such subjects. A student so excluded shall have the right of appeal to the Senate. All students recommended for exclusion shall be informed individually by the Head of the Department not later than the Friday preceding the mid-term break. Such students may lodge an appeal against their exclusion not later than the following Friday.

(b) Failure in a paper or subject after two attempts:
Any student who has twice attempted but has failed to be credited with a pass in an optional paper or subject shall not be entitled to re-enrol in that paper or subject without the prior permission of the Head of the Department in which it is taught.

Exclusion for failure to make satisfactory academic progress in a Course of Study as a whole

10 (1) In this Regulation and the schedule to it: 'a particular Faculty' means a Faculty named in the left hand column of the Schedule to this Regulation;

'unsatisfactory student' (i) means, in relation to a particular Faculty, a student who has made insufficient academic progress in that he has failed to the extent described opposite the name of that Faculty, in the right hand column of the Schedule to this Regulation, in any Course of Study there specified; (ii) includes any student who fails to comply with conditions of enrolment imposed under clause (5) of this Regulation. In the case of any student, a 'year of academic studies' means a year in which he has enrolled and has not withdrawn enrolment by the prescribed dates.

(2) (a) No unsatisfactory student may enrol in a particular Faculty without the prior permission of the Senate.

(b) This clause of this Regulation does not apply to a student

(i) enrolling to complete Case Studies, Dissertation, Original Investigation or Thesis for any degree or diploma, or

(ii) enrolling for further study within the two years next following the completion of a degree or diploma or for a prerequisite for a Master's degree or postgraduate diploma, or

(iii) enrolling for the Degree of Doctor of Philosophy.

(3) No student may enrol in the University, without the prior permission of the Senate,

(a) who has been excluded from any university on the ground that he has failed to make sufficient academic progress; or

(b) who wishes to transfer to this university from another university under the Regulations of which he requires special permission to enrol having failed to make sufficient academic progress.

(4) Application for permission to enrol under clause (2) or clause (3) of this Regulation must be made

(a) on payment of the prescribed fee not later than 10 January in the year in which the student wishes to enrol; or

(b) on payment of a late fee of $10 (in addition to the prescribed fee) not later than 31 January of that year.

(5) In granting a student permission to enrol under clause (2) or clause (3) of this Regulation, the Senate may impose on the student such conditions as it thinks fit

(a) in relation to the minimum academic progress he must make in the year of enrolment (so as to be entitled to enrol in the next year without application under this Regulation);

(b) otherwise in relation to his future Course of Study.

(6) Any student

(a) to whom the Senate refuses permission to enrol under clause (2) or clause (3) of this Regulation; or

(b) who objects to any condition of enrolment imposed by the Senate under clause (5); may within 14 days appeal to the Council against the refusal or imposition.

(7) This Regulation is subject to Regulation 11 of these Regulations.

Schedule

| Faculties of Architecture and Town Planning, Commerce Engineering Law, and Science | Any Course of Study: any student who has, over the last two years of his academic studies, failed to pass the equivalent of one year's full-time Course of Study. |
Faculties of Arts, and Music

Faculty of Fine Arts

Faculty of Medicine and Human Biology

<table>
<thead>
<tr>
<th>Course of Study arranged in Professional Years: any student who has failed all the papers of a Professional Examination or has, over the last two years of his academic studies, failed to complete all the papers of a Professional Examination.</th>
</tr>
</thead>
<tbody>
<tr>
<td>A Course of Study not arranged in Professional Years: any student who has, over the last two years of his academic studies, failed to pass in the equivalent of one year's full-time course.</td>
</tr>
</tbody>
</table>

Bachelor of Human Biology: any student who has failed Part I as a whole; any student who on two occasions has failed to pass Part II as a whole, or on two occasions has failed to pass Part III as a whole. Any other Course of Study: any student who has failed his previous year of academic study as a whole.

Note: A full-time Course of Study is as defined in the Scholarships, Bursaries and Awards Section.

11. Application of Foregoing Regulation to Students who have been Enrolled Part-time

Regulation 10 of these Regulations shall not apply to a student who, over the last two years of his academic studies, has been enrolled in this University part-time for a Course of Study and has passed at least half of the papers or subjects for which he was so enrolled.

12. Cross-credits

(a) In this Regulation, cross-credits means papers or subjects which:
   (i) are common to two or more Courses of Study;
   (ii) have been passed by a candidate for the purpose of one of those Courses of Study; and
   (iii) that candidate desires to transfer to another of those Courses of Study.

(b) A candidate may, on payment of the prescribed fees under the Fees Regulations, transfer to the Course of Study for any degree or diploma named or referred to in the left hand column of the Schedule to this regulation cross-credits as shown opposite the degree or diploma so named or referred to in the right hand column of that Schedule (with any exceptions there stated).

(c) No candidate may transfer as a cross-credit any paper or subject in which he has obtained a conceded pass or restricted pass; and if that paper or subject is compulsory he may take in place of it any such other paper or subject as the Senate may approve.

(d) No candidate may transfer as a cross-credit any paper or subject already so transferred under this regulation.

(e) In any case where an application for the transfer of cross-credits
   (i) is not otherwise covered by this regulation or not covered by special provisions made elsewhere in the Regulations of the University or
   (ii) is subject to any doubt or difficulty in the interpretation of these or any other Regulations of the University — the Vice-Chancellor may approve any such transfer of credits, or give any such direction in relation to the application, as he thinks fit.

Schedule

<table>
<thead>
<tr>
<th>Architecture and Town Planning</th>
</tr>
</thead>
<tbody>
<tr>
<td>(i) Degree of Bachelor of Architecture</td>
</tr>
<tr>
<td>(ii) Diploma in Valuation</td>
</tr>
<tr>
<td>(iii) Degree of Bachelor of Town Planning</td>
</tr>
<tr>
<td>The papers or subjects of the Intermediate Examination.</td>
</tr>
<tr>
<td>Not more than eleven subjects.</td>
</tr>
<tr>
<td>The papers or subjects of the Intermediate Examination.</td>
</tr>
<tr>
<td>Arts</td>
</tr>
<tr>
<td>------</td>
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<tr>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Commerce</th>
<th>(v) Degree of Bachelor of Commerce</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Not more than eight papers: except that no Stage III paper shall be transferred unless the candidate has been credited with three papers at Stage III level for the degree of Bachelor of Commerce selected from the subjects Accounting, Economics and Management Studies.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Science</th>
<th>(vi) Degree of Bachelor of Science</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Not more than 36 credits: except that no cross-credit for any Stage III course shall be transferred unless the candidate has been credited with 12 credits at Stage III level for the degree of Bachelor of Science.</td>
</tr>
</tbody>
</table>

| Other Degrees and Diplomas | (vii) Any Bachelor's degree other than those named above |
|                           | (viii) Any diploma other than those named above and other than the Diploma in Town Planning |
|                           | Not more than six papers or three subjects. |
|                           | Not more than one-third of the paper requirements of the diploma. |

Note: (i) The provisions of Regulation II of the BSc Regulations regarding cross credits for the Intermediate Examination for the Degree of Bachelor of Engineering this Regulation.
(ii) In the case of Master's degrees no cross-credits are available, except where the course regulations so provide. No cross-credits are available for the Diploma in Town Planning.
(iii) A student taking a conjoint Course of Study (two Courses) may be permitted to transfer as cross-credits no more than the maximum allowed for one Course or the other but not for both.

13. Credit
(a) A candidate may with the approval of the Senate and on payment of the prescribed fees under the Fees Regulations be granted towards a degree or diploma named or referred to in the left hand column of the Schedule to this regulation, credit not exceeding that shown opposite the degree or diploma so named or referred to, in the right hand column of that Schedule.
(b) No candidate may be granted credit for work already so credited under this regulation.

**SCHEDULE**

<table>
<thead>
<tr>
<th>Arts</th>
<th>(i) Degree of Bachelor of Arts</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>(a) For a student who has successfully completed in or after 1974 and up to and including 1977 a three-year course full-time Division A at a Teachers' College under the control of the Auckland Teachers' Colleges Council, not more than four unspecified Stage I papers to count as one unspecified subject in Group B in the Schedule to the BA Regulations.</td>
</tr>
<tr>
<td></td>
<td>(b) For a student who has successfully completed in or after 1978 a three-year full-time Division A course at a Teachers' College</td>
</tr>
</tbody>
</table>

1980 Calendar
under the control of the Auckland Teachers' Colleges Council, seven unspecified papers, four at Stage I level and three at Stage II level. For the purpose of BA Regulations 5, the papers so credited shall count as papers in two subjects. For the purpose of BA Regulations 3, three papers shall count as papers in Group A of the BA Schedule and four papers shall count as papers in Group B of the BA Schedule.

(c) For a student who has successfully completed in or after 1974 a Division B (concurrent study course) at a Teachers' College under the control of the Auckland Teachers' Colleges Council, not more than two unspecified Stage I papers to count as one unspecified subject in Group B in the Schedule to the BA regulations.

(d) For a student who has successfully completed in or after 1974 a three-year full-time Division Home Economics and Commercial course at the Auckland Secondary Teachers' College not more than four unspecified Stage I papers to count as one unspecified subject in Group B in the Schedule to the BA regulations.

(e) For a student who has successfully completed in or after 1976 a two-year full-time Course in Division “A” at a Teachers' College under the control of the Auckland Teachers' Colleges Council not more than two unspecified Stage I papers to count as one unspecified subject in Group B in the Schedule to the BA Regulations.

(f) For a student who has successfully completed in or after 1977 a two-year full-time Course in Division “E” at a Teachers' College under the control of the Auckland Teachers' Colleges Council not more than two unspecified Stage I papers to count as one unspecified subject in Group B in the schedule to the BA Regulations.

(g) For a student who has completed the requirements for a Certificate, Course of the Centre for Continuing Education with a grade B or higher, one or two papers to count as one unspecified Stage I subject.

(a) For a student who has in or after 1975 completed the requirements for a Certificate in Personnel Management of the centre for Continuing Education with a grade B or higher, one or two unspecified Stage I papers.

(b) For a student who has successfully completed in or after 1977 a three-year full-time Division A course at a Teachers' College under the control of the Auckland Teachers'
Colleges Council, not more than three unspecified papers to count as elective papers.
(c) For a student who has successfully completed in or after 1977 a Division B (concurrent study course) at a Teachers' College under the control of the Auckland Teachers' Colleges Council not more than one unspecified paper to count as an elective paper.
(d) For a student who has successfully completed in or after 1977 a three-year full-time Division Home Economics and Commercial course at the Auckland Secondary Teachers' College not more than three unspecified papers to count as elective papers.

<table>
<thead>
<tr>
<th>Law</th>
<th>(iii) Degree of Bachelor of Law or Diploma in Criminology</th>
</tr>
</thead>
<tbody>
<tr>
<td>(a)</td>
<td>For a student who has in or after 1975 completed the requirements for a Certificate in Criminology of the Centre for Continuing Education with a grade B or higher, one or two unspecified papers.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Music</th>
<th>(iv) Degree of Bachelor of Music</th>
</tr>
</thead>
<tbody>
<tr>
<td>(a)</td>
<td>For a student who has successfully completed in or after 1974 a three-year full-time Division A course at a Teachers' College under the control of the Auckland Teachers' Colleges Council, one or two unspecified papers (not being papers in Music) in lieu of the BA papers prescribed for the Degree. For a student specializing in music in the above three-year course, a further one or two unspecified Stage I papers.</td>
</tr>
<tr>
<td>(b)</td>
<td>For a student who has successfully completed in or after 1974 a Division B (concurrent study course) at a Teachers' College under the control of the Auckland Teachers' Colleges Council not more than one unspecified paper (not being papers in Music) in lieu of a BA paper prescribed for the Degree.</td>
</tr>
<tr>
<td>(c)</td>
<td>For a student who has successfully completed in or after 1974 a three-year full-time Division Home Economics and Commercial course at the Auckland Secondary Teachers' College not more than one unspecified paper (not being a paper in Music) in lieu of a BA paper prescribed for the Degree.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Science</th>
<th>(v) Degree of Bachelor of Science</th>
</tr>
</thead>
<tbody>
<tr>
<td>(a)</td>
<td>For a student who has successfully completed in or after 1974 a three-year full-time Division A course at a Teachers' College under the control of the Auckland Teachers' Colleges Council, not more than twelve unspecified Stage I credits.</td>
</tr>
<tr>
<td>(b)</td>
<td>For a student who has successfully completed in or after 1976 a two-year full-time course in Division &quot;A&quot; at a Teachers' College under the control of the Auckland Teachers' Colleges Council. Not more than six unspecified Stage I credits.</td>
</tr>
<tr>
<td>(c)</td>
<td>For a student who has successfully com-</td>
</tr>
</tbody>
</table>
General Statutes & Regulations, Enrolment & Course (General)

completed in or after 1974 a Division B (concurrent study course) at a Teachers' College under the control of the Auckland Teachers' Colleges Council, not more than six unspecified Stage I credits.

(d) For a student who has successfully completed in or after 1974 a three-year full-time Division Home Economics and Commercial course at the Auckland Secondary Teachers' College not more than twelve unspecified Stage I credits.

A candidate granted credit under this provision shall be required to gain at least 84 credits from courses set out in the Schedule to the BSc Regulations.

NOTE: The progress of students granted credit for Certificate Courses of the Centre for Continuing Education will be reviewed following their first year of study after the granting of the credit.

14. Exemptions
(a) A candidate for a degree or diploma, who has passed in a paper or subject not prescribed for that degree or diploma but the same as or substantially equivalent to a paper or subject so prescribed, may at the discretion of the Senate be exempt from that prescribed paper or subject; subject, however, to the provisions of any other regulation.
(b) A candidate exempted either under this or any other regulation from a paper or subject shall pay the prescribed fee under the Fees Regulations to be exempted from that paper or subject.

15. Except as permitted either by Regulation 12 of these Regulations or by the Regulations for any particular Course of Study, no candidate may be granted in all more than one-third of the paper requirements of a Course of Study as cross-credits, credit, or exemptions.

16. Abandonments
Where a candidate abandons one Course of Study before completion and proceeds to another Course, he may transfer without payment of fee to his new Course any appropriate papers or subjects with which he has been credited. If at any time he wishes to resume the Course which he has abandoned and to retain the papers or subjects first credited to it he shall do so in accordance with Regulation 12 of these Regulations.

Additional Lectures
17. A student while pursuing a Course of Study in the University may with the approval of the Vice-Chancellor, after consultation with the Heads of Departments concerned, take lectures in a subject which he is not offering for examination without payment of fee for the Course provided that this facility shall be granted only where the additional lectures would be useful in supplementing the student's Course of Study.

Vice-Chancellor's Special Powers
18. (a) The Vice-Chancellor may give such direction, or make such provision as he shall think fit for the relief of undue hardship where it is shown to his satisfaction...
(i) that an alteration or amendment to statutes or regulations involving a change in a Course of Study or in examination requirements has caused a candidate hardship; or
(ii) that official advice has been given and acted upon, and it is later found that a candidate's Course of Study is not in accordance with the governing regulations and hardship would be caused if the candidate were to be compelled to comply with the full requirements of the regulations.
(b) Where a candidate for a Master's degree writes a script outside the prescribed time for the examination, the Vice-Chancellor shall have power to
(i) admit or reject the script as part of the examination.
(ii) authorise the Head of the Department to conduct an oral examination, and that the Head of the Department where appropriate and if necessary, shall submit a mark based on the year's work and the oral examination.
(c) A candidate may appeal against any decision of the Vice-Chancellor under this Regulation to the Council which shall have power to make such provision as it may think fit.

1980 Calendar
APPENDIX

That portion of the Provincial District of Auckland north of a line commencing on the west coast thence in a straight line east through Trig 76E No. 2 to the outlet of the Awaroa Stream into Lake Whangape thence in a straight line in a north-north-easterly direction to the confluence of the Kopura Stream and the Maramarua River thence due east to Trig CXXVA thence in a straight line in a south-easterly direction to a point south-west of Kaihere thence in a straight line in a north-easterly direction to the junction of Townsend Road and Highway 26 thence in a straight line in a north-easterly direction through Tairua hill Trig.

EXTRAMURAL ENROLMENT STATUTE

Title and Commencement
1. (1) This statute may be cited as the Extramural Enrolment Statute 1962.

This statute shall come into force on 1 January, 1963.

Extramural Enrolment
(2) Any student who satisfies the Senate that he is prevented from attending classes, shall, so far as is shown to be necessary and subject to the provisions of this statute, be exempted from attendance at classes and may be enrolled as an extramural student.

Restrictions
3. (1) Except for enrolments permitted pursuant to paragraph (ii) of clause 2 of this Statute exemption shall not be granted:
(a) in any of the following subjects at any stage in any Course: Anthropology; Art History; Biochemistry; Biology; Botany; Cell Biology; Chemistry; Composition; Geography; Geology; Physics; Production Analysis; Psychology; Zoology;
(b) in any subject of the Courses for the following degrees and diplomas: Master of Architecture; Master of Arts; Master of Commerce; Master of Engineering; Master of Fine Arts; Master of Human Biology; Master of Jurisprudence; Master of Laws; Master of Medical Science; Master of Music; Master of Philosophy; Master of Science; Master of Town Planning; Bachelor of Architecture; Bachelor of Engineering; Bachelor of Human Biology; Bachelor of Fine Arts; Bachelor of Laws (Honours); Bachelor of Medicine and Bachelor of Surgery; Bache-
lor of Music (Performance); Bachelor of Science (Honours); Bachelor of Town Planning —
First and Second Town Planning Examinations; Diploma in Business and Industrial Adminis-
tration; Diploma in Clinical Psychology; Diploma in Computational Mathematics; Diploma in
Criminology; Diploma in Drama; Diploma in Educational Psychology; Diploma in Guidance
and Counselling; Diploma in Geothermal Energy; Diploma in Gynaecology and Obstetrics;
Diploma in Language Teaching Studies; Diploma in Local Government and Administration;
Diploma in Music; Diploma in Music with Honours; Diploma in Obstetrics; Diploma in
Optometry; Diploma in Paediatrics; Diploma in Psychiatry; Diploma in Statistics; Diploma in
Town Planning; Diploma in Urban Valuation;
(c) in any subject at any Stage for the Degree of Bachelor of Arts except in special circum-
stances to be determined by the University Senate on the recommendation of the Head of the
Department;

Note: In no circumstances will exception be granted in any subject at Stage III for BA unless the candidate
has completed as an internal student at least nine papers for BA including three at Stage II.

(d) in any subject at Stage III for the degree of Bachelor of Commerce unless the candidate has
completed as an internal student for the degree seventeen papers including at least six papers at
Stage II level;

(e) in any subject for the degree of Bachelor of Science unless the candidate has gained as an
internal student for the degree forty-eight credits including twelve credits higher than Stage I.

(f) in papers numbered 26.290 and 26.390 in the subject Mathematics in any course;

(g) to a candidate who is living in the Urban Area (as defined by the Government Statistician)
of Auckland or of Hamilton or in any of the University Districts of the Victoria University of
Wellington, the University of Canterbury, or the University of Otago save in exceptional
circumstances and with the approval of the other University concerned;

(h) in any subject or stage of a subject that is not for the time, being taught at the University,
but, notwithstanding anything to the contrary in paragraph (g) of this section, exemption may
be granted in individual cases of hardship if a University in New Zealand at which the subject
is taught agrees to examine the candidate;

Note: If a candidate granted exemption under this provision enters for examination in any other subject in
the same year no assurance can be given that examination time-tables can be so arranged that the candidate
will be able to sit all papers.

(i) to a candidate who, having been admitted to another University in New Zealand, is still on
the books of that University as a candidate for any degree, diploma, or other qualification;

(j) to a candidate who fails to produce such evidence as the Senate may require that he is
prevented from attending classes in the subject at any University;

(k) to a candidate who is prevented from attending a class by reason of attendance at another
class.

(2) The council may, by regulation, provide that extramural enrolment shall not be accepted in
the Course for any specified subject, or for any specified part thereof, which, required practical
or laboratory work, or the use of materials or teaching services of such a nature that, in the
opinion of the council, the course cannot satisfactorily be taken extramurally.

Persons beyond New Zealand

4. (1) Except as provided in subsection (2) of this section, exemption shall not be granted to a
candidate who is not resident in New Zealand (including New Zealand Island Territories),
Cook Islands, Fiji, Niue, or Western Samoa.

(2) A candidate who ceases to reside in any of the countries mentioned in subsection (1) of this
section and who requires to pass in the final group of papers or subjects of a Course to
complete a degree, diploma or professional qualification may, at the discretion of the Senate
and subject to the provisions of this statute, be granted exemption in the subjects concerned.

Tuition at Massey University

5. (1) A student who is on the books of the University of Auckland and who is exempted from
tuition at the University of Auckland in any subject or subjects for which extramural tuition is
provided at Massey University, shall

(a) be required to enrol for tuition in such subject or subjects at Massey University; and

(b) except for Auckland Secondary Teachers' College Physical Education students enrolled at
Massey University for the degree of Bachelor of Education, not be permitted in the same year
to enrol for any other subject or subjects at the University of Auckland.

(2) A student so enrolled shall take the examinations of Massey University, and any subject he
passes shall be credited to his course.
Procedure
6. A student seeking exemption from classes and enrolment as an extramural student of the University of Auckland shall make application in accordance with the Extramural Regulations of the University and pay the prescribed fees.

Application of statutes and regulations
7. Except as otherwise expressly provided, an extramural student shall be subject to all the statutes and regulations of the University.

REGULATIONS
Extramural Enrolment at the University of Auckland
1. A student wishing to enrol as an extramural student on the grounds that he is prevented from attending classes shall make application to the Registrar of the University on the prescribed form not later than 10 January in the year in which he wishes to enrol as an extramural student or after that date upon payment of a late fee of $5, provided that no such application shall be made later than 21 February next except with the leave of the Senate and upon payment of a fine of $10 in addition to the late fee of $5.
2. Each applicant for extramural enrolment shall
   (a) state the grounds on which the application is based;
   (b) state that he is not on the books of any other University;
   (c) state his current residential and business address;
   (d) state whether to the best of his knowledge there will not be any change of residence during the academic year, or where there is an expected change of residence during the academic year, the expected address together with the approximate date of the change;
   (e) supply such evidence as the Senate may require that he
      (i) is prevented from attending classes in the course, paper or subject at another University, or
      (ii) does not need to use the facilities of any University Department;
   (f) pay the prescribed fees;
3. In the event of a student discontinuing his studies after exemption has been granted a full refund of fees will be made provided notification is received by the Registrar on or before 31 March. No refund of fees shall be made for withdrawals after this date and the fees shall not be transferable to the following or any subsequent year.

Procedure for Extramural Enrolment at Massey University
4. (a) If a student is resident outside the urban area of Auckland and is eligible to be registered with Massey University, he does not need to apply to the University of Auckland for exemption from lectures;
   (b) If a student is resident in the urban area of Auckland he must apply to the University of Auckland for exemption from lectures;
   (c) A student applying for enrolment for tuition with Massey University in any subject shall make application to the Director of Extramural Studies in the manner prescribed by the Statutes and Regulations of that University.

Failure in Papers or Subjects
5. Extramural studies are subject to the provisions of Regulation 9 of the Enrolment and Course Regulations (General).

Note: For the purpose of this Regulation students who have not formally withdrawn in accordance with Regulation 3 or who have registered with Massey University and have not withdrawn in accordance with the Regulations of that University shall be deemed to be engaged in academic studies in that year.

Notes on Extramural Enrolment
1. Grounds of Exemption
   (a) Where a student wishes to enrol for one paper or equivalent and does not wish to attend lectures, the Senate will generally approve an application for exemption if extramural tuition is provided by Massey University.
   (b) The Senate will consider applications from students for Extramural Enrolment in paper(s) or equivalent not available at Massey made on the grounds of special circumstances such as physical infirmity, distance from the University, conditions of employment, etc, which would prevent them from attending lectures. Students enrolling with Auckland, however, are not provided with any special tuition by correspondence or otherwise. It is therefore emphasised that they are putting themselves at a serious disadvantage by not attending lectures. It is essential that students attempting first year work should, by attendance at lectures, obtain that
necessary introduction to university methods of work which would be the basis of their later advanced studies. It is equally essential that at advanced stages of their course, they should have the guidance of university teachers and access to a large library such as is not in practice available to students not attending lectures.

2. Examination Centres
The following examination centres are at present established: Apia, Auckland, Dargaville, Gisborne, Lautoka, Nuku'alofa, Paeroa, Rotorua, Rarotonga, Suva, Whangarei. An applicant for exemption in any subject in which an oral test or examination is required in addition to written papers should establish, when first applying for exemption, that arrangements can be made by the Registrar for the oral test to be held at the centre at which he proposes to present himself for examination.

EXAMINATION REGULATIONS

Eligibility to Sit Examinations
1. To be eligible to present himself for examination in a paper or subject, a candidate (a) must have been enrolled as an internal student and have kept terms if required to do so in accordance with the Terms Regulations, or (b) not being enrolled as an internal student, must have been granted exemption in accordance with the Extramural Statute and Regulations, or have been granted Terms Carried Forward in accordance with the Terms Regulations.

Time of Examinations
2. The examinations shall be held at the times specified in the Timetable each year.

Place of Examinations
3. All internal students must sit their examinations at Auckland. Extramural students who do not wish to sit their examinations at Auckland may sit at one of the centres specified in the Extramural Enrolment Regulations, provided that, with the approval of the Senate, a special examination centre may be established under special circumstances subject to the payment of the extra fee prescribed in the Fees Regulations.

Conduct of Examinations
4. (a) The examinations shall comprise such written, oral and practical examinations as the examiners may determine.
(b) Candidates shall write out answers to the questions in the presence of a supervisor, who shall be appointed or approved by the Council in accordance with such detailed instructions as may be furnished by the Council.
(c) No candidate shall communicate with an examiner in regard to an examination except through the Registrar.
(d) No candidate may be examined in any subject or part of a subject at any time other than that set down for him in the timetable.
(e) No candidate shall be allowed to enter the room
(i) for a 3-hour examination later than one hour thirty minutes after candidates have begun writing the examination,
(ii) for a 2-hour examination later than one hour after candidates have begun writing the examination,
(iii) for a 1½-hour examination later than forty-five minutes after candidates have begun writing the examination,
(iv) for a 1-hour examination later than thirty minutes after candidates have begun writing the examination.
(f) No candidate shall be permitted to leave the room
(i) of a 3-hour examination until one hour forty-five minutes has elapsed from the time the writing of the examination began,
(ii) of a 2-hour examination until one hour fifteen minutes has elapsed from the time the writing of the examination began,
(iii) of a 1½-hour examination until one hour has elapsed from the time the writing of the examination began,
(iv) of a 1-hour examination until forty-five minutes has elapsed from the time the writing of the examination began,
and then only with the permission of the supervisor and upon handing in his script.
(g) Candidates shall be allowed to read their examination papers for a period of not more than
ten minutes before the examination commences but may not begin writing their answers until the room supervisor announces that they may do so.

(h) No candidate is to bring with him into the examination room any written or printed matter except by direction of the examiner. All paper used during the examination must be handed into the supervisor.

(i) No candidate shall communicate with another in the examination room.

(j) No candidate shall continue writing an answer after the supervisor has announced the expiration of time. In no circumstances is any time over and above the time allotted to any paper to be allowed a candidate for reading over his scripts or making any amendment or addition to his scripts.

(k) Any complaint that a candidate has committed an examination offence shall be referred to the Deans Committee of the Senate (to which the Senate has delegated power to deal with all matters relating to examinations) to determine whether the complaint should be investigated. For the purposes of this Regulation an examination offence includes any breach of any rules relating to the conduct of examinations and any dishonest practice occurring in the preparation or submission of any work (whether in the course of an examination or not) which counts toward the attainment of a pass in any subject or otherwise occurring in connection with any examination.

(l) The Discipline Committee of the Senate (to which the Senate has delegated the appropriate powers) shall hear and determine any complaint which the Deans Committee has resolved should be investigated. The candidate concerned shall be notified in writing of the subject matter of the complaint and the time and place of the hearing. He shall be invited to state in writing his answer to the complaint and may attend the hearing.

(m) The Senate shall have power (which it may delegate to its Discipline Committee) to do all or any of the following things in the case of a candidate found guilty of an examination offence:

(i) Impose upon him any of the penalties prescribed in the Disciplinary Regulations
(ii) Disqualify him from sitting any examinations for such period as may be prescribed
(iii) Cancel any pass with which he may have been credited in the subject or examination in respect of which the offence has occurred.

(n) Where the Senate or any committee of the Senate is satisfied that a candidate has not complied with any Regulation of the University whether in respect of any examination or any other matter having given the candidate such opportunity as it considers reasonable of remedying his non-compliance with the Regulation or Regulations, then the Senate shall have power (which it may delegate to its Discipline Committee) to suspend for such time as may be prescribed the release to the candidate of the results of any examination, or to decline to credit to his course any subject or subjects, or to impose both those penalties.

(o) A candidate may appeal to the Council from any decision of the Senate or its Discipline Committee under paragraphs (m) or (n) of this Regulation by giving notice in writing to the Registrar within 14 days of being notified of the decision. A candidate so appealing shall be entitled to make submissions in writing and may, with the consent of the Council, appear when the appeal is determined. The Council may dismiss or allow the appeal or vary the penalty but shall not impose any penalty, which the Senate or its Discipline Committee could not have imposed. The decision of the Council on any appeal under this Regulation shall be final.

Marking of Scripts

5. (a) In determining a candidate's result the examiners

(i) may take into consideration the work done by the candidate during the year;

(ii) shall give due weight to reports on practical work done by the candidate wherever these are required;

(iii) shall include marks obtained by the candidate where the Senate has allotted a percentage of marks for awarding on the year's work of the candidate in any paper or subject.

Passes — Grades and Marks

(b) A pass mark in any paper or subject including papers and thesis for a Masters degree is:

(i) for a single paper, 50%;

(ii) for two more combined or linked papers, an average of 50%;

(iii) for one or more papers and a thesis, an average of 50%,

provided that

(i) the Senate may give approval for a thesis to count as more than one paper;

(ii) a candidate not attaining a minimum of 37% in any combined or linked paper except in the
papers or thesis for a Masters degree and mid-year examinations, will fail the subject as a whole provided that this requirement may be waived in exceptional circumstances at the discretion of the Senate;

(iii) a candidate taking papers in the Faculty of Music not attaining a minimum of 37% of the marks allocated for the end of the year examination, will fail the paper as a whole. This does not apply to examinations in Performance.

(iv) a candidate for the Degree of Master of Engineering must pass in each of eight subjects or in each of three subjects and a thesis;

(v) where oral work is required for a paper of a language, unless otherwise provided, a pass in both oral work and written papers is necessary;

(vi) where both practical and written work is required for a paper or subject a pass in both practical work and written papers is necessary;

There are eleven pass grades and two fail grades as set out:

**Pass Grades**

<table>
<thead>
<tr>
<th>Grade</th>
<th>Description</th>
</tr>
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<tbody>
<tr>
<td>A+</td>
<td>high first</td>
</tr>
<tr>
<td>A</td>
<td>clear first</td>
</tr>
<tr>
<td>A-</td>
<td>bare first</td>
</tr>
<tr>
<td>B+</td>
<td>high second</td>
</tr>
<tr>
<td>B</td>
<td>clear second</td>
</tr>
<tr>
<td>B-</td>
<td>bare second</td>
</tr>
<tr>
<td>C+</td>
<td>sound pass</td>
</tr>
<tr>
<td>C</td>
<td>pass</td>
</tr>
<tr>
<td>C</td>
<td>marginal pass</td>
</tr>
</tbody>
</table>

**Notes:**

(i) Candidates for LLB and LLB(Hons), who pass a subject of a Law examination with a grade of C-, will have that grade credited to their course only at the discretion of the Senate.

(ii) Candidates for BMus(Performance) who pass the subject Performance 28.120 with a grade of C- and are therefore not eligible to proceed with the Course of Study for BMus(Performance) may in respect of that pass apply for a credit of two unspecified Stage I Music papers toward the course of study for the Degree of BMus.

**Restricted**

A restricted pass shall apply only to a paper in the Faculty of Arts, Commerce, or Science. A candidate at the discretion of the appropriate Faculty may be considered for restricted passes. No application by the candidate for consideration is required. A restricted pass in a paper which is pre-requisite for enrolment in another paper shall not be accepted as fulfilling that pre-requisite except with the approval of the relevant Head of Department in each case.

**Conceded.**

A conceded pass shall apply only to the degrees of Bachelor of Architecture, Bachelor of Engineering, Bachelor of Fine Arts, Bachelor of Laws, Bachelor of Laws (Honours), to the Law Professional Examination, Bachelor of Music, Bachelor of Music (Performance) and to the Diploma in Music and Diploma in Music (Honours) and the Diploma in Business and Industrial Administration and may not be transferred to another Course of Study. A candidate at the discretion of the appropriate Faculty may be considered for a conceded pass. No application by the candidate for consideration is required.

**Fail Grades**

D indicates that in the opinion of the examiners the candidate has a reasonable chance of succeeding in the paper or subject if he sits again in the following year.

E indicates that the candidate is unlikely to succeed in the paper or subject.

**Open Book and Restricted Book Examinations**

(c) (i) Where an examination is designated "Open Book", candidates may take into the examination room any material including books, Acts, etc, and there will be no check on items taken into the examination room.

(ii) Where an examination is designated "Restricted Book", candidates may take into the examination room only the material specified by the examiner.

**Work at Standard of Honours**

6. A candidate whose work is at the standard of Honours or a First or Second Class Pass under the relevant degree or diploma regulations but who is ineligible for the award of Honours or First or Second Class Pass under the regulations shall be informed of the standard that he would have been awarded had he been eligible.
Recount of Marks
7. By making application within four weeks from the date of the mailing of his official result of the examinations, any candidate sitting for an examination for a degree, diploma, professional qualification, or certificate of proficiency may have the marks awarded his scripts recounted in any paper or subject which he has failed. The fee for such a recount shall be as prescribed in the Fees Regulations. A recount of marks covers a careful rechecking of the marks recorded by the examiner and ensures that no answer or any portion of an answer submitted by a candidate has been overlooked. No information relative to the application will be placed before the examiner. Candidates for the degree of Bachelor of Architecture, the Bachelor of Fine Arts, the Diploma in Fine Arts, the Diploma with Honours in Fine Arts, the Bachelor of Music (Performance), the Diploma in Music, or the Diploma in Music with Honours may apply for a recount of marks for written papers only.

Aegrotat Pass
8. A candidate who has been prevented by illness or injury from presenting himself at any examination in any paper or subject, or who considers that his performance in any examination in any paper or subject has been seriously impaired by illness or injury may on application and with the approval of the Senate be granted an aegrotat pass in such paper or subject if the following conditions are satisfied
(a) that the candidate is enrolled as an internal student for the course of instruction in the paper or subject in question;
(b) that the illness or injury was reported in writing to the Registrar within one week of the date upon which the examination affected took place or if more than one examination has been affected then within one week of the last of such examinations;
(c) that as soon as practicable after reporting the illness the candidate furnish to the Registrar a certificate (on the form provided) from a registered medical practitioner stating
(i) that he examined the candidate medically on a certain date;
(ii) that in his opinion the candidate was unable through illness or injury to present himself for the examination, or that in his opinion the candidate's performance in the examination was likely to have been seriously impaired by illness or injury. The nature of the illness or injury shall be stated in sufficient detail to make it clear that the candidate was not responsible for his disability, and in a form suitable for submission in cases of doubt to a medical referee;
(d) that the candidate's responsible teachers in the paper or subject of the examination in question certify that his work therein during the course of instruction was well above the minimum pass standard (or where relevant the minimum standard for a class of Honours or Pass) and that he is in their opinion clearly worthy to pass in that paper or subject (or where relevant to be awarded First or Second Class Honours OR First or Second Class Pass),
or alternatively that the Senate is satisfied upon considering the quality of the candidate's work during the course of instruction and of any work which he has completed in the current examinations (whether in the paper or subject in question or any other paper or subject) that the candidate is clearly worthy to pass in the paper or subject in question or (where relevant) to be awarded First or Second Class Honours OR First or Second Class Pass therein, provided that in either case
(i) Honours or a First or Second Class Pass may not be given to a candidate who has been awarded a pass under this regulation in respect of more than one paper for a degree or diploma involving not more than four papers; or in respect of more than two papers for a degree involving five or more papers;
(ii) a candidate for the degree of Bachelor of Engineering may, on the recommendation of the Senate, be given Honours irrespective of the number of aegrotat passes awarded.

Compassionate Pass
9. Where by reason of any exceptional circumstances beyond his control and other than his own illness or injury a candidate has been prevented from presenting himself at any examination in any paper or subject or considers that his performance in any examination in any paper or subject has been seriously impaired, he may on application and with the approval of the Senate be granted a compassionate pass subject to compliance with the same conditions (with necessary changes) as those appearing in clauses (a) and (d) of Regulation 8. Such an application must be made to the Registrar on the form provided within one week of the date upon which the examination affected took place, or, if several examinations have been affected, then within one week of the last of those examinations, and must be supported by such evidence as the Registrar shall require.

1980 Calendar
10. (a) The provisions of Regulations 8 and 9 shall apply to
(i) any final written examination presented for a paper or subject of a Course of Study for a
Degree, or for a Diploma, or for a Certificate of Proficiency, or for a Professional qual-
ification;
(ii) any final practical examination presented for a paper or subject of a Course of Study for a
Degree, or for a Diploma, or for a Certificate of Proficiency, or for a Professional qual-
ification;
(iii) any terms examination which has been allotted a percentage of the marks awarded for the
final examinations for a Degree, or for a Diploma, or for a Certificate of Proficiency, or for a
Professional qualification;
(b) The provisions of Regulations 8 and 9 shall apply (with necessary changes) to
(i) the final submission in each year of work for the practical subjects for the Degree of
Bachelor of Fine Arts, or for the Diploma in Fine Arts, or for the Diploma with Honours in
Fine Arts;
(ii) the final submission in each year of studio work for the Degree of Bachelor of Architecture
as if such final submission were an examination and as if the date upon which such final
submission was due were the date of examination.

Note: A candidate eligible to present himself for an examination solely on the grounds of his having been
granted Terms Carried Forward is ineligible for the award of an Aegrotat Pass or Compassionate Pass in
that examination.

Viva Voce Examination
11. A candidate who is eligible to apply and has applied for an aegrotat or compassionate pass
in any paper or subject may, in exceptional circumstances and on a recommendation from the
Head of the Department concerned, be granted permission by the Senate to take a viva voce
examination in any paper or subject of his aegrotat or compassionate pass application.

Concessions
12. Where degree Regulations or prescriptions permit, or the Senate upon such conditions as it
thinks fit approves, the examiners may in respect of any examination
(a) release to the candidates, the examination paper in advance of the sitting of the examina-
tion;
(b) allot a percentage of marks for awarding on the year's work of the respective candidates;
(c) require or permit the candidates, either wholly or partly in lieu of taking an examination
held in accordance with Regulations 2 to 5 inclusive and 7 to 9 inclusive of these Regulations,
to submit for examination such written assignments of work as may be required.

Theses
13. Where a thesis is required as part of an examination the following conditions shall apply
(a) Diplomas, Bachelors, and Masters Degrees
(i) The candidate shall submit two copies of the thesis to the Registrar and a short abstract
bound in each copy of the thesis provided that a candidate for the degree of Master of
Engineering shall submit three copies and a short abstract bound in each copy.
(ii) The Registrar shall transmit the submitted copies to the examiners.
(iii) On completion of the examination the supervisor of the thesis shall be responsible through
the Head of the Department for the deposit of two copies with the University Library.
(iv) On completion of the examination for the Degree of Master of Engineering the disposaL
of the third copy submitted shall be at the discretion of the Head of the Department.
(v) Where more than the required number of copies of a thesis are submitted any additional
copies shall be returned to the candidate.

Notes: (i) The examination copy of any written thesis presented for a degree or diploma shall be the first
copy, unless the thesis is cyclostyled printed, reproduced photographically or by electrostatic process and be
bound in a form sufficiently durable for preservation and use in the University Library. The second copy
may consist of a carbon duplicate of the typescript only. The Library will, if necessary, copy illustrated
material such as maps and will bind this second copy of the thesis.
This copy may be placed in a Departmental reading room.
(ii) Candidates are recommended to obtain the booklet ‘Pointers on the Binding of Theses’ from the Bindery
before proceeding with the typing and binding of the thesis.
(b) Degree of Doctor of Philosophy
(i) The candidate shall submit three copies of the thesis to the Registrar and a short abstract
bound in each copy of the thesis.
(ii) On completion of the examination two copies shall be deposited with the University
Library. The disposal of the third copy shall be at the discretion of the Head of the Department.

Notes: (i) The author of a thesis has a right to impose conditions restricting the publication of his work to ensure for such a period as he may stipulate, without however curtailing the University Librarian’s right to make and supply copies thereof in terms of subsection (3) of Section 21 of the Copyright Act (1962).

(ii) Where it is suspected that a thesis contains defamatory material the University Librarian may restrict access to the thesis subject to confirmation by the Library Committee.

(iii) Supervisors are requested to notify the University Librarian when a thesis is submitted if it is believed to contain material which could be considered defamatory.

Abstracts
14. Where a thesis, dissertation, research essay, or original investigation is submitted as part of an examination for a Bachelor’s or Master’s degree, a Diploma, or the Degree of Doctor of Philosophy a candidate shall at the same time submit a short abstract not exceeding 500 words, suitable for publication. The abstract shall be bound in each copy of a thesis submitted.

Examination Centres
15. Pursuant to Regulation 1 hereof the University of Auckland will conduct examinations in the following centres: Apia, Auckland, Dargaville, Gisborne, Lautoka, Nuku’alofa, Paeroa, Rotorua, Rarotonga, Suva, and Whangarei. Internal candidates are required to sit their examinations at Auckland.

FEES REGULATIONS
The following fees have been prescribed by Council:

GENERAL FEES
Ad Eundem Statum Admission (from overseas)
Graduate Status with right to proceed to a higher degree............................................... 20
With credits towards Bachelor’s Degree or Diploma course Admission 10
Cross-credits, Credit or Exemptions... each paper 5
each credit 1
(with a maximum fee of $35 for papers or credits up to a full-time course as defined under the Bursary Regulations, with a maximum of $60 for papers or credits for more than a full-time course).

Additions, Substitutions or Deletions to a Course of Study
Each application submitted.............................................. 5

Extramural Enrolment
... each BA paper 2
... each BCom paper 2
... each BSc credit 50c
... other papers or subjects each 5

Master’s thesis only... .............................................. 10
Research essay only.................................................. 10
Dissertation only... first year as for internal enrolment 10
... each subsequent year 5
Original Investigation only... first year 20
... each subsequent year 5

PhD Registration....................................................... 5

Provisional Admission.................................................. 5

Special Admission:
With University Degree............................................... Nil
With University Entrance or Provisional Admission.................................................. 5
Without University Entrance or Provisional Admission............................................. 10

Permission to enrol — having failed to make satisfactory progress........................................ ....5

Cross-credits or Exemptions
Cross-credits, Credit or Exemptions... each paper 5
each credit 1
(with a maximum fee of $35 for papers or credits up to a full-time course as defined under the Bursary Regulations, with a maximum of $60 for papers or credits for more than a full-time course).

<table>
<thead>
<tr>
<th>Service</th>
<th>Fee</th>
</tr>
</thead>
<tbody>
<tr>
<td>Recount of Marks</td>
<td>$10 per paper</td>
</tr>
</tbody>
</table>
(b) After Friday of Enrolment Week.................................................................................. 20
In addition after end of first week of first term.................................................................per week or part of a week 4
(c) Diploma in Gynaecology and Obstetrics — after 1 March or 1 September
.................................................................................................................................per week or part of a week 4
(d) Diploma in Obstetrics — after 1 March or 1 September
.................................................................................................................................per week or part of a week 4
(e) Diploma in Paediatrics — after 1 October.................................................................per week or part of a week 4

(B) Students for Instruction in a Single Instrument (Music)
After Friday of Enrolment Week..................................................................................... 20
In addition after end of first week of first term.................................................................per week or part of a week 4

Late applications for
(1) Additions or Substitutions to Courses of Study
Applications received after the date prescribed in the Enrolment and
Course Regulations (General) Regulation 7........................................................................per week or part of a week 4

(ii) Admission Ad Eundem Statum
from a New Zealand university
After 10 January.................................................................................................................. 20
from an overseas university
After 30 September for an undergraduate course................................................................. 20
After 31 January for a graduate course................................................................................. 20

(iii) Permission to Re-enrol — Failure to make satisfactory progress
After 10 January and until 31 January.................................................................................. 10

(iv) Provisional and Special Admission
After 31 January and until last day of enrolling period........................................................... 5
After last day of enrolling period.......................................................................................... 15

(v) Terms Carried Forward
After 10 January and until 31 January.................................................................................. 5
After 31 January.................................................................................................................... 15

(vi) Extramural Enrolment
After 10 January and until 21 February................................................................................ 5
After 21 February.................................................................................................................. 15

(vii) Pre-enrolment after due date...................................................................................... 10

TUITION AND RESEARCH FEES
Notes:
1. Fees for private overseas students beginning a new course of study in 1980 are shown at the
end of this list.
2. A Master's candidate required to resubmit a thesis must re-enrol and pay the prescribed fee.
3. Students may be required to pay towards the cost of their field trips.
4. No refund of fees will be made unless an "Application to Alter Course" form is handed in to the
Registry on or before the appropriate date prescribed in Regulation 7 of the Enrolment and Course
Regulations (General) and approved.

ARCHITECTURE AND TOWN PLANNING, Faculty of
BArch
Intermediate: Arts papers and Science courses as prescribed for BA and BSc Professional
Examinations:
Composite fee for each year with a maximum of 4 years.................................................. 200
Separate subjects .................................................................................................................... 7
Subjects under Faculty of Architecture Regulation 7(b) as prescribed for the appropriate Faculty.
MArch, MPhil .................................................................................................................... 90
.................................................................................................................................third and subsequent years, each 10

BTP
Intermediate: Arts papers and Science courses as prescribed for BA and BSc
First and Second Town Planning Examinations Composite fee for each year.................. 160
Separate papers:
Part A papers, each............................................................................................................. 30
Part B papers, each............................................................................................................. 18
Part C papers, as prescribed for BA, BSc, or other Faculties....
### DipTP
- Part A papers, each: $30
- Part B papers, each: $18
- Dissertation (under 1974 Regulations), first year: $20
- MTP, M Phil, first and second years, each: $90
- Third and subsequent years, each: $10

#### Arts papers, as prescribed for BA; Commerce papers, as prescribed for BCom; Science courses as prescribed for BSc; Mathematics, as prescribed for BSc.
- DipVal Intermediate; Arts, Commerce and Science papers as prescribed for BA, BCom and BSc.

### DipVal
- All other subjects (except subthesis and dissertation), per credit: $7
- Subthesis, first year: $20
- Dissertation, first year: $30
- Subthesis or dissertation, each subsequent year: $5

### NZIA Special Examination
- Each subject:
- Without lectures (extramural enrollment): $5
- With lectures: as for BArch

#### ARTS, Faculty of

### BA
- Science courses including Geography, Mathematics, and Psychology as prescribed for BSc
- All other papers, including preliminary papers, each: $18

### MA, MPhil
- In Arts papers excluding Psychology, first and second years, each: $70
- Third and subsequent years, each: $10
- In Science courses including Psychology, first and second years, each: $90
- Third and subsequent years, each: $10

### Dip Drama
- Composite fee: $150

### DipEd
- All papers, each: $18
- Original Investigation, first year: $20
- Each subsequent year: $5

### DipEdPsych
- Part I, first year: $120
- Each subsequent year: $70

### DipGuid
- Part I, each paper: $5
- Part II, first year: $18
- Each subsequent year: $20

### DipLGA
- Part I, each subject: $30
- Part II: $10
- Part III:
  - Papers from other Courses of Study, as prescribed for those Courses: $20
  - Research Essay, each subsequent year: $5
  - One lecture or laboratory period per week in any paper:
    - Full year: $18
    - Part year: $9

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1980 Calendar
COMMERCE, Faculty of
BCom
Arts papers, as prescribed for BA; Science courses, as prescribed for BSc;
Mathematics as prescribed for BSc.
All other papers, each .......................................................... 18

MCom, MPhil
.......................................................... first and second years, each 70
.......................................................... third and subsequent years, each 10

DipBIA
Case Studies I or II .......................................................... each, 10
All other subjects, each .......................................................... 20
Dissertation .................................................................................. first year 20
Each subsequent year .......................................................... 5
One lecture or laboratory period per week in any subject
Full year .................................................................................. 20
Part year .................................................................................. 10

DipISA
Composite fee ............................................................................ first year 100
.......................................................... each subsequent year 10

ENGINEERING, Faculty of
BE (Chemical and Materials, Civil, Electrical, Engineering Science, Mechanical)
Intermediate: — Science courses, as prescribed for BSc
Professional units:
Composite fee with a maximum of 3 years .......................................................... each year 200
Separate subjects with a maximum fee of $250 a year or $125 a semester
Project work in Chemical and Materials Engineering, Electrical Engineering, or
Mechanical Engineering, each .......................................................... 44
All other subjects, each .......................................................... 22
ME, MPhil .................................................................................. first and second years, each 90
.......................................................... third and subsequent years, each 10

DipBIA see under Commerce

FINE ARTS, Faculty of
BFA, DipFA
Arts papers, as prescribed for BA
Art History papers for BFA, each .......................................................... 18
Art History papers for DipFA, each .......................................................... 18
All other Studio units, each (1974 Regs.) .......................................................... 120
Studio I 27.150, 27.151 .................................................................................. 72
Studio II 27.250 .................................................................................. 108
27.251 .................................................................................. 126
27.252 .................................................................................. 54
27.253 .................................................................................. 72
Studio III 27.350 .................................................................................. 108
27.351 .................................................................................. 126
27.352 .................................................................................. 54
27.353 .................................................................................. 72
Studio IV 27.450 .................................................................................. 162
27.451 .................................................................................. 126
27.452 .................................................................................. 108
Studio Theory, papers each .................................................................................. 18

MFA .................................................................................. first and second years, each 90
.......................................................... third and subsequent years, each 10

DipFA (Hons)
First year .................................................................................. 140
Each subsequent year .................................................................................. 10
**LAW, Faculty of**

**LLB, LLB (Hons)**
Intermediate: Arts papers and Science courses, as prescribed for BA or BSc:
Land Conveyancing Papers and Practice; Office Administration; Advocacy and Ethics; Commercial Papers and Practice; Wills and Trusts Practice; Introduction to Company Law; Introduction to Commercial Law and Introduction to Family Law, each...

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**LLM, MJur, MPhil**

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**DipCrim**

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**MEDICINE AND HUMAN BIOLOGY, Faculty of**

**BHB**

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<td>Human Cell and Tissue Biology</td>
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<td>Visceral Organ Systems</td>
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<td>Behavioural Science II</td>
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<td>Neurolocomotor System</td>
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<td>Homeostasis</td>
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<td>Pharmacology</td>
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**MBchB**

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<td>Composite fee for Sixth year</td>
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**MHB, MMedSc, MPhil**

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<td>All other subjects</td>
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<td>Any single Masters paper taken for C.O.P</td>
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**DipG&O**

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**DipObst**

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**DipPaed**

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**DipPsychiat**

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<td>Part I and II</td>
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1980 Calendar
MUSIC, Faculty of
BMus, BMus (Performance)
Performance I, II, III, and IV, each ........................................... 90
Papers in Music, each ............................................................... 18
Arts and Science papers, as prescribed for BA and BSc.
BMus (Performance) (Hons)
Performance I, II, III, and IV, each ........................................... 90
Papers in Music, each ............................................................... 18
M Mus M Phil ........................................................................ RS.
first and second years, each ....................................................... 70
third and subsequent years, each ................................................. 10
M Mus, M Phil, in performance ....................................................
first and second years, each ....................................................... 100
third and subsequent years, each ................................................. 10
DipMus
Performance I, II, and III, each ................................................. 90
Papers in Music, each ............................................................... 18
DipMus (Hons)
Performance IV ........................................................................ 90
Papers in Music, each ............................................................... 18
Courses for Non-Degree Students
All papers each ......................................................................... 18

Instruction in a Single Instrument
1 hour per week (except double bass) ........................................... full year 390
1 hour per week double bass ....................................................... full year 300
1/2 hour per week or 1 hour per fortnight (except double bass) .... full year 195
1/2 hour per week or 1 hour per fortnight double bass ................. full year 150

SCIENCE, Faculty of
BSc
All Science courses, each credit .................................................. 5
Arts papers, as prescribed for BA
BSc (Hons)
Composite fee ........................................................................... each year 130
MSc, M Phil
In Geography or Mathematics .................................................... first and second years, each 70
third and subsequent years, each ............................................... 10
In other subjects ........................................................................
first and second years, each ....................................................... 90
third and subsequent years, each ............................................... 10

Foreign Language Reading Examination ....................................
with lectures ............................................................................ 18
without lectures ...................................................................... 5

DipCompMaths
Composite fee ........................................................................... first year 100
each subsequent year .............................................................. 10

DipMathEd
Composite fee ........................................................................... first year 100
each subsequent year .............................................................. 10

DipStats
Composite fee ........................................................................... first year 100
each subsequent year .............................................................. 10

DipOpt
Division I .................................................................................. 180
Division II, III, IV ...................................................................... 110
Separate courses
Division I
Chemistry 101, 102 .................................................................... 60
General Statutes & Regulations, Fees

Physics 115, 125 or 110, 120 ................................................................. 60
Zoology 102 ......................................................................................... 30
Biology 101 ......................................................................................... 30

Division II
Optics 44.201 ...................................................................................... 10
Motility and Binocular Vision 44.202 .................................................. 10
Ocular Anatomy 44.203 ....................................................................... 10
Ocular Physiology 44.204 ..................................................................... 10
Clinical Optometry II 44.211 ............................................................... 10
Introduction to Pathology 44.212 ......................................................... 10
Introduction to General Psychology 32.108 ......................................... 30
Introduction to Experimental Psychology 32.109 ............................... 30

Division III
Sensory Aspects of Vision 44.301 ......................................................... 12
Applied Optics 44.302 ........................................................................ 12
Binocular Vision and its anomalies 44.303 ......................................... 12
Ocular Pathology 44.304 ..................................................................... 12
Clinical Optometry III 44.311 ............................................................. 12
Contact Lens Practice 44.312 ............................................................. 12
Sensory Processes Physiological Psychology 32.207 ............................ 20
One paper from 32.206, 32.208 ......................................................... 20

Division IV
Advanced Physiological Optics 44.401 .............................................. 13
Environmental Optometry 44.402 ....................................................... 13
Socio-Economic Optometry 44.403 ..................................................... 13
Clinical Optometry IV 44.411 .............................................................. 13
Paediatric Optometry 44.412 ............................................................... 13
Geriatric Optometry 44.413 ................................................................. 13
Clinical Practice 44.414 .................................................................... 13
Project 44.421 .................................................................................. 13
The Psychological Analysis of Vision and Hearing 32.307 ................... Each subsequent year 5
One lecture or laboratory period per week in any subject ................ 20
Full year ......................................................................................... 20
Part year ......................................................................................... 10

Dip ClinPsych
Part I .................................................................................................. 10
Part II .................................................................................................. 40
First year ......................................................................................... 5
Each subsequent year ................................................................. 10

Dip EnTech (Geotherm)
Composite ........................................................................................ 160
First year ......................................................................................... 10
Each subsequent year ................................................................. 10

Certificates in Principles and Practice of Radiochemistry
Paper 08.350 .................................................................................... 10
Paper 08.351 .................................................................................... 10

DOCTOR OF PHILOSOPHY
First year of full-time study .................................................................. 70
Second year of full-time study .............................................................. 70
Each subsequent 6 months or part of 6 months of full-time study ........ 35
(Candidates registered part-time for PhD are required to pay each year half the fee prescribed for full-time study.)

PRIVATE OVERSEAS STUDENTS
A private overseas student on a student permit beginning a new course of study in 1980:
Full-time ............................................................................................ $1500
Part-time ............................................................................................ pro rata proportion of $1500

Notes:
1. The $1500 charge is inclusive of all tuition fees.
2. Students exempted from the charge will pay tuition fees as prescribed for the appropriate course of study.
3. The following are exempted from the $1500 charge:

1980 Calendar
Private Overseas Students Continuing
Students continuing the same course of study for which they were enrolled in 1979. (A student completing a course such as BA in 1979 and enrolling for MA in 1980 is regarded as beginning a new course.)

South Pacific Students
Students from the following: Australia, Cook Islands, Fiji Kiribati, Nauru, New Hebrides, Niue, Papua New Guinea, Solomon Islands, Tokelau Islands, Tonga, Tuvalu, Western Samoa.

Students Changing Course on Academic Advice
Students changing in year one or year two from one course to another before completing the first course where they have been advised by their teachers to do so because of academic unsuitability. (This applies only to those enrolled in 1979.)

Students Taking Prerequisite Courses
Those graduate students who first enrolled in a New Zealand university in 1979 who were required to take certain prerequisite courses before beginning a postgraduate course in 1980.

Students on Approved Reciprocal Exchange Schemes or the Commonwealth Postgraduate Scholarship Scheme or in New Zealand with financial assistance provided directly or indirectly from Government funds (e.g. students on Bilateral Aid Assistance.)

DISCIPLINE
Under the provisions of the University of Auckland Act 1961, the Senate has, subject to a right of appeal to the Council, the power to deal with all questions relating to the discipline of students. During the intervals between meetings of the Senate, and subject to a right of appeal to the Senate, the Vice-Chancellor may exercise alone the powers of the Senate as to discipline.

DISCIPLINARY REGULATIONS
1. These Regulations may be cited as the Disciplinary Regulations 1972.
2. These Regulations shall come into force on 1 January, 1973.
3. In these Regulations unless the context otherwise requires:
   ‘Class’ means any lecture, tutorial, seminar, laboratory, or other assembly of students at which tuition is being given and includes any lecture or address within the University at which students are present;
   ‘Hall’ means any hostel or hall of residence or other student accommodation under the control of the Council;
   ‘Student’ means a duly enrolled student of the University and includes for the purposes of Regulation 4 hereof a person applying so to enrol;
   ‘Students’ Association’ means the Auckland University Students’ Association Incorporated;
   ‘Warden’ means the person who is for the time being in charge of any Hall and includes his duly appointed deputies;
   ‘The Act’ means the University of Auckland Act 1961 and its amendments;
   ‘The University’ includes any institution under the control of the Council;
   ‘University property’ includes property occupied by the University, property owned by any institution under the control of the Council, and any property held by the Crown on behalf of or for the purposes of the University.
Words and expressions defined in the Act have the meanings so defined.
4(a) Every student shall on enrolling at the University sign a declaration in the following form or to the like effect: ‘I hereby solemnly promise that I will faithfully obey the rules and regulations of the University and be bound by the same.’
(b) The Senate shall have power to impose conditions on the attendance at classes of any student and to obtain his undertaking to observe those conditions, either at his enrolment, or in the course of his attendance at the University in all cases where in the reasonable opinion of the Senate it is necessary so to do in order to prevent any possible disturbance to the carrying out of normal activities at the University or otherwise to maintain order and discipline.
(c) The Senate or the Discipline Committee of the Senate may as delegate of the Council exercise the powers conferred on the Council by s. 24 (2) of the Act without however preventing the Council from exercising those powers.
5. No student or other member of the University shall:
   (a) act in a manner contrary to the good government of the University or prejudicial to its functioning as such;
   (b) wilfully or recklessly damage or deface, or wilfully move without authority, any property of the University or any other property within the University, precincts;
   (c) wilfully impede the activities of the University, whether in teaching, research or otherwise;
   (d) wilfully create any nuisance in or on the University precincts;
(e) willfully obstruct any officer or member of the University employed at the University in the due performance of his functions or of the work he is required to perform;
(f) be in a part of the University precincts in which he is not, at that time, entitled to be, knowing that he is not entitled to be there at that time;
(g) (i) start, ride, or park without prior permission, a cycle, a motorcycle, or a motor vehicle in University grounds;
(ii) fail to comply with the University Parking Regulations at all times;
(h) fail to comply with the directions on any notice erected with the authority of the Council and governing entry, speed and exit of vehicles, and the location of parking spaces;
(i) commit any criminal offence in the University precincts;
(j) smoke
(i) in the Library except with the permission of the Librarian; or
(ii) in any General Lecture Theatre; or
(iii) in any Seminar Room except with the express consent of all those present;
(k) commit a breach of any University Statute or Regulation or of any rule of conduct made by any person authorized by the Council or the Senate to make such rule, provided that the Statute Regulation or rule has been published in the University Calendar or that reasonable notice thereof has been given by other means, to students generally or to the student charged with misconduct, before the misconduct is alleged to have taken place.
6. No student shall
(a) knowingly fail to identify himself if required or to comply with such directions as may be reasonably made by the Vice-Chancellor, the Registrar, any Professor, member of the Senate, or Lecturer in order to maintain good order and discipline;
(b) knowingly fail to comply with any reasonable direction given to him by the person in charge of a group of students going to, engaged in, or returning from a field trip or any other academic activity conducted by the University beyond the University precincts, or, while a member of such a group, do anything which would constitute misconduct if done within the University precincts;
(c) fail to comply with any specific Departmental or Faculty Regulation in regard to appropriate dress in relation to safety or to professional courses;
(d) bring or consume alcoholic liquors within the precincts of the University for other than official functions except with the permission of the Senate. Permission for alcoholic liquors to be consumed at other functions will be subject to the following conditions.
(i) where the function is held in a lecture theatre, reading room, seminar room, staff study or staff common room, one senior member of the staff shall be present throughout the function;
(ii) where the function is held within the facilities under the control of the Student Union Management Committee, a senior member of the staff or a member of the Student Executive or a member of the Student Union Management Committee shall be present throughout the function;
(e) post student notices elsewhere than on the permanent notice boards provided for this purpose, and in accordance with the conditions laid down by the Student's Association.
7. The person in charge of a class may reprimand, or exclude from not more than three successive meetings of the class, any student whom he considers guilty of misconduct in class. Any exclusion from more than one meeting of the class under this Regulation shall be reported promptly to the Vice-Chancellor. A student reprimanded or excluded under this Regulation may appeal to the Vice-Chancellor or to the Senate for the matter to be reviewed. The Vice-Chancellor may suspend the operation of an order for exclusion from class until the appeal has been heard and determined.
8. The Senate shall have power
(a) to impose on any student who does not observe the provisions of these Regulations; or the conditions (if any) attached to his attendance at classes pursuant to Regulations 4 and 16 thereof; or any direction given under Regulation 11 hereof; or who otherwise commits any breach of University discipline; any one or more of the following penalties as it thinks fit.
(i) such sum by way of restitution as may be appropriate for any damage so caused;
(ii) a fine not exceeding $100;
(iii) a suspension from attendance at the University or any of its classes for such period as it thinks fit;
(iv) expulsion from the University;
(v) a limitation or prohibition on his attendance at any class or classes at the University or his use or enjoyment of any of the facilities of the University;
(b) to withhold the granting of terms to any student who is in default with any payment due by him to the University under these or any other Regulations or any Statute;
(c) to delegate the powers conferred on it by these Regulations to the Discipline Committee of the Senate without thereby preventing itself or the Vice-Chancellor pursuant to Regulation 9 hereof from exercising any such delegated power.

9. The Vice-Chancellor shall have power (subject always to Regulation 14 hereof) to exercise all the powers and authorities of the Senate under these Regulations and under the Act, including any powers delegated by the Senate to any committee of the Senate, during the intervals between meetings of the Senate or that Committee.

10. The Vice-Chancellor, the Registrar, or any Professor, member of the Senate or Lecturer shall have power to report any student to the Discipline Committee for any breach of these regulations.

11. Any Warden shall have the power (subject always to Regulation 14 hereof)
(a) from time to time to give such directions as he reasonably thinks fit for the maintenance of good order and discipline within the Hall under his charge provided however that all such directions shall, if of general application be exhibited on the main notice board of the Hall to which they relate forthwith after they are given;
(b) to impose as he thinks fit on any student who does not observe any of the directions so given, any one or more of the following penalties:
(i) such sum by way of restitution as may be appropriate for any damage so caused;
(ii) a fine not exceeding $50;
(iii) a suspension from attendance at the Hall for such period as the Warden thinks fit;
(iv) expulsion from the Hall.

12. The Vice-Chancellor, the Registrar, or any Professor, member of the Senate, or Lecturer may, in addition to reporting any breach of these Regulations to the Discipline Committee, order any student to pay the cost of replacing or repairing any University property lost, damaged or destroyed by reason of the wilfulness, negligence, or misconduct of that student. Any penalty so ordered shall be paid within 14 days.

13. The Executive of the Students' Association shall (without prejudice to the powers of the Senate under s. 34(3) of the Act) have power of disciplinary control over students within the Student Union Buildings or the precincts of the Student Union Buildings and in exercise of that power may
(i) impose a fine not exceeding $25 on any student guilty of any act prejudicial to the maintenance of discipline therein, and
(ii) (whether or not in addition to imposing a fine) order any student to pay as a penalty the cost of replacing or repairing any property therein lost, damaged or destroyed by reason of the wilfulness, negligence, or misconduct of that student.

14(a) All fines and other penalties imposed under Regulations 9, 11, and 12 hereof or by the Discipline Committee under powers delegated to it under Regulation 8 hereof shall forthwith be reported to the Senate by the person or body imposing them.
(b) Any student on whom a fine or other penalty is imposed under Regulations 9, 11 and 12 hereof under powers delegated under Regulation 8 may within seven (7) days of imposition of that penalty, by giving notice to the Registrar in writing, appeal to the Senate against it. The Senate may hear and determine an appeal in such manner as it thinks proper.
(c) Any student who suffers any penalty under these Regulations by a decision of the Senate or the Discipline Committee of the Senate or the Executive of the Students' Association or whose appeal under the preceding clause of this Regulation is dismissed by a decision of the Senate may within seven (7) days of that decision, by giving notice to the Registrar in writing, appeal against it to the Council which may hear and determine the appeal in such manner as it thinks proper. The decision of the Council shall be final.

15(a) The grounds of Old Government House are open to all members of the University for their individual use for the purpose of quiet recreation;
(b) No organised group activities will be permitted in those grounds without the specific permission of the Vice-Chancellor, acting on behalf of the Council, given in each case and in such terms as are appropriate;
(c) Members of the University may bring guests into the University grounds but not into the grounds of Old Government House except in terms of clauses (a) and (b) above;
(d) At all times, and more particularly at night, members of the University and their guests shall act in such a way as not to cause disturbance or inconvenience to those living in the
grounds (both occupants of Old Government House and members of the custodial staff), or to residents in the immediate neighbourhood.

Notes: (i) If the above requirements are observed, no time limit on the use of the grounds will be necessary, nor shall there be any need for the Police to be on the campus by invitation or otherwise.

(ii) Members of the University while in the grounds are free to observe demonstrations which may occur in the adjoining streets, but they are reminded that the Statutory and Common Law powers of the Police enable the Police to enter the University campus and to take appropriate action in relation to offences committed thereon and to prevent a breach of the peace.

(iii) Whenever it appears likely that demonstrations of the kind mentioned in note (ii) above will occur, the Vice-Chancellor shall consult with the appropriate representatives of staff and students.

(iv) Any privileges of staff, students, and their guests in respect of the use of the grounds, may be withdrawn by the Vice-Chancellor, acting on behalf of Council; the Vice-Chancellor shall report the circumstances to the next following meeting of the Senate and Council.

16(a) No member of the Security Service enrolled as a student at the University shall carry out any inquiries into security matters within the precincts of the University.

(b) The proposed attendance of a member of the Security Service at the University shall be discussed between the Security Service and the University Authorities before his enrolment.

17. After the discussions contemplated in the preceding sub-clause 16(b) have been held, the Senate shall determine each year what special conditions (if any) as to attendance at classes shall apply to students who are members of the Security Service in order to maintain discipline among the students of the University by preventing any possible disturbance to the carrying out of normal teaching activities.

18. Nothing in these Regulations shall prejudice the rights and remedies of the University under the general law in respect of the misconduct or negligence of any student.

THE LIBRARY

The University Library was established in 1884 with a grant of £37 for books which were to be bought in England and uniformly bound in full calf with golden lettering. Since then the Library has grown into a collection of more than 800,000 volumes, excluding thousands of unbound periodicals, pamphlets, and reprints. Over 11,000 periodical titles are currently received. The Library has benefited by a number of generous gifts among them being the collection of books in Classics and Old Testament Literature bequeathed by the late Professor A. C. Paterson and an extensive collection of material relating to the Labour movement in New Zealand and other countries presented by Mr P. W. G. McAra.

The University Library comprises the General Library in the Library Building on the corner of Princes Street and Alfred Street, divisional libraries in Architecture, Biological Sciences, Engineering, Fine Arts, Geography, Geology, Law, Medicine, Music, Science. In addition there are departmental reading rooms in a number of subjects. The General Library contains most of the books needed for undergraduate reading in arts subjects. It also contains more advanced material in Accountancy, Anthropology, Education, Geography, History, Languages and Literature, both classical and modern, Philosophy, Psychology.

A separate Undergraduate Reading Room has been opened in the former Ballroom of Old Government House. This contains 140 seats for readers and a collection of works in heavy demand.

More information about the Library, its services and organisation, can be found in the Library Guide and in the pamphlet Books and Reading Accommodation in the University of Auckland. These are available from the Reference Desk in the General Library. Library tours are offered during the week preceding enrolment and during the first week of lectures. Readers are encouraged to seek assistance throughout the year from Reference Department staff.

LIBRARY REGULATIONS

1. These regulations may be cited as the Library Regulations 1970 and shall come into force on 1 January, 1971.

2. Except where otherwise stated

(a) these regulations shall apply to all sections of the University Library, that is, the General Library, Undergraduate Reading Room, Architecture, Biological Sciences, Centre for Continuing Education, Engineering, Fine Arts, Geology, Geography, Law, Medicine, Music, and Science, and such other sections as may be added by the Senate;

(b) in these regulations ‘books’ includes all types of printed, written and photographic material, and (except where the context otherwise requires) gramophone records and tapes.
Hours of Opening

(General Library only)

3. The hours of opening shall be:

Mondays to Fridays
8.30 am — 11 pm

Saturdays
9 am — 5 pm

(Third Term — 9 pm)

May Study Break (first two weeks)
9 am — 6 pm

Summer Vacation
9 am — 5 pm
(Wed — 9 pm)

The Library shall be open on Sundays in first and second terms and August Study Break from 9 am to 5 pm and in third term from 9 am to 9 pm. No lending services shall be available on Sundays. The Library shall be closed on Anniversary Day, Waitangi Day, Good Friday, Easter Saturday, Easter Sunday, Easter Monday, Anzac Day, Queen's Birthday and for up to three weeks from and including Christmas Eve:

These hours may be varied at the discretion of the University Librarian and any variation shall be appropriately notified in the General Library.

Readers

4. (a) All members of the University* ordinarily resident in New Zealand and of its library and administrative staff shall be readers for the purpose of these Regulations and may:

(i) use all sections of the Library; and

(ii) on completion of such registration formalities as the University Librarian requires, borrow books from it; provided that no person shall be deemed an undergraduate member of the University unless he is currently enrolled as such.

(b) By special permission of the University Librarian any person not included among those authorised by clause (a) of this Regulation may be a reader and accorded full or partial use of Library facilities.

(c) The University Librarian may at any time require from any reader as a condition of that reader’s use of the Library and borrowing facilities that he pay to the University a sum of not more than $15 as a deposit to be applied in payment or part payment of any sum for which he may become liable under Regulation 6 (d). Any balance of the deposit shall be refunded on the termination of his use of the library.

*Members of the University includes the University Council and all professors, lecturers and junior lecturers and all graduates and enrolled undergraduates of the University.

Borrowing

5. (a) No reader shall borrow any book otherwise than in accordance with these regulations.

(b) (General Library only). Books may be borrowed whenever the General Library is open except on Sundays and such public holidays as the University Librarian may determine; but no books shall be issued after 10.30 pm on Monday to Friday, or after 4.30 pm on Saturdays. The hours during which books may be borrowed may be varied at the discretion of the University Librarian.

(c) (General Library only). Borrowers shall write their name and address clearly and legibly on the book card of each book and present book and card at the exit for stamping along with their identity card. The address given shall be that to which any notices should be sent. The desk assistant shall stamp the book with the date on which it is to be returned.

(d) Any person on leaving the Library shall on demand present all books and personal property for inspection.

(e) (General Library only). Any book on the open shelves which has a book card and date slip may be borrowed until the next end of term or for such shorter periods as the Librarian may decide. Borrowers shall be required to check the date stamped in the book by the desk assistant. Glass case books without ‘not to be borrowed’ labels may be borrowed for a fortnight only. All other materials shall be used only in the Library except that Teaching Staff and Postgraduate Students may borrow bound volumes of periodicals for fourteen days, and theses for fourteen days.

(f) Books from any section of the Library other than the General Library shall be borrowed direct from that Section.

(g) All books shall be subject to recall within 24 hours. Borrowers who fail to respond to a recall notice within 24 hours shall incur a fine of 50c plus 50c for each further 24 hours that the book is overdue. Borrowers who retain other books beyond the date for return stamped on the date slip incur a fine of 10c per day whether a notice has been sent or not.
(h) The librarian shall be under no obligation to notify borrowers when books are overdue and a fine may still be charged when books are returned after the date stamped, even though no notice has been received.

(i) Borrowers who wish to renew a book on limited loan for a further period may apply by letter (giving author, title and call number on the spine of the book) or in person, or (in the case of theses, periodicals or glass case books) by telephone. Renewal, will be refused if the book is reserved, and may be refused at the discretion of an authorised librarian. At the end of term, all out-standing books shall be returned or presented for renewal at the Lending Desk. They cannot be renewed by letter or by telephone at this time.

(j) Readers may reserve for borrowing one book a day by filling in a reservation card at the Lending Desk. The length of loan allowed shall depend on the number of other readers who are also waiting for the book. Borrowers who return limited loan reserve books late shall incur a fine of 50c per volume for each 24 hours the book is overdue.

(k) Books which are in heavy demand may be kept behind the Lending Desk. These Desk Copies shall be available for a specified period (advertised in the Library concerned) on surrender of the reader's identity card and may not be removed from the Library except in the case of overnight loans. Failure to return Desk Copies on time shall incur a fine of 25c per volume for each quarter hour or part of a quarter for which the book is not returned.

(l) Teaching staff and postgraduate students may apply to borrow books from another library through the Interloans Assistant. Such books are subject to the conditions imposed by that library.

(m) The gramophone records held in the General Library shall be available for borrowing on payment of a subscription determined by the University Librarian from time to time.

(n) Library books may be taken out of New Zealand only with the prior permission of the University Librarian.

(o) Authorised librarians may refuse to issue excessive numbers of books to any one reader.

* Current subscriptions are: students $7; staff and graduate borrowers $8.

**Discipline**

6. (a) Bags, satchels and briefcases shall not be taken into the Library.

(b) Under no circumstances shall a book be passed on to another reader without being re-issued in that reader's name. Where this regulation is broken the reader in whose name the book is issued shall remain liable for all fines payable by reason of failure to return a book which is overdue or recalled.

(c) Every reader shall immediately notify to the Library any change of his address and thereupon renew the borrowing of all books issued to him.

(d) (i) Readers shall be responsible for, and shall make good, any loss of or damage to books on loan to them or being used by them in the Library. In addition to the cost of replacement or repair, readers may be charged an administration fee of $5, whether or not the book if lost is subsequently found and returned in good order.

(ii) The loss of a book shall be reported immediately to an authorised librarian.

(iii) A lost book remains the property of the University, notwithstanding payment of the bill for its replacement, and must be returned if found. A refund (in whole or part, according to the condition of the book on return) will be made for it but the administration fee may be retained.

(e) No reader shall deface or mark any book.

(f) The reservation of seats in the Library shall not be permitted. Books and any other articles left for any length of time on chairs or tables may be removed by any of the Library staff. No responsibility is accepted for personal belongings left in the Library.

(g) Silence shall be observed in all public reading areas.

(h) Bottles of ink shall not be brought into the Library.

(i) No reader shall smoke or shall consume food or drink in any part of the Library open to readers.

(j) A warning signal will be given 15 minutes before closing time and all readers shall vacate the Library by closing time.

(k) Library fines or charges amounting to $2 or more, bills and disciplinary fines shall be paid to the University Cashier at the Registry. Fines of less than $2 may be paid at the lending desk of the Library concerned.

(l) Where a fine or charge is not paid within 14 days of becoming due.

(i) The University Librarian may withdraw library privileges from the reader in default for such period as he thinks fit.
(ii) the Senate may impose on the reader any of the following penalties: refusal of terms; withholding of examination scrips; refusal of re-enrolment for the next academic year; disqualification from graduation.

(m) No reader may borrow from the Library while any fine or charge payable by him is outstanding.

(n) Any authorised librarian may require any reader who is guilty of disorderly or improper conduct or of any breach of these regulations to withdraw from the Library and the University. Librarian may withdraw library privileges from that person for such period as he thinks fit.

Nothing in these regulations shall limit the application to the Library (where relevant) of the Disciplinary Regulations 1972.

Note: The unauthorised borrowing or removal of books is regarded as a serious disciplinary offence.

Copyright
7. Every reader using copying facilities in the Library shall duly comply with the laws on copyright.

Note: (i) Readers are warned that if a copyright work is copied the copying must be a "fair dealing for the purpose of research or private study only" to comply with the laws on copyright.

(a) No more than one copy of the work must be taken.

(b) No whole copyright work by any author can be copied.

(c) Single extracts must not exceed 4000 words. If a series of extracts is required, each extract must not exceed 3000 words to a total of 8000 words. In neither case must the total amount copied exceed 10% of the whole work.

(ii) These rules apply to coin-operated copying machines and not to photocopying supplied by librarians.

(iii) Failure to observe these rules may be treated as a breach of discipline. Users who are in doubt as to whether an item is in copyright should consult a member of the Library Staff.
Faculty of Arts

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DEGREE COURSE REGULATIONS

THE DEGREE OF BACHELOR OF ARTS

BA

The personal course of study of every candidate must be approved by the Senate. Approval will normally be granted for courses which are in accordance with the following Regulations; for general provisions affecting their courses of study students are referred to the Enrolment and Course Regulations (General), the Terms Regulations, and the Examination Regulations.

General Provisions
1. Subject to the Admission Ad Eundem Statum Regulations, a candidate for the Degree of Bachelor of Arts shall follow a course of study of not fewer than three years.
2. The course of study for the Degree shall consist of twenty-two papers selected from those listed in the Schedule to these Regulations. Papers are classified in three stages, I, II, and III.
3. Every course of study shall include at least fifteen papers selected from subjects in Group A in the Schedule.
4. Every course of study for the Degree shall include:
   (a) at least six papers in one subject of which three are at stage III level;
   (b) at least twelve papers higher than stage I level selected from two or more subjects;
   (c) no more than eleven papers in any one subject.
5. Every course of study shall consist of five or six subjects:
   provided that in exceptional circumstances the Senate may, upon the recommendation of the Heads of Departments in which the candidate proposes to take advanced papers, approve a course consisting of four or more than six subjects.
6. Except with the permission of the Senate no candidate shall take in any one year more than nine papers for this Degree.

Requirements for Particular Subjects.
7. A candidate wishing to be enrolled in any subject which is also a subject of examination for the Degree of Bachelor of Science shall comply with such of the course Regulations for that Degree relating to prerequisites, combinations of subjects, and practical work, as are applicable to that subject, save where the Senate in individual cases allows otherwise.

Botany, Chemistry, Economics, Geography, Mathematics, Physics, Zoology
8. (a) A candidate may with the permission of the Senate enrol for stage II papers of a subject to which this Regulation applies without having been credited with the stage I papers. If a candidate is credited with stage II papers he shall not also have the stage I papers of the subject credited to his course. If the examiner certifies that the candidate though failing a stage I paper or papers, attained the standard of a pass at stage I of the subject, the candidate shall have the appropriate stage I paper or papers credited to his course.
   (b) This Regulation applies to the following subjects: Botany, Mathematics, Chemistry, Physics, Economics, Zoology, Geography.

Chinese, Indonesian, Japanese
9. (a) A candidate with previous knowledge in any subject to which this Regulation applies may be required by the Senate to take stage II papers of that subject without having passed stage I papers. If the candidate passes stage II papers he shall be credited with stage II papers but shall not be credited with stage I papers as papers for any University degree or diploma. If the examiner certifies that the candidate though failing a stage II paper or papers, attained the standard of a pass at stage I of the subject, the candidate shall have the appropriate stage I paper or papers credited to his course.
   (b) This Regulation applies to the following subjects: Chinese, Indonesian, Japanese.

Law
10. (a) This Regulation applies (notwithstanding the provisions of Regulations 2, 3, 4, 5 and 6) to a candidate for this Degree who has been credited for this Degree with not less than fifteen papers (in this Regulation called 'arts papers'); of which three are at stage III level in one subject and six others are at a higher level than stage I.
   (b) Where the candidate:
(i) has been credited with fifteen arts papers and
(ii) has been credited for the Degree of LLB or LLB (Hons) with five subjects from those listed in Parts I and II of the Schedule to this Regulation, of which at least two are from Part II — he shall be entitled to be credited with those five subjects as the remaining seven papers for this Degree.

(c) Where the candidate:
(i) has been credited with more than fifteen but less than twenty-two arts papers and
(ii) has been credited for the Degree of LLB or LLB (Hons) with one or more subjects from those listed in Parts I and II of 10(f) below
then, if the Dean of the Faculty of Arts deems the subject or subjects (so credited) to be of sufficient weight, the candidate shall be entitled to be credited with it or them as the remaining paper or papers for this Degree.

(d) The subjects so credited under this Regulation shall be admitted as additional cross-credits for the purpose of Regulation 12 of the Enrolment and Course Regulations (General).

(e) A candidate who has completed or is completing his course for the Degree of Bachelor of Laws or Bachelor of Laws (Honours) under the Regulations published in the University of Auckland Calendar 1966, and who invokes this Regulation, may be credited with the subject Constitutional and Administrative Law in place of the subject Constitutional Law.

(f) Part I
Administrative Law
Constitutional Law
Copyright, etc.
Criminology
Family Law
Industrial Law
International Institutions
International Law
Jurisprudence (before 1978)
Legal History
Legal Process (before 1978)
Legal System
Local Government Law
Any two of Law and Society
Legal Analysis

Music
11. (a) Every candidate intending to advance in music (that is to enrol for any papers in music for this Degree beyond Stage I level) shall before an enrolment in his Stage I papers in Music satisfy the Head of the Department of Music that he has attained a suitable standard in music.

(b) Except with leave of the Senate, no candidate may advance in music unless he has satisfied the provisions of sub-clause (a) of this Regulation.

Oral Work
12. In each of the subjects Chinese, Indonesian and Japanese a candidate shall be required to pass in the oral work as well as the written papers.

Cross-credits, Credit, and Exemptions
13. The total cross-credits, credit, and exemptions granted to a candidate under Regulations 12, 13, and 14 of the Enrolment and Course Regulations (General), including any credited under Regulation 10 of these Regulations, shall not exceed ten papers for this Degree.

14. Notwithstanding anything in these Regulations a candidate who has successfully completed:
(i) a course or courses at a Teachers’ College under the control of the Auckland Teachers’ Colleges Council; or
(ii) the requirements for a Certificate Course of the Centre for Continuing Education, as listed in the Schedule to Regulation 13 of the Enrolment and Course Regulations (General), may be granted credit for this degree as provided by that Regulation.

15. The Senate may in such exceptional cases as it thinks fit, approve a personal Course of Study which does not conform to the foregoing Regulations. Such a course may include papers offered in other Faculties.

16. (a) Except as otherwise provided in this Regulation, the Course of Study of every candidate
shall be governed by these Regulations.
(b) A candidate who gained credit in any unit or units under any of the former Regulations for this Degree, shall be credited with such equivalent paper or papers as the Senate shall determine.
(c) For candidates who enrolled for this Degree before 1973 the subject prerequisites, corequisites and restrictions, where not covered by these Regulations, shall be determined by the Head of the Department concerned.

17. These Regulations shall come into force on January 1, 1974.

Schedule
1. This Schedule sets out paper numbers, prerequisites, corequisites, subjects, restrictions and other conditions applying to courses for the Degree of Bachelor of Arts.
2. This Schedule shall be read with the Regulations for the Degree and with the prescriptions set out elsewhere in the Calendar.
3. (a) The heading ‘prerequisites’ in relation to a paper refers to other papers which must be passed before the candidate may take that paper.
   (b) Where a prerequisite has been waived by a Head of Department and re-imposed as a corequisite the paper or papers as to which that corequisite is imposed may not be credited as a pass for the candidate’s Course of Study unless and until he has passed that corequisite.
4. (a) The heading ‘corequisites’ in relation to a paper refers to other papers which must be taken concurrently with that paper or have been passed in a previous year. Except as provided elsewhere in these Regulations or in this Schedule, if a corequisite of a paper is failed then the paper passed cannot be used as a prerequisite to other courses.
   (b) Except as provided elsewhere in these Regulations or in this Schedule, the corequisite marked ** in the Schedule are linked in the sense that they (i) must be attempted in the same year and will not be credited separately.
   (ii) will be treated as a unit for the purpose of Examination Regulation 5 (b), of the Examination Regulations.
5. The heading ‘restrictions’ in relation to a paper refers to a paper which cannot be taken in addition to that paper.
6. Except as provided elsewhere in these Regulations or in this Schedule, a candidate may not enrol for any paper until he satisfies all prerequisite and corequisite requirements and other requirements listed in the Schedule.

The papers prescribed for this Degree are:
<table>
<thead>
<tr>
<th>Title of paper</th>
<th>Prerequisites</th>
<th>Corequisites</th>
<th>Restrictions</th>
<th>Qualifications</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>ANCIENT HISTORY</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Ancient History I</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>12.100 Near Eastern History</td>
<td>12.100 or 11.100</td>
<td>12.102 or 12.103</td>
<td>11.100</td>
<td></td>
</tr>
<tr>
<td>12.102 Greek History</td>
<td></td>
<td></td>
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<tr>
<td>12.103 Roman History</td>
<td></td>
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</tr>
<tr>
<td>Ancient History II</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>12.200 A topic in Egyptian History</td>
<td>12.100 or 11.100</td>
<td>12.102 or 12.103</td>
<td></td>
<td></td>
</tr>
<tr>
<td>12.201 A topic in Mesopotamian History</td>
<td>12.100 or 11.100</td>
<td>12.102 or 12.103</td>
<td></td>
<td></td>
</tr>
<tr>
<td>12.202 A topic in Greek History</td>
<td>12.102 or 10.200, 10.201, 10.202</td>
<td>12.100, 11.100 or 12.103, Note 1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>12.203 A topic in Roman History</td>
<td>12.103 or 9.200, 9.201, 9.202 or 9.100, 9.101 with appropriate History Department papers.</td>
<td>12.100, 11.100 or 12.102, Note 1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>12.210 Egyptian Language and Documents</td>
<td>12.100 or 11.100</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>12.211 Akkadian Language and Documents</td>
<td>12.100 or 11.100</td>
<td></td>
<td></td>
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</tr>
</tbody>
</table>

If two of 12.100, 12.102, 12.103, 11.100 have been passed the prerequisites to 12.202 or 12.203 may be taken as corequisite.

Students who passed any of 12.200, 12.201, 12.202, 12.203 with language before 1977 may, with the consent of the Head of Department, satisfy the prerequisites with the prerequisites in force in the year in which they passed them. The Head of Department may approve other satisfactory linguistic prerequisites in exceptional circumstances. By special permission of the Head of Department the corequisites may be waived for Stage II papers, and the prerequisites for Stage III papers.

**Note 1.** If 12.202 (12.203) is taken as part of Greek III (Latin III) no corequisite is required.

**Note 2.** One approved paper from another subject may, with consent of Head of Department, be substituted and counted as part of the subject Ancient History for the purposes of Regulation 4, and MA Regulation 1 (b).

Ancient History III (Not all papers will be available each year).

12.300 A topic in Egyptian History 12.200, 12.210
Note 3. An approved paper from another subject may, with the consent of the Head of Department, be substituted for one paper and counted as part of the subject Ancient History for the purposes of Regulation 4 and MA Regulation 1 (b). With the consent of the Head of Department students may offer one or two of the papers for MA in Ancient History (12.400 — 12.412).

**ANTHROPOLGY**

Anthropology I

03.100 Introduction to Social Anthropology
03.101 Elementary Prehistoric Archaeology and Physical Anthropology
03.102 Introduction to Maori Society

Anthropology II

03.200 Ethnography of Island Polynesia 03.100
03.201 Melanesian Ethnography 03.100

Available to a candidate who has not passed 03.100 provided that he has passed four papers in any subject or subjects and takes 03.100 as a corequisite.
<table>
<thead>
<tr>
<th>Title of paper</th>
<th>Prerequisites</th>
<th>Corequisites</th>
<th>Restrictions</th>
<th>Qualifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>03.202 Social Organization</td>
<td>03.100</td>
<td>03.200</td>
<td>As for 03.200</td>
<td></td>
</tr>
<tr>
<td>03.203 Ethos and World View</td>
<td>03.100</td>
<td>03.200</td>
<td>As for 03.200</td>
<td></td>
</tr>
<tr>
<td>03.204 Economic Prehistory</td>
<td>03.101</td>
<td></td>
<td>Available to a candidate who has not passed 03.101 provided that he has passed four papers in any subject or subjects and takes 03.101 as a corequisite.</td>
<td></td>
</tr>
<tr>
<td>03.206 Origins of Civilisation</td>
<td>03.101</td>
<td></td>
<td>As for 03.204</td>
<td></td>
</tr>
<tr>
<td>03.207 Human Evolution</td>
<td>03.100, 03.101</td>
<td></td>
<td>Available to a candidate who has not passed 03.101 and/or 03.100 provided that he has passed four papers in any subject or subjects and takes 03.101 and/or 03.100 as a corequisite.</td>
<td></td>
</tr>
<tr>
<td>03.208 The Coming of the Maori</td>
<td>One of 03.100, 03.101, 03.102, 04.101, 12.100, 24.120</td>
<td>04.203</td>
<td></td>
<td></td>
</tr>
<tr>
<td>03.209 Music of the World's Peoples</td>
<td>28.101, 28.102, 28.103</td>
<td>28.201</td>
<td>28.214</td>
<td>As for 03.200</td>
</tr>
<tr>
<td>*03.210 Ethnic Groups and Interethnic Relationships</td>
<td>03.100</td>
<td></td>
<td></td>
<td>As for 03.200</td>
</tr>
<tr>
<td>03.211 Traditional Maori Society</td>
<td>03.102 or 04.101 or, 24.120 or permission of Head of Dept</td>
<td>04.202</td>
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<td>History, Theory and Introduction to Method in Archaeology</td>
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<td>03.204 or 03.206</td>
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<td>or 03.208/04.203</td>
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<td>28.301</td>
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<td>the Anglo Saxons</td>
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<td>03.320 The Anthropology of Agriculture</td>
<td>03.101 and 03.202, or 03.100 and permission of Head of Department</td>
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<td>03.321 Economic Anthropology</td>
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<td>03.100 and 03.101</td>
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<td>03.207 or permission of Head of Department given appropriate Science papers.</td>
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**ART HISTORY**

**Art History I**

19.151 Renaissance Art to c. 1520
19.152 Western Art from c. 1820 to the present day

**Art History II**

19.259 Topics in 18th and Early 19th Century Art
19.260 Topics in Baroque Art
19.261 Topics in 17th and early 18th Century Art in Northern Europe

**Art History III**

19.302 Mid 19th Century Painting in France and Britain
19.304 Durer and his sources and influence As for 19.301
<table>
<thead>
<tr>
<th>Title of paper</th>
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<tr>
<td>19.305 NZ Art (General)</td>
<td>As for 19.301</td>
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<td>19.302 or 19.307 or 19.308</td>
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<td>†19.306 Special Topic in Western Art after 1500</td>
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<td>19.307 Art in the USA, 1945 to the present day</td>
<td>As for 19.301</td>
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<td>19.308 Topics in Early 20th Century Art</td>
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<td>20.130 Geography of East Asia</td>
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<td>Asian Geography II</td>
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<td>20.240 Geography of Malaysia,</td>
<td>20.102 and 20.130</td>
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<td>20.310</td>
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<td>Singapore and Indonesia</td>
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<td>24.131 Vietnam 1802-1975: Unity</td>
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<td>Papers 24.130 and 24.131 are not</td>
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<td>corequisite but candidates are</td>
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<td>them in the same year.</td>
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<tr>
<td>Asian History II</td>
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<tr>
<td>24.220 State and Society in South-east Asia</td>
<td>Two Stage I papers in History and/or Asian History.</td>
<td>If a candidate attempts papers in both History and Asian History at the same level they will count as papers in separate subjects but not otherwise.</td>
<td></td>
<td>Candidates with a better than average pass in one prerequisite History or Asian History paper will normally be exempted by the Head of Department from a second prerequisite History or Asian History paper; the Head of Department may exempt students from both prerequisite papers if they have a better than average pass in a paper or papers in other relevant subject or subjects in the languages or social sciences. Papers 24.220, 24.221, 24.222 are not corequisite, but candidates are advised that it is useful to take 24.220 and 24.221 in the same year.</td>
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<tr>
<td>24.221 Nationalism and Revolution in South-east Asia.</td>
<td>As for 24.220</td>
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<tr>
<td>24.222 China under the Ming and Ch'ing dynasties.</td>
<td>As for 24.220</td>
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**ASIAN POLITICS**

**Asian Politics I**

| 30.103 China since 1949: The Politics of an Emerging Superpower | 30.104 | | |
| 30.104 Armies and Politics in Burma, Thailand and Vietnam | 30.103 |

**Asian Politics II**

<table>
<thead>
<tr>
<th>30.205 The Politics of Race and Prosperity in Malaysia and Singapore</th>
<th>One other paper from 30.200-30.209</th>
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<th>Candidates may not enrol for this paper if they have been credited with a pass in Asian Politics I as prescribed in 1969-1973.</th>
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<tr>
<td>2 papers from 30.100, 30.101, 30.102, 30.103, 30.104, 30.105.</td>
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### Title of Paper

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<td>30.206</td>
<td>Generals, Technocrats and Muslims in Indonesian Politics.</td>
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<td>30.207</td>
<td>Japan Since 1945: Images and Realities</td>
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### Prerequisites

- As for 30.205

### Corequisites

- As for 30.205

### Restrictions

- As for 30.205

## BIBLICAL HISTORY AND LITERATURE

### Biblical History and Literature I

- **11.100** The History of the Near East from Neolithic Times to Alexander the Great
- **11.101** Biblical Literature of the Old Testament

**11.100** may be taken with 11.101.

### Biblical History and Literature II (Not available until further notice)

- **11.200** The History of Israel to AD 135
- **11.201** The History of Christian origins to AD 135
- **11.202** The Biblical Archaeology of a prescribed period
- **11.203** The Apocrypha with prescribed texts

By special permission of the Head of Department, 11.100 may be taken without 11.101.

## BIOLOGY

- **39.111** Unifying Concepts in Biology (1979)
- **39.112** Biological Diversity and Function (1980)

### Prerequisites

- 39.101, 6.102, 38.102

### Corequisites

- As for 39.111

### Restrictions

- Candidates are required to complete 2 hours practical work each week.
<table>
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<td>Modern Chinese Written and Oral Expression</td>
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<td>The Chinese script Introduction to written Chinese</td>
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<tr>
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<td><strong>48.200, 48.202</strong></td>
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<td><strong>48.200, 48.201</strong></td>
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<td>Chinese III</td>
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<td>48.200, 48.201, 48.202</td>
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<td>48.302 Translation of and comment on prescribed classical texts, together with questions on the History of Chinese Literature</td>
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By special permission of the Head of Department the corequisites may be waived.
### Classical Studies

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<td>*73.102 Epic and Pastoral</td>
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<td>*73.103 Comedy and Satire</td>
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<td>73.104 Tragedy and Literary Criticism</td>
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### Economics

**Economics I**

Note: Students planning to take Stage II papers should offer 13.100 and 13.101. Some Economics III papers require mathematics and statistics prerequisites. Students planning to take Stage III papers should consult the Head of the Department for advice.

<table>
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<td>13.101 Macroeconomics</td>
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<td>13.102 Statistical Methods</td>
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<td>13.104 Applied Economics</td>
<td>13.103 or 13.100 and 13.101</td>
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**Economics II**

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<td>13.201 Macroeconomics</td>
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<td>13.203 Managerial Economics</td>
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**Economics III**

Note: Students taking papers 13.300, 13.301, 13.302, 13.303 and 13.305 must have previously passed 26.122, 26.142, 13.102 or 13.202 or alternatives approved by the Head of the Department. Students are strongly recommended to have taken 13.205.

**1980 Calendar**

<table>
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<th>Title of paper</th>
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<td>*13.303 Operations Research</td>
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<td>13.304 International Trade</td>
<td>13.200; 13.201</td>
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<td>13.305 Financial Economics</td>
<td>13.200</td>
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<tr>
<td>13.306 Classical, Marxist and Modern Economic Ideas</td>
<td>13.200; 13.201</td>
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<tr>
<td>13.307 Public Expenditure</td>
<td>13.200 or 13.204</td>
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<tr>
<td>13.308 Special Topic</td>
<td>13.200</td>
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<tr>
<td>13.309 Special Topic</td>
<td>13.200</td>
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</table>

Enrolment in Special Topic papers is subject to approval of the Head of the Department.
<table>
<thead>
<tr>
<th>Title of paper</th>
<th>Prerequisites</th>
<th>Corequisites</th>
<th>Restrictions</th>
<th>Qualifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>†13.310 Economic History of</td>
<td>Any two Stage II</td>
<td></td>
<td>17.300</td>
<td>13.312 is not available to a candidate who passed 17.303 in 1973 or 17.304 in</td>
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<tr>
<td>Australia and NZ</td>
<td>Australia and NZ Economics papers</td>
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<td>1974 or 1975.</td>
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<td>*13.312 China Under Socialism</td>
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<td>13.313 Special Topic</td>
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</table>

**EDUCATION**

**Education I**

14.100 An Introduction to Education Thought

14.101 Introduction to Developmental Psychology

A candidate intending to take Stage III papers in Education or more than two Stage II papers in Education must have passed both 14.100 and 14.101.

**Education II**

14.200 Comparative Education

14.201 History of Education

14.202 New Zealand Education

14.203 Educational Psychology

14.204 Evaluation of Individual Differences

14.206 The Sociology of Education

The Head of Department may waive the prerequisites or restrictions in special circumstances.

A candidate intending to take two or more Stage III papers must have passed two Stage II papers.

A candidate intending to take only one or two Stage II papers not having passed 14.100 and 14.101 must have the permission of the Head of Department.
<table>
<thead>
<tr>
<th>Title of paper</th>
<th>Prerequisites</th>
<th>Corequisites</th>
<th>Restrictions</th>
<th>Qualifications</th>
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</thead>
<tbody>
<tr>
<td>14.207 Evaluation in Classrooms</td>
<td></td>
<td></td>
<td>This paper is not available to a student who passed 14.204 before 1977.</td>
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</tr>
<tr>
<td>14.208 The Philosophy of Education</td>
<td>A candidate enrolling in two or more Stage II papers must have passes 14.100 and 14.101</td>
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<td>This paper is not available to students who passed 14.315 before 1978.</td>
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<tr>
<td>14.209 Introduction to Research in Education</td>
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<td></td>
<td>The Head of Department may waive the prerequisite or restrictions in special circumstances. A candidate intending to take only one or two Stage III papers must have the permission of the Head of Department.</td>
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Education III

<table>
<thead>
<tr>
<th>Title of paper</th>
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<th>Corequisites</th>
<th>Restrictions</th>
<th>Qualifications</th>
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<tr>
<td>14.300 Twentieth Century Educational Thought</td>
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<tr>
<td>14.301 Comparative Education</td>
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<tr>
<td>14.302 History of Education</td>
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<td>14.303 Sociology of Education</td>
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<td>14.304 The Context of Educational Planning</td>
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<td>14.305 The Guidance Process</td>
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<td>14.306 Introduction to School Counselling</td>
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<td>14.307 Principles of Curriculum Development</td>
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<td>14.309 Developmental Psychology</td>
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<td>14.310 Psychology of Adolescence</td>
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<td>14.320 Special Topic in Moral Education</td>
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<td>14.321 The Nature of Educational Theory</td>
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<td>14.322 Adult Learning and Education</td>
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<tr>
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<tr>
<td><strong>ENGLISH</strong></td>
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<tr>
<td>English I</td>
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<tr>
<td>18.100 Introduction to Chaucer, Shakespeare and The Study of Language</td>
<td>One paper from 18.101, 18.103 and 18.104</td>
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<tr>
<td>18.101 20th Century Literature</td>
<td>One paper from 18.100, 18.103 and 18.104</td>
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<tr>
<td>18.103 New Zealand Literature</td>
<td>One paper from 18.100, 18.101 and 18.103</td>
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<tr>
<td>18.104 19th Century Literature</td>
<td>One paper from 18.100, 18.101 and 18.103</td>
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</tbody>
</table>

Candidates intending to advance papers at English II are strongly advised to take paper 18.100.

Candidates may take fewer than two papers with the permission of the Head of Department, who may waive corequisites, but such permission will not normally be considered unless candidates have passed at least 4 papers in any subject or subjects.

Candidates may take more than 2 papers with the permission of the Head of Department.
<table>
<thead>
<tr>
<th>Title of paper</th>
<th>Prerequisites</th>
<th>Corequisites - Restrictions</th>
<th>Qualifications</th>
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<tbody>
<tr>
<td>English II</td>
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<tr>
<td>18.200 Mediaeval Literature: Chaucer and his Contemporaries with optional Early English</td>
<td>18.100 or 18.102 and 18.101 or 18.103</td>
<td>18.210 or 18.211 and one other English II paper</td>
<td>A candidate intending to take three or more papers at English III must have passed either 18.200 or 18.201 and 2 of 18.210-18.212</td>
</tr>
<tr>
<td>18.201 English Language</td>
<td>As for 18.200</td>
<td>As for 18.200</td>
<td>A candidate not intending to advance papers at English III must take 18.200 or 18.201, 18.210 or 18.211 and one other English II paper.</td>
</tr>
<tr>
<td>18.210 16th and 17th Century Prose and Poetry</td>
<td>As for 18.200</td>
<td>18.200 or 18.201 and one other English II paper</td>
<td>Candidates may take single papers in English II only with the approval of the Head of Department.</td>
</tr>
<tr>
<td>18.211/18.313 16th and 17th Century Drama</td>
<td>As for 18.200</td>
<td>As for 18.210</td>
<td>Candidates may take a fourth paper in English II either concurrently or in a later year.</td>
</tr>
<tr>
<td>18.212 Shakespeare: Selected Plays: Tragedies and Comedies</td>
<td>As for 18.200</td>
<td>18.200 or 18.201 and 18.210 or 18.211</td>
<td>By permission of the Head of Department any prerequisites or corequisites may be waived in special cases.</td>
</tr>
<tr>
<td>Title of paper</td>
<td>Prerequisites</td>
<td>Corequisites</td>
<td>Restrictions</td>
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<tr>
<td>18.300 The English Language from Chaucer's day to the Present</td>
<td>Three papers from English II, with corequisites in force in 1979</td>
<td>One paper from 18.310-18.313, and one from 18.320-18.326</td>
<td>Candidates may take more than three papers in English III; they may also take a fourth English II paper.</td>
</tr>
<tr>
<td>18.301 Old English Literature</td>
<td>As for 18.300</td>
<td>As for 18.300</td>
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<tr>
<td>18.302 Middle English Literature</td>
<td>As for 18.300 but including 18.200</td>
<td>As for 18.300</td>
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<tr>
<td>18.303 The Linguistic Analysis of Literature</td>
<td>As for 18.300</td>
<td>As for 18.300</td>
<td>83.305</td>
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<tr>
<td>18.304 Phonology and New Zealand Speech</td>
<td>As for 18.300</td>
<td>As for 18.300</td>
<td>83.307</td>
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<tr>
<td>18.310 Shakespeare Selected Plays: Late plays</td>
<td>As for 18.300</td>
<td>One paper from 18.300-18.304 and one from 18.320-18.326</td>
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<tr>
<td>18.311 Poetry and Prose 1540-1600</td>
<td>As for 18.300</td>
<td>As for 18.310</td>
<td>In 1980 only, papers 18.313/211 and 18.321/18.220 will be joint English II and English III papers.</td>
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<tr>
<td>18.312 Poetry and Prose 1600-1660</td>
<td>As for 18.300</td>
<td>As for 18.310</td>
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<tr>
<td>Title of paper</td>
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<tr>
<td>18.313/18.211</td>
<td>As for 18.300</td>
<td>As for 18.310</td>
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<tr>
<td>18.320 Victorian Literature</td>
<td>As for 18.300</td>
<td>One paper from 18.300-18.304 and one from 18.310-18.313</td>
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<td>18.321/18.220</td>
<td>As for 18.300</td>
<td>As for 18.320</td>
<td>18.325</td>
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<tr>
<td>18.322 Major 18th Century Authors</td>
<td>As for 18.300</td>
<td>As for 18.320</td>
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<tr>
<td>†18.323 American Literature: Poetry</td>
<td>As for 18.300</td>
<td>As for 18.320</td>
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<tr>
<td>18.324 Special Topic: Major Romantic writers</td>
<td>As for 18.300</td>
<td>As for 18.320</td>
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<tr>
<td>18.325 Special Topic II as prescribed by the Head of Department: Novels 1945-1975</td>
<td>As for 18.300</td>
<td>As for 18.320</td>
<td>18.321</td>
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<tr>
<td>18.326 Special Topic III as prescribed by the Head of Department: Women Writers of the 20th Century</td>
<td>As for 18.300</td>
<td>As for 18.320</td>
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</table>

**FRENCH**

**French I**

**Language papers**

- 34.100 Language Acquisition
  - or 34.110
- 34.102 Language comprehension for Arts students
- 34.112 Language comprehension and conversation for Arts students
- 34.104 Language comprehension in specific areas A: Science

**Selection of a French I language paper is subject to the consent of the Head of Department.**

**By permission of the Head of Department the co-requisite requirements may be waived, in particular so that a candidate may (a) present 34.100 or 34.110 alone, (b) present 34.102 or 34.112 instead of 34.100 as corequisite to a text paper.**

**The marks for 34.100 or 34.110 or 34.112 bear a relative weighting of 3 to 2 for a corequisite Text paper.**

**All French I language papers are mutually exclusive except that, subject to the consent of the Head of Department, 34.100 may be taken after passing any other French I language paper except 34.110.** **One French I Text paper**
<table>
<thead>
<tr>
<th>Title of paper</th>
<th>Prerequisites</th>
<th>Corequisites</th>
<th>Restrictions</th>
<th>Qualifications</th>
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<tbody>
<tr>
<td>34.106</td>
<td>Language comprehension in specific areas B (Science, *Social Science, Art History, Music)</td>
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<tr>
<td>*34.150</td>
<td>Language acquisition for beginners</td>
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<td>Text papers</td>
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<tr>
<td>34.101</td>
<td>20th century literary texts</td>
<td>**34.100 or 34.110</td>
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<td>Exceptionally, the head of Department may waive the corequisite requirement.</td>
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<tr>
<td>34.103</td>
<td>20th century texts</td>
<td>As for 34.101</td>
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<tr>
<td>34.109</td>
<td>Contemporary French Civilisation</td>
<td>As for 34.101</td>
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<td>French II</td>
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<td>34.200</td>
<td>Language Acquisition</td>
<td>34.100 or 34.110</td>
<td>**Two French II papers</td>
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<tr>
<td>34.203</td>
<td>19th century literary texts</td>
<td>34.100 or 34.110, and one of its corequisites</td>
<td>**34.200 and one French II paper</td>
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<td>34.204</td>
<td>19th century language</td>
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<td>19th and/or 20th century literary texts</td>
<td>As for 34.203</td>
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<tr>
<td>34.202</td>
<td>19th and/or 20th century literary texts</td>
<td>As for 34.203</td>
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<tr>
<td>34.209</td>
<td>Nineteenth Century French Civilisation</td>
<td>As for 34.203</td>
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<td>Mediaeval texts</td>
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<td>Title of paper</td>
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<td>Corequisites</td>
<td>Restrictions</td>
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<td>*34.210 Translation of written texts</td>
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<td>34.214 Language studies for teachers</td>
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<td>As for 34.203</td>
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<td>French III</td>
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<tr>
<td>34.300 Language Acquisition</td>
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<td>Two other **French III papers</td>
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<td>The marks for 34.300 shall bear a relative weighting of 3 to 2 for each corequisite paper.</td>
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<tr>
<td>34.310 17th and 18th century texts</td>
<td>34.200 and two other French II papers</td>
<td>34.300 and one other French III paper</td>
<td></td>
<td>By special permission of the Head of Department the prerequisite and corequisite requirements may be waived, in particular so that a candidate may present 34.300 or any other French III paper or papers, if he has passed in 34.200 or, in exceptional circumstances 34.100, 34.110, 34.102 or 34.112.</td>
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<td>34.302 18th century texts</td>
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<td>34.305 18th century language</td>
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<td>34.306 Old French language and literature</td>
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<tr>
<td>20.101       Introductory Physical Geography</td>
<td>20.101 and 20.102</td>
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<td>20.102       Introductory Human Geography</td>
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<td>Geography II</td>
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<td>20.201       Physical Geography</td>
<td>20.101 and 20.102</td>
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<td>20.202       Human Geography</td>
<td>As for 20.201</td>
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<td>20.203       Remote Sensing Techniques</td>
<td>As for 20.201</td>
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<td>20.204       Statistical Techniques in Geography</td>
<td>As for 20.201</td>
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<td>20.205       Man's Role in the Environment</td>
<td>As for 20.201</td>
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<td>20.302</td>
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<tr>
<td>Geography III</td>
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<tr>
<td>20.301       Geography of New Zealand</td>
<td>20.204 (or either 26.180 or 26.181) and any two of the following papers: 20.201, 20.202, 20.203, 20.205 and 20.240.</td>
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<tr>
<td>20.303       Geomorphology</td>
<td>As for 20.301</td>
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<tr>
<td>20.304       Biogeography and/or Climatology</td>
<td>As for 20.301</td>
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<tr>
<td>20.305       Social Geography</td>
<td>As for 20.301</td>
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<tr>
<td>20.306       Location and Regionalisation of Economic Activities</td>
<td>As for 20.301</td>
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</tbody>
</table>

With special permission of the Head of Department (i) A student may enrol in one Stage II paper without fulfilling the prerequisites, or (ii) prerequisites may be waived and reimposed as corequisites.

With special permission of the Head of Department (i) A student may enrol in one or two Stage III papers without fulfilling the prerequisites, or (ii) prerequisites may be waived and reimposed as corequisites.
<table>
<thead>
<tr>
<th>Title of paper</th>
<th>Prerequisites</th>
<th>Corequisites</th>
<th>Restrictions</th>
<th>Qualifications</th>
</tr>
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<tbody>
<tr>
<td>20.307 Remote Sensing Techniques</td>
<td>As for 20.301</td>
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<td>20.203</td>
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<tr>
<td>20.310 Area Study</td>
<td>As for 20.301</td>
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<tr>
<td>20.311 Historical-Cultural Geography</td>
<td>As for 20.301</td>
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<tr>
<td>†20.312 Special Topic</td>
<td>As for 20.301</td>
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<tr>
<td>20.313 Advanced Statistical Techniques in Geography</td>
<td>As for 20.301</td>
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<tr>
<td>†20.320 Resources and environmental management</td>
<td>As for 20.301</td>
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</table>

**GERMAN**

German I

| 22.100 Language Acquisition                            | **22.101**          |                  |              |                |
| 22.101 Literature and Texts                            | **22.100**          |                  |              |                |
| 22.102 German Civilisation                             |                     |                  |              |                |

German II

| 22.200 Language Acquisition                            | 22.100, 22.101      | **22.201, 22.202**|              |                |
| 22.201 Literature and Language from the Middle Ages to the 18th Century | As for 22.200       | **22.200, 22.202**|              |                |
| 22.202 20th Century Literature                          | As for 22.200       | **22.200, 22.201**|              |                |

By special permission of the Head of Department, the prerequisites and corequisites may be waived.
<table>
<thead>
<tr>
<th>Title of paper</th>
<th>Prerequisites</th>
<th>Corequisites</th>
<th>Restrictions</th>
<th>Qualifications</th>
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<tbody>
<tr>
<td>German III</td>
<td></td>
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<tr>
<td>22.300 Language Acquisition</td>
<td>22.200, 22.201, 22.202</td>
<td>**22.301, 22.302</td>
<td></td>
<td>By special permission of the Head of Department the prerequisite and corequisite may be waived.</td>
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<tr>
<td>22.301 Middle High German Language and Literature, the Märchen</td>
<td>As for 22.300</td>
<td>**22.300, 22.302</td>
<td></td>
<td>By special permission of the Head of Department a student may take up to three MA papers.</td>
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<tr>
<td>22.302 Nineteenth Century Narrative Prose; two post Goethe options</td>
<td>As for 22.300</td>
<td>**22.300, 22.301</td>
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</table>

**GREEK**

Greek I

| 10.100 Greek reading prescribed texts with grammatical questions |  | *10.101 | The papers may not be taken separately except under the most exceptional circumstances. |
| 10.101 Greek Reading prescribed texts with grammatical questions |  | *10.100 | |

Note: If 10.100 and 10.101 are taken concurrently, they are linked corequisites. 10.101 may not be taken without prior or concurrent enrolment in 10.100.

Greek II

| 10.200 Prescribed Books | 10.100, 10.101 | **10.201, 10.202 |              | The Head of Department may waive prerequisites for students with sufficient previous knowledge and corequisites in special cases. |
| 10.201 Greek Literature |  | **10.200, 10.202 |              | |
| 10.202 Greek History Unprepared Translation, Grammatical and Syntactical Analysis or Composition |  | **10.200, 10.201 | | |

Greek III

<p>| 10.300 Prescribed Books | 10.200, 10.201, 10.202 | **10.301, 10.302 |              | |
| 10.301 Greek Literature |  | **10.300, 10.302 | | |
| 10.302 Greek Language |  | **10.300, 10.301 | | |</p>
<table>
<thead>
<tr>
<th>Title of paper</th>
<th>Prerequisites</th>
<th>Corequisites</th>
<th>Restrictions</th>
<th>Qualifications</th>
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<tbody>
<tr>
<td>Greek History or Philosophy</td>
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<tr>
<td>Unprepared Translation</td>
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<tr>
<td>and Composition</td>
<td>10.300, 10.301,</td>
<td>10.300, 10.301,</td>
<td></td>
<td>Permission of Head of Department required. Not all</td>
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<td></td>
<td>10.302</td>
<td>10.302</td>
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<td>papers will be available every year.</td>
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<td>10.303 Advanced Prose Composition or Verse Composition</td>
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<td>*10.304 Greek Poetry</td>
<td>As for 10.300</td>
<td>10.300, 10.301,</td>
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<td>10.305 Literary Topic</td>
<td>As for 10.300</td>
<td>As for 10.304</td>
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<tr>
<td>10.306 Greek History</td>
<td>As for 10.300</td>
<td>As for 10.304</td>
<td>10.307</td>
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<tr>
<td>10.307 Greek Philosophy</td>
<td>As for 10.300</td>
<td>As for 10.304</td>
<td>10.306</td>
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<tr>
<td>10.308 Greek Language</td>
<td>As for 10.300</td>
<td>As for 10.304</td>
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<tr>
<td>10.309 Greece and Persia</td>
<td>As for 10.300</td>
<td>As for 10.304</td>
<td>12.202</td>
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</tbody>
</table>

HEBREW

Hebrew I

23.100 Classical Hebrew — Language                   | **23.101                   |
23.101 Classical Hebrew — Texts                     | **23.100                   |
*23.102 Modern Hebrew                                |                              |

*Hebrew II

*23.200 Classical Hebrew — Language                 | 23.100, 23.101              | **23.201 and one of 23.202, 23.203 |
*23.201 Classical Hebrew — Texts                    | 23.100, 23.101              | **23.200 and one of 23.202, 23.203 |
*23.202 Modern Hebrew — Language and Texts          | 23.100, 23.101              | **23.200, 23.201                   |
*23.203 Classical Hebrew — Further Texts            | 23.100, 23.101              | **23.200, 23.201                   |
<table>
<thead>
<tr>
<th>Title of paper</th>
<th>Prerequisites</th>
<th>Corequisites</th>
<th>Restrictions</th>
<th>Qualifications</th>
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<tr>
<td><strong>HISTORY</strong></td>
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<tr>
<td>History I</td>
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<tr>
<td>24.100</td>
<td>From Versailles to Pearl Harbor: issues of peace and war</td>
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<tr>
<td>24.101</td>
<td>The Russian Revolution</td>
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<tr>
<td>24.103</td>
<td>Fascism in the inter-war years</td>
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<tr>
<td>24.104</td>
<td>The Development of Modern Cities</td>
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<tr>
<td>24.105</td>
<td>The U.S.A. since 1890</td>
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<tr>
<td>24.106</td>
<td>Special Topic: To be prescribed by Head of Department</td>
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<tr>
<td>24.107</td>
<td>Special Topic: To be prescribed by Head of Department</td>
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<tr>
<td>24.120</td>
<td>Race Relations in New Zealand</td>
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<tr>
<td>24.121</td>
<td>New Zealand Society and Politics</td>
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<tr>
<td>History II</td>
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<tr>
<td>24.200</td>
<td>Rome and the Barbarians 300-800</td>
<td>Two Stage I papers in History and/or Asian History or two of 12.100, 12.102, 12.103</td>
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<tr>
<td>24.201</td>
<td>Kingship and Society in Medieval England from King Alfred to Edward I</td>
<td>As for 24.200</td>
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<tr>
<td>24.209</td>
<td>Reformation and Counter-reformation</td>
<td>As for 24.200, but excluding 12.100, 12.102, 12.103</td>
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</table>

In relation to all Stage II prerequisites, a candidate with a better than average pass in one prerequisite History or Asian History paper will normally be exempted by the Head of Department from the second prerequisite paper.
<table>
<thead>
<tr>
<th>Title of paper</th>
<th>Prerequisites</th>
<th>Corequisites</th>
<th>Restrictions</th>
<th>Qualifications</th>
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<tbody>
<tr>
<td>*24.210 The Growth of the Western European State in the 16th century</td>
<td>As for 24.209</td>
<td></td>
<td></td>
<td>The Head of Department may exempt a candidate from both prerequisite papers if he has a better than average pass in a paper or papers in other relevant subject or subjects.</td>
</tr>
<tr>
<td>*24.211 The Growth of the Western European State in the 17th century</td>
<td>As for 24.209</td>
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<tr>
<td>24.212 The French Enlightenment</td>
<td>As for 24.209</td>
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<tr>
<td>24.213 Society and Revolution in France 1750-1800</td>
<td>As for 24.209</td>
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<tr>
<td>24.230 Polynesian and European Exploration of the Pacific</td>
<td>As for 24.209</td>
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<tr>
<td>24.232 Colonial Society and the American Revolution</td>
<td>As for 24.209</td>
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<tr>
<td>24.233 Australian Society 1788-1980</td>
<td>As for 24.209</td>
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<tr>
<td>24.234 The Development of the Early Modern State in 16th and 17th century Europe</td>
<td>As for 24.209</td>
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<tr>
<td>†24.235 Special Topic: To be prescribed by Head of Department</td>
<td>As for 24.209</td>
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<tr>
<td>†24.236 Special Topic: To be prescribed by Head of Department</td>
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<tr>
<td>History III</td>
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<tr>
<td>24.300 Byzantines, Arabs and Franks, 6th to 9th century</td>
<td>Two Stage II papers in History and/or Asian History.</td>
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<td>Students who have passed 24.202, Byzantium and the Arabs, in 1974 or 1975, may not take 24.300.</td>
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<tr>
<td>*24.301 The Mexican Revolution</td>
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<tr>
<td>24.302 The Reign of Henry VIII</td>
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<tr>
<td>24.303 The History of the Family in France and England</td>
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<tr>
<td>Title of paper</td>
<td>Prerequisites</td>
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<tr>
<td>24.306. From Vienna to Frankfurt: European International Relations 1815-1871</td>
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<tr>
<td>24.307 The Origins of the First World War</td>
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<tr>
<td>24.309 British Labour History 1850-1918</td>
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<tr>
<td>24.310 The American Civil War and Reconstruction</td>
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<tr>
<td>24.312 Sino-Japanese relations since the Meiji restoration</td>
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<tr>
<td>24.314 Race in the Antipodes: New Zealand, Australia and South Africa in the 19th Century</td>
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<td>24.315 Pacific History: Culture contact to about 1900</td>
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<td>†24.320 Special Topic: To be prescribed by Head of Department</td>
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<tr>
<td>24.321 American Labour History 1865-1940</td>
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<td>24.322 Women in New Societies</td>
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<td>24.323 Mediaeval Ideas</td>
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<td>24.324 Trade and Society in pre-colonial South-East Asia</td>
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<td>†24.325 Special Topic: To be prescribed by Head of Department</td>
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<tr>
<td>24.326 Aspects of the History of European Antisemitism</td>
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<tr>
<td>24.327 Special Topic: To be prescribed by Head of Department</td>
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</table>

*Students taking History III papers should note that it may prove impossible owing to pressure of numbers in certain classes, to allow students to enrol for all the papers of their choice.*
<table>
<thead>
<tr>
<th>Title of paper</th>
<th>Prerequisites</th>
<th>Corequisites</th>
<th>Restrictions</th>
<th>Qualifications</th>
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<tbody>
<tr>
<td><strong>INDONESIAN</strong></td>
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<tr>
<td>Indonesian I</td>
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<tr>
<td>80.100 Modern Spoken Indonesian 1</td>
<td><strong>80.101</strong></td>
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<td>By special permission of the Head of Department corequisites may be waived.</td>
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<tr>
<td>80.101 Modern Spoken Indonesian 2</td>
<td><strong>80.100</strong></td>
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<tr>
<td>80.103 Indonesian literatures and civilisations</td>
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<td>Indonesian II</td>
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<tr>
<td>80.200 Advanced Spoken Indonesian</td>
<td>80.100, 80.101</td>
<td><strong>80.201, 80.202</strong></td>
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<td>By special permission of the Head of Department corequisites may be waived.</td>
</tr>
<tr>
<td>80.201 Translation of and comments on prescribed Indonesian novels, short stories and essays, together with questions on the development of Indonesian prose-writing</td>
<td>80.100, 80.101</td>
<td><strong>80.200, 80.202</strong></td>
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<tr>
<td>80.202 Translation of and comments on selected Indonesian poems together with questions on the development of Indonesian poetry</td>
<td>80.100, 80.101</td>
<td><strong>80.200, 80.201</strong></td>
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<td>Indonesian III</td>
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<tr>
<td>80.300 Translation at sight of passages of Indonesian non-literary prose and translation at sight into Indonesian</td>
<td>80.200, 80.201, 80.202</td>
<td><strong>80.301, 80.302</strong></td>
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<td>By special permission of the Head of Department corequisites may be waived.</td>
</tr>
<tr>
<td>Title of paper</td>
<td>Prerequisites</td>
<td>Corequisites</td>
<td>Restrictions</td>
<td>Qualifications</td>
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<td>80.301 Translation of and comments on prescribed Classical Malay Prose and Poetry texts, some in Jawi script, and questions on the history of Classical Malay Literature</td>
<td>80.200, 80.201, 80.202</td>
<td>**80.300, 80.302</td>
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<tr>
<td>80.302 Translation of and comments on the prose of a particular Indonesian author</td>
<td>80.200, 80.201, 80.202</td>
<td>**80.300 or 80.301</td>
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<tr>
<td>80.305 Introduction to the comparative study of Indonesian languages</td>
<td>80.200, 80.201, 80.202</td>
<td>80.300, 80.301, 80.302</td>
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**ITALIAN**

**Italian I**

<table>
<thead>
<tr>
<th>35.102 Italian Language and Society 1</th>
<th><strong>35.103</strong></th>
<th>35.106</th>
<th>35.107</th>
<th>In special cases the Head of Department may waive the corequisites.</th>
</tr>
</thead>
<tbody>
<tr>
<td>35.103 Italian Language and Society 2</td>
<td><strong>35.102</strong></td>
<td>35.106</td>
<td>35.107</td>
<td>Except by special permission of Head of Department, 35.104, shall not be taught unless there is a minimum of 6 candidates.</td>
</tr>
<tr>
<td>*35.104 Italian Language in Opera and Song</td>
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<tr>
<td>35.105 20th Century Literature &amp; Film</td>
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<tr>
<td>35.106 Italian Language Acquisition and Introduction to Italian Culture 1</td>
<td><strong>35.107</strong></td>
<td>35.102</td>
<td>35.103</td>
<td>Candidates for 35.105 must either have good prior knowledge of Italian language or take 35.102 and 35.103 or 35.106 and 35.107 in the same year.</td>
</tr>
<tr>
<td>Title of paper</td>
<td>Prerequisites</td>
<td>Corequisites</td>
<td>Restrictions</td>
<td>Qualifications</td>
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<tr>
<td>35.107 Italian Language Acquisition and Introduction to Italian Culture 2.</td>
<td><strong>35.106 35.102 35.103</strong></td>
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<tr>
<td>Italian II</td>
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<tr>
<td>35.200 Language Acquisition</td>
<td>35.100, 35.101 or 35.102, 35.103 or 35.106, 35.107</td>
<td><strong>One or two from 35.202 — 35.230.</strong></td>
<td></td>
<td>In special cases the Head of Department may waive the corequisites and prerequisites.</td>
</tr>
<tr>
<td>*35.202 14th century Literature Texts: Dante</td>
<td>Two Italian I papers with an approved Stage I literature paper from either Italian or another language.</td>
<td>35.200</td>
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<td>These papers are normally available in odd years, 1981, 1983, etc.</td>
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<tr>
<td>*35.203 14th Century Literary Texts: Boccaccio and Petrarca</td>
<td>as for 35.202</td>
<td>35.200</td>
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<tr>
<td>35.204 A Special Topic in 20th Century Literature Culture</td>
<td>as for 35.202</td>
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<td>35.210 Major Themes in Italian Renaissance Culture</td>
<td>as for 35.202</td>
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<tr>
<td>35.211 A Special Topic in Italian Renaissance Literature I</td>
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<td>These papers are normally available in even years, 1980, 1982, etc.</td>
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<td>*35.212 A Special Topic in Italian Renaissance Literature II</td>
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<td>35.230 A Special Topic in Italian Literature</td>
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<tr>
<td><strong>Italian III</strong></td>
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<tr>
<td>35.300 Language Acquisition</td>
<td>35.200</td>
<td></td>
<td><strong>One or two from 35.302 — 35.330</strong></td>
<td>No paper may be taken at Stage III whose content corresponds to that of a paper already passed at Stage II.</td>
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<tr>
<td>*35.302 14th Century Literary</td>
<td>35.200</td>
<td>35.300</td>
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<td>In special cases the Head of Department may waive the corequisites and prerequisites.</td>
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<td>Texts: Dante</td>
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<tr>
<td>Texts: Boccaccio and Petrarcia</td>
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<td>35.305 A Special Topic in 20th</td>
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<td>Century Literature or Culture</td>
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<td>35.310 Major Themes in Italian</td>
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<td>Renaissance Culture</td>
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<td>35.330 A Special Topic in Italian Literature</td>
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<tr>
<td>Japanese I</td>
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<tr>
<td>81.100 Translation at sight from and into Japanese</td>
<td>35.200</td>
<td><strong>81.101</strong></td>
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<td>By special permission of the Head of Department corequisites may be waived.</td>
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<td>81.102 Japanese Literature in Translation.</td>
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<td>81.200 Translation at sight from and into Japanese</td>
<td>81.100, 81.101</td>
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<td>By special permission of the Head of Department corequisites may be waived.</td>
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<td>81.201 Intermediate Japanese</td>
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<td>81.202 Language Acquisition: Modern Japanese</td>
<td>81.100, 81.101</td>
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<td>Japanese III</td>
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<tr>
<td>81.300 Translation at sight from and into Japanese</td>
<td>81.200, 81.201, 81.202</td>
<td><strong>81.301 and 81.302 or 81.303</strong></td>
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<td>By special permission of the Head of Department corequisites may be waived.</td>
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<tr>
<td>81.301 Translation of and comments on prescribed modern texts</td>
<td>81.200, 81.201, 81.202</td>
<td><strong>81.300 and 81.302 or 81.303</strong></td>
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<tr>
<td>81.302 Translation of and comments on prescribed classical texts together with questions on the history of Japanese literature</td>
<td>81.200, 81.201, 81.202</td>
<td><strong>81.300, 81.301</strong></td>
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<td><strong>81.300, 81.301</strong></td>
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<td>LATIN</td>
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<td>Latin I</td>
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<td>09.100 Prescribed Books</td>
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<td>09.101 Translation and Language</td>
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<td>Note: If 09.100 and 09.101 are taken concurrently they are linked corequisites.</td>
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<tr>
<td>09.102 Elementary Latin</td>
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Subject to the consent of the Head of Department, students may enrol for either 09.102 or 09.100 and 09.101 or 09.200, 09.201 and 09.202. The Head of Department may waive corequisites in special cases. Students who have passed 09.102 may enrol for 09.100 or 09.101, but may not advance to Stage II without 09.100 and 09.101.
<table>
<thead>
<tr>
<th>Title of paper</th>
<th>Prerequisites</th>
<th>Corequisites</th>
<th>Restrictions</th>
<th>Qualifications</th>
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<td>Latin II</td>
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<td>For direct entry see Latin I above. The Head of Department may waive corequisites in special cases.</td>
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<td>09.202</td>
<td>Roman History, Unprepared Translation, Grammatical and Syntactical Analysis or Composition</td>
<td>09.100, 09.101</td>
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<td>Prescribed books, Latin Literature</td>
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<td>**09.301, 09.302</td>
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<td>09.301</td>
<td>Latin Language, Roman History Unprepared Translation and Composition</td>
<td>09.200, 09.201, 09.202</td>
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<td>Advanced Prose Composition or Verse Composition</td>
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<td>09.303</td>
<td>Latin Poetry</td>
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<td>**09.300, 09.301, 09.302</td>
<td>Permission of Head of Department required. Not all papers will be available every year.</td>
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<td>09.304</td>
<td>Literary Topic</td>
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<td>09.305</td>
<td>Latin Language</td>
<td>As for 09.300</td>
<td>As for 09.304</td>
<td>09.307</td>
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<td>09.306</td>
<td>Roman History</td>
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<td>As for 09.304</td>
<td>09.306</td>
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<td>09.307</td>
<td>Pax Romana</td>
<td>As for 09.300</td>
<td>As for 09.304</td>
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**LINGUISTICS**

Linguistics I  
83.102 Introduction to Descriptive Linguistics  
83.100, 83.101
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<th>Title of paper</th>
<th>Prerequisites</th>
<th>Corequisites</th>
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<tbody>
<tr>
<td>Introduction to Historical and Comparative Linguistics</td>
<td>83.103</td>
<td>83.102 or 83.200</td>
<td>03.317</td>
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<tr>
<td>Linguistics II</td>
<td>83.202 Sociolinguistics</td>
<td>83.102</td>
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<td>83.203 Phonology</td>
<td>83.100 or 83.102</td>
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<td>83.204 Grammatical Analysis</td>
<td>83.101 or 83.102</td>
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<td>Linguistics III</td>
<td>83.300 Recent Trends in Grammar</td>
<td>Permission of Head of Department</td>
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<td>83.301 Special Topic in Linguistics</td>
<td>Permission of Head of Department</td>
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<td>83.302 Special Topic in Linguistics</td>
<td>Permission of Head of Department</td>
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<tr>
<td>83.303 Languages of Polynesia</td>
<td>83.103 or 04.100 or permission</td>
<td>04.305</td>
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<td>of Head of Department</td>
<td>of Head of Department</td>
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<tr>
<td>83.304 The History of Linguistics</td>
<td>Permission of Head of Department</td>
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<td>83.305 Linguistic Analysis of Literature</td>
<td>Permission of Head of Department</td>
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<td>83.306 Philosophy of Language</td>
<td>Permission of Head of Department</td>
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<tr>
<td>83.307 Phonology and New Zealand Speech</td>
<td>83.100 or 83.102 and permission</td>
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<td>of Head of Department</td>
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<td><strong>MAORI STUDIES</strong></td>
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<td>Maori Studies I</td>
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<td>04.101 Introduction to Maori Society</td>
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<td>04.104 Introduction to Spoken and Written Maori</td>
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<td>Maori Studies II</td>
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<tr>
<td>04.202 Traditional Maori Society</td>
<td>03.102 or 04.101 or 24.120 or permission of Head of Department</td>
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<td>04.203 The Coming of the Maori</td>
<td>04.101 or any one of 03.100, 03.101, 03.102, 12.100, 24.120</td>
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<tr>
<td>04.204 Second Year Maori Language: Structure and Prescribed Texts</td>
<td>04.100 and 04.104 or permission of Head of Department.</td>
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<td>Not available to those who have passed 04.102 in a previous year.</td>
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<tr>
<td>04.205 Second Year Maori Language: Oral and Written Skills</td>
<td>04.100 and 04.104, or permission of Head of Department.</td>
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<td>Not available to those who have passed 04.103 in a previous year.</td>
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<tr>
<td>†04.206 A Topic in Maori Material Culture</td>
<td>Permission of Head of Department</td>
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**Title of paper** | **Prerequisites** | **Corequisites** | **Restrictions** | **Qualifications**
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Maori Studies III

†04.302 Topics in Contemporary Maori Society  
04.101 or 03.102  
04.202 or 03.200 or 03.211  
03.306  
By special permission of Head of Department the corequisites may be waived.

†04.303 Special Topic in Maori Studies  
Permission of Head of Department.

†04.304 Maori Poetry and Song  
Permission of Head of Department.

04.305 Languages of Polynesia  
83.103 or 04.100 or 04.101  
83.303

04.306 Third Year Maori Language: Structure and Prescribed Texts  
04.204 and 04.205, or permission of Head of Department.

04.307 Third Year Maori Language: Oral and Written Skills  
04.204 and 04.205, or permission of Head of Department.

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**MATHEMATICS**

Pure Mathematics

A detailed schedule of the papers available in this subject can be seen by reference to the Schedule to the BSc Regulations.

The following rules must be read in conjunction with the schedule:

Six credits in Pure Mathematics at Stage I (BSc) is equivalent to one Stage I paper in Mathematics (BA).

Four credits in Pure Mathematics at Stage II (BSc) is equivalent to one Stage II paper in Mathematics (BA).

Four credits in Pure Mathematics at Stage III (BSc) is equivalent to one Stage III paper in Mathematics (BA)
<table>
<thead>
<tr>
<th>Title of paper</th>
<th>Prerequisites</th>
<th>Corequisites</th>
<th>Restrictions</th>
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<td>Music I</td>
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<tr>
<td>28.101 Musicianship</td>
<td>As prescribed under Reg 11 (a)</td>
<td>28.102, 28.103 and as prescribed under BMus Regulations 6 and 7</td>
<td>28.101, 28.102, 28.103 with an overall grade of C+ or better.</td>
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<tr>
<td>28.102 Materials of Music</td>
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<tr>
<td>28.103 History of Musical Style</td>
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<td>28.101</td>
<td>Not available to candidates who are taking or have passed 28.101.</td>
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<tr>
<td>28.109 Style analysis</td>
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<td>Music II</td>
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<td>28.202 Harmony and Counterpoint</td>
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<td>History of Musical Style</td>
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<td><em>28.203 — The Middle ages</em>*</td>
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<td>28.204 — The Renaissance††</td>
<td>28.101, 28.102, 28.103 with an overall grade of C+ or better</td>
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<td><em>28.205 — the Baroque Era</em>*</td>
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<td>28.206 — The Classical Era††</td>
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<td><em>28.207 — The Romantic Era</em>*</td>
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<td>28.208 — The Twentieth Century††</td>
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<td>28.209 Materials and Analysis</td>
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<td>Baroque, and Classical</td>
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**Note:** The number enrolling in certain papers is restricted. Candidates should consult *Calendar Degree course Prescriptions for Department of Music.*
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<td>28.214 Ethnomusicology</td>
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<td>28.215 Orchestration</td>
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<tr>
<td>28.216 Studies in Electronic Music††</td>
<td>28.101, 28.102, 28.103 with an overall grade of C+ or better</td>
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<td>28.221 Technique and Repertoire</td>
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<td>28.110 Composition</td>
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<td>28.112 Keyboard harmony and Score-playing</td>
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<td><em>28.113 Acoustics</em>*</td>
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<tr>
<td>28.122 Introduction to Harmony and Counterpoint</td>
<td>28.101, 28.102, 28.103 with an overall grade of C+ or better</td>
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<td>28.202</td>
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**Music III**

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<tr>
<td>28.303 History of Church Music</td>
<td>As for 28.309</td>
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</table>

A candidate enrolling for courses in Music III is required to take paper 28.309 and one of 28.203-208 which has not already been taken at Stage II level.
<table>
<thead>
<tr>
<th><strong>Title of paper</strong></th>
<th><strong>Prerequisites</strong></th>
<th><strong>Corequisites</strong></th>
<th><strong>Restrictions</strong></th>
<th><strong>Qualifications</strong></th>
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<tbody>
<tr>
<td>28.309 Materials and Analysis</td>
<td></td>
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<tr>
<td>28.210 Composition (which shall count as two papers)</td>
<td>B pass or better in 28.110 and 28.209</td>
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<tr>
<td>28.211 Renaissance Polyphony</td>
<td>B pass or better in 28.122 and 28.209</td>
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<td>28.309</td>
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<tr>
<td>28.212 Keyboard Harmony and Score-playing</td>
<td>B pass or better in 28.112 and 28.209</td>
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</table>

**- Taught in odd-numbered years
†† Taught in even-numbered years
† This paper may not be taught in the Calendar year.
* This paper will not be taught in the current Calendar year.

**PHILOSOPHY**

**Philosophy I**

<table>
<thead>
<tr>
<th>29.100</th>
<th>Introduction to Metaphysics and Theory of Knowledge</th>
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<tbody>
<tr>
<td>29.101</td>
<td>Introduction to Logic</td>
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<tr>
<td>29.102</td>
<td>Ethics</td>
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<tr>
<td>29.103</td>
<td>Social Philosophy</td>
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</table>

A candidate planning to enrol for MA in Music is reminded that passes in 28.309 and one of 28.202, 28.210 or 28.211 and two of 28.203-208 are prerequisites.

By special permission of the Head of Department prerequisites may be waived.

Where one of these History of Musical Style papers is taken as part of Music III it shall count as a Stage III paper, so long as the student has already passed one of this group of papers in Music II.

Students planning to enrol in any Philosophy II papers are reminded that they must have passed two Philosophy I papers.
<table>
<thead>
<tr>
<th>Title of paper</th>
<th>Prerequisites</th>
<th>Corequisites</th>
<th>Restrictions</th>
<th>Qualifications</th>
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<tr>
<td>Philosophy II</td>
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<tr>
<td>29.200 Philosophy of Mind</td>
<td>Any two of 29.100 to 29.103</td>
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<td>29.201 Logic II</td>
<td>29.101 and one of 29.100</td>
<td>29.103</td>
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<td>29.202 Philosophy of Language</td>
<td>As for 29.200</td>
<td>29.101</td>
<td>83.306</td>
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<td>29.203 Philosophy of Science</td>
<td>As for 29.200</td>
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<td>29.204 Greek Philosophy</td>
<td>As for 29.200</td>
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<td>29.205 Political Philosophy</td>
<td>As for 29.200</td>
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<td>†29.206 History of Scientific Ideas</td>
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<td>By special permission of the Head of Department the prerequisites or corequisites may be waived.</td>
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<td>29.207 Philosophy of Religion</td>
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<td>29.208 Metaphysics II</td>
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<td>*29.209 History of Philosophy</td>
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<td>29.210 Special Topic</td>
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<td>29.211 Existentialism and Phenomenology</td>
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<td>Philosophy III</td>
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<td>29.300 Theory of Knowledge</td>
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<td>29.301 Metaphysics III</td>
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<tr>
<td>29.302 History of Philosophy (Ancient and Mediaeval)</td>
<td>29.204 and 29.208</td>
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By special permission of the Head of Department the prerequisites or corequisites may be waived.
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<td>29.303 History of Philosophy</td>
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<tr>
<td>(Modern)</td>
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<td>29.304 Ethics</td>
<td>As for 29.303</td>
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<td>29.305 Logic III</td>
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<td>29.306 Contemporary Analytic</td>
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<td>Philosophy</td>
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<tr>
<td>29.307 Special Topic</td>
<td>29.208 and one other Philosophy II paper</td>
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**POLITICAL STUDIES**

**Political Studies I**

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<th>Course Code</th>
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<th>Restrictions</th>
<th>Qualifications</th>
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<tr>
<td>30.100</td>
<td>American Government: Themes and Practices in a Democratic Superstate.</td>
<td>One other paper from 30.101, 30.102 or 30.105</td>
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<td>In exceptional circumstances and by special permission of the Head of Depart-</td>
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<tr>
<td>30.101</td>
<td>Soviet Communism in Theory and Practice</td>
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<td>30.102</td>
<td>Law, Property and Individualism: An Introduction to Political Thinking</td>
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<td>30.105</td>
<td>Public Administration: Central and Local</td>
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**Political Studies II**

<table>
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<tr>
<td>*30.200</td>
<td>Major Figures in Political Thought</td>
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<td>30.201</td>
<td>British Politics and Society</td>
<td>As for 30.200</td>
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<td>Restrictions</td>
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<td>30.203 New Zealand Government and Policy-making</td>
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<td>New Zealand and Australian Foreign Policy.</td>
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<td>— Scandinavia</td>
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<td>30.200 to 30.209</td>
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<td>30.302 Political Development in Africa</td>
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<td>30.303 Research Methods and Statistics in Political Studies</td>
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<td>30.304 Political Learning and Political Behaviour</td>
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<td>30.305 Studies in Contemporary Political Ideas</td>
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<td>30.307 The European Community and COMECON: Nationalism Versus Integration in</td>
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<tr>
<td>East and West Europe</td>
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In exceptional circumstances and by special permission of the Head of Department, prerequisites may be waived or taken as corequisites, and corequisites may be waived.

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<table>
<thead>
<tr>
<th>Title of paper</th>
<th>Prerequisites</th>
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<th>Restrictions</th>
<th>Qualifications</th>
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<tr>
<td>30.308 The Foreign Policy of An Asian Nation: Japan Incorporated</td>
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<td>30.309 Explaining Political Action</td>
<td>As for 30.301</td>
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<td>In exceptional circumstances and by special permission of the Head of Department, prerequisites may be waived or taken as corequisites.</td>
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**PSYCHOLOGY**

**Psychology I**

| 32.108 Introduction to General Psychology | | | See Note | |
| 32.109 Introduction to Experimental Psychology | | | See Note | |

*Note:* Any student who has been credited with 32.100, 32.101, 32.102, 32.103, 32.104, 32.105 or both 33.106 and 107 is not eligible to enrol in papers 32.108 and 109. Any student who has been credited with 33.106 only is not eligible to enrol in 32.109. Any student who has been credited with 33.107 only, may enrol for either 32.108 or 32.109 but not both.

**Psychology II**

| 32.206 Theory and Method: Learning and Motivation | 32.100 and 32.101 or 32.102 and 32.103 or 33.106 and 33.107 or 32.108 and 32.109 | | See Note | |
| 32.207 Sensory Processes: Physiological Psychology | As for 32.206 | | Students who have passed both 32/33.202 and 32/33.205 prior to 1977 may not enrol in 32.207. | |
| 32.208 Developmental Psychology: Interpersonal Behaviour | As for 32.206 | | By special permission of the Head of Department prerequisites may be waived. | |

*Note:* Any student who has been credited with 32.100, 32.101, 32.102, 32.103, 32.104, 32.105 or both 33.106 and 107 is not eligible to enrol in papers 32.108 and 109. Any student who has been credited with 33.106 only is not eligible to enrol in 32.109. Any student who has been credited with 33.107 only, may enrol for either 32.108 or 32.109 but not both.
<table>
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<tr>
<th>Title of paper</th>
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<th>Corequisites</th>
<th>Restrictions</th>
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<td>Psychology III</td>
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<td>32.301 Psychology of Individual Differences</td>
<td>Three of 32.201 to 32.205; or 32.206 and 32.207 and 32.208</td>
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<td>32.302 Psychological Theory</td>
<td>As for 32.301</td>
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<td>32.303 Cognitive Processes</td>
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<td>32.304 The Theory and Systems of Personality</td>
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<td>32.305 Physiological Psychology</td>
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<td>32.306 The Design of Psychological Experiments</td>
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<td>32.307 The Psychological Analysis of Vision and Hearing</td>
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<td>32.308 Special Topic</td>
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<td>32.309 Learning</td>
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<td>*32.310 Comparative Psychology</td>
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<tr>
<td>Russian I</td>
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<tr>
<td>43.100 Russian Language</td>
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By special permission of the Head of Department, prerequisites may be waived.

By special permission of the Head of Department, prerequisites may be waived.

By special permission of the Head of Department, this restriction may be waived.
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<td>43.112 Russian Civilisation</td>
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<td>**43.212</td>
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<td>43.113 The Classics of Russian Literature</td>
<td>**43.200</td>
<td>**43.212</td>
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<td>43.210 Language Acquisition: Russian</td>
<td>43.100</td>
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<td>43.211 (i) Introduction to Modern Russian and the Nineteenth Century</td>
<td>43.100</td>
<td>**43.210</td>
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<td>43.212 The Russian Short Story in the Nineteenth Century</td>
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<td>43.311 Introduction to Russian and Slavonic Linguistics</td>
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<td>43.313 Introduction to Russian Literature of the Twentieth Century</td>
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<td>46.100 Language Acquisition</td>
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<td>46.101 Prescribed texts in Swedish for translation. Selected works of Scandinavian literature, an outline of Scandinavian history, geography and literature</td>
<td>46.101</td>
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<td>By special permission of the Head of Department the prerequisites and corequisites may be waived.</td>
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<td>46.201 The development of the Scandinavian languages, 20th century Swedish literature</td>
<td>46.100, 46.101</td>
<td><strong>46.200, 46.202</strong></td>
<td>By special permission of the Head of Department the prerequisites and corequisites may be waived.</td>
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<td>82.100, 82.101</td>
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<td>By special permission of the Head of Department the prerequisites or corequisites may be waived in any paper.</td>
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<td>82.201 Sociological Methods</td>
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<td>†82.202 A Topic in Comparative Sociology. Topic for 1980:</td>
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<td>Urban Problems</td>
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<td>†82.203 Sociology of a Selected Region</td>
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<td>†82.204 Contemporary Social Problems</td>
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<td>†82.205 Social Stratification</td>
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<td>†82.206 Regional &amp; Community Development</td>
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<tr>
<td>82.207 Sociology of the Family</td>
<td>82.100, 82.101</td>
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<td>†82.208 Special Topic to be prescribed by Head of Depart</td>
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<td>ment</td>
<td>82.300 Industrial Sociology</td>
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<td>82.209 Sociology III</td>
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<td>82.300 Industrial Sociology</td>
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<td>82.301 A Topic in Political Sociology</td>
<td>82.200, 82.201</td>
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<td>Not available to students who have taken 82.207.</td>
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<td>†82.302 A Topic in the Sociology of the Family and Social</td>
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<td>82.303 A Topic in the Sociology of Religion</td>
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<td>82.304 A Topic in Minority and Ethnic Relations</td>
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<td>Title of Paper</td>
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**SPANISH**

Spanish 1

45.100 Language Acquisition

45.101 20th Century Literary Texts

45.102 Language: Oral, Aural and Translation from Spanish to English

**45.101**

No candidate may be credited with both 45.100 and 45.102.

**45.100**

The marks for 45.100 shall bear a relative weighting of 3 to 2 for paper 45.101.

By special permission of the Head of the Department a candidate may present 45.100 without 45.101 or, in exceptional circumstances, 45.101 without 45.100, or 45.101 with 45.102.

Not available to students who have sat 82.309 Sociology of the Arts before 1980.
<table>
<thead>
<tr>
<th>Title of paper</th>
<th>Prerequisites</th>
<th>Corequisites</th>
<th>Restrictions</th>
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<td>Spanish II</td>
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<tr>
<td>45.200 Language Acquisition</td>
<td>45.100</td>
<td>**Two other Spanish II papers</td>
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<tr>
<td>*45.201 Medieval and Golden Age Literary Texts</td>
<td>45.100, 45.101</td>
<td>**45.200 and one other Spanish II paper</td>
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<tr>
<td>45.202 19th and 20th Century Literary Texts</td>
<td>45.100, 45.101</td>
<td>As for 45.201</td>
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<td>*45.203 Literary Analysis with Prescribed Texts</td>
<td>45.100, 45.101</td>
<td>As for 45.201</td>
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<td>45.204 Twentieth Century Latin American Texts</td>
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<td>As for 45.201</td>
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<td>Spanish III</td>
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<td>45.300 Language Acquisition</td>
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<td>Two from **45.301-45.305</td>
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<tr>
<td>*45.301 Medieval Literary Texts</td>
<td>45.200 and two other Spanish II papers</td>
<td>**45.300 and one from **45.302-305</td>
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<td>45.302 Golden Age Literary Texts</td>
<td>As for 45.301</td>
<td>**45.300 and one from **45.301, 45.303-45.305</td>
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<tr>
<td>*45.303 19th Century Literary Texts</td>
<td>As for 45.301</td>
<td>**45.300 and one from **45.301-45.302, 45.304-45.305</td>
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<tr>
<td>45.304 20th Century Literary Texts</td>
<td>As for 45.301</td>
<td>**45.300 and one from **45.301-45.303 and 45.305</td>
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<tr>
<td>45.305 20th Century Latin American Literary Texts</td>
<td>As for 45.301</td>
<td>**45.300 and one from **45.301-45.304</td>
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Group B

Paper or papers at Stage I as prescribed for the Degree of BCom.
Management Studies paper 72.200 as prescribed for the Degree of BCom. For this paper prerequisites of two Economics I papers and two other papers or their equivalent will be required. Management Studies paper 72.303 and 72.305 as prescribed for the degree of BCom. Paper 72.200 is prerequisite.
Six credits in each subject at Stage I (BSc) is equivalent to one Stage I paper in that subject (BA).
Four credits in each subject at Stage II (BSc) is equivalent to one Stage II paper in that subject (BA).
Four credits in each subject at Stage III (BSc) is equivalent to one Stage III paper in that subject (BA).

* Starred papers will not be taught during the current Calendar year.
† Daggered papers will not be taught during the current Calendar year unless sufficient staff is available.
** Linked corequisite papers must be attempted in the same year and will not be credited separately.

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<tr>
<th>Subject</th>
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<td>Accounting</td>
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<td>Management Studies</td>
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<td>Applied Mathematics</td>
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<td>Computer Science</td>
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<td>Geology</td>
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<td>Physics</td>
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<td>Zoology</td>
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1980 Calendar
THE DEGREE OF MASTER OF ARTS
MA

The personal course of study of every candidate must be approved by the Senate. Approval will normally be granted for courses which are in accordance with the following regulations: for general provisions affecting their courses of study, students are referred to the Enrolment and Course Regulations (General), the Terms Regulations, and the Examination Regulations.

General Provisions
1. Subject to the Admission Ad Eundem Statum Regulations, a candidate for the Degree of Master of Arts shall before his enrolment for this Degree
   (a) have been admitted or qualified for admission to the Degree of Bachelor of Arts, except as provided in Regulation 2 below, and
   (b) (i) have fulfilled the prerequisites for his subject as listed in the Schedule to these regulations and have obtained a grade higher than an average of C, in the Stage III papers in the subject he proposes to attempt for MA; (ii) provided that in special circumstances where the Head of Department so recommends the Senate may accept an average grade of less than C+ or waive such prerequisites as it thinks fit.
2. Subject to the Admission Ad Eundem Statum Regulations, a candidate may enrol for this Degree after having completed at least twenty papers, including 12 papers at advanced level, for the Bachelor of Arts Degree, provided that
   (a) his proposed course for this Degree will extend over not fewer than two academic years;
   (b) he has obtained grades averaging B- or above in the advanced papers for the Bachelor of Arts Degree of the subject which he proposes to take for this Degree;
   (c) he satisfies the conditions in Regulation 1(b) above, or is exempted from them;
   (d) the remaining paper or papers for the Bachelor of Arts Degree are not in the subject which he proposes to take for this Degree nor prerequisite to it;
   (e) he enrols for these two papers in the first year of his course for this Degree;
   (f) should he not pass the remaining paper or papers in the first year of his Master of Arts course, his Master's course shall be suspended until he has passed the remaining paper or papers.
3. Except as provided elsewhere in these Regulations and in the Schedule a candidate shall take all papers required for this Degree in the same year. The Senate may require a candidate not devoting his full time to University work to take a prescribed course of studies for two years before taking the examination for any papers.
4. A candidate presenting subject 18, Languages and Literature, shall satisfy the requirements of Regulation 1(b) (i) in respect of each of the languages in his course. A candidate presenting subject 20 Mathematics, shall satisfy the requirements of Regulation 1(b) (i) in respect of Mathematics and Applied Mathematics.
5. A candidate shall be required to fulfil the requirements and pass the examination in one of the subjects prescribed in the Schedule provided that the Head of Department may require a student who fails to achieve a sufficient level in his paper or papers to substitute a further paper or papers for a thesis, dissertation or research essay where these are prescribed.
6. Notwithstanding anything in Regulation 5, a candidate for this Degree may with the permission of the Senate take:
   (i) one Stage III or one Master's paper or:
   (ii) one Stage III and one Master's paper or:
   (iii) two Master's papers, in a subject other than the one in which he is taking his Degree, or:
   (iv) two Master's papers or one Master's and one Stage III paper in:
   subjects that both differ from the one in which he is taking this Degree. Each such paper shall substitute for and be equivalent to one paper in the Master's course of the subject in which the Degree is being taken.
7. No candidate shall take for this Degree any paper the same as or substantially equivalent to any other paper he has passed or is taking and obtain credit for both for this Degree.
8. No candidate who has previously failed in a subject for this degree shall enrol a second time in the same subject without the permission of Senate. For the purpose of this regulation, subject 16 Languages and Literature and any one of the individual subjects which under Clause 16 of the appended Schedule may be used to make up a combined Languages and Literature course, shall be regarded as the same subject.
9. The personal course of study of every candidate must be approved by the Head of Department.

Theses
10. Where a thesis is required the following conditions shall apply:
(a) The thesis shall embody the results obtained by the candidate in an investigation relating to some branch of the subject; or with the approval of the Senate shall consist of a review of the literature of some special problem, which may be combined with the repetition of some standard investigation on an aspect of that problem.
(b) In the case of a thesis recording laboratory work, a certificate shall be supplied to the Registrar by the supervisor stating that laboratory work has been carried out within the University.
(c) Except where otherwise provided in the schedule, the candidate must present his thesis in the year in which he first sits papers for his degree or, with the consent of the Head of Department concerned, in either of the subsequent two years, provided that the time may be extended, in exceptional cases, by Senate.
(d) The candidate shall submit his thesis to the Registrar by 1 November of the academic year in which it is presented or at a subsequent date within that academic year if so arranged with the Head of his Department. The Registrar shall deliver the thesis to the Head of the Department concerned.
(e) If the examiner with the concurrence of the Assessor so recommends, a thesis which is not considered satisfactory shall be returned to the candidate, who may be permitted to revise it and to resubmit it by a later date specified by the examiner and approved by Senate.

II. Where a dissertation or research essay is required the following conditions shall apply:
(a) The candidate shall present the dissertation or research essay in the year prescribed under the appropriate Departmental heading in the Schedule;
(b) Except as provided in the Schedule, the candidate shall submit the dissertation or research essay to the Registrar by 1 November in the year in which it is due to be completed or at a subsequent date within the same academic year if so approved by the Head of Department concerned, provided that the period may be extended, in exceptional cases, by Senate. The Registrar shall deliver the dissertation or research essay to the Head of Department.

Note: An abstract is to be submitted with each copy of a thesis, dissertation or research essay. see Examination Regulation 14.

Honours
12. (a) There shall be two classes of Honours: First Class Honours and Second Class Honours. Second Class Honours shall be awarded in two divisions, First Division and Second Division.
(b) Honours shall not be awarded if the papers in the first year in which a candidate takes an examination for the degree are unsatisfactory or if the thesis at its first presentation is unsatisfactory: provided, however, that a candidate whose performance at a written examination has been seriously impared by illness or injury or exceptional circumstances beyond his control (certified under the aegrotat or compassionate pass provisions of the Examination Regulations) may elect, instead of applying for an aegrotat or compassionate pass, to take a subsequent written examination so that he shall still be eligible for the award of Honours, subject to the provision of Subclause (c) of this Regulation.
(c) A candidate shall be eligible for the award of Honours only if he completes the requirements for Honours within three years of his first enrolment for this Degree: Provided that the time may be extended, in exceptional cases, by the Senate. For the purpose of this Subclause, the academic year is deemed to begin on 1 March.
13. A candidate shall not take for this Degree a subject in which he has already passed for the Degree of Master of Commerce, or for the Degree of Master of Science, or as a principal subject for the Degree of Bachelor of Science (Honours).
14. The Senate, upon the recommendation of the Head of Departments concerned, may, in such exceptional circumstances as it thinks fit, approve a personal course of study which does not conform to the foregoing Regulations or to the Schedule below.

Schedule
(1) Ancient History
Prerequisites: Eight papers in the subject of Ancient History including three Stage III papers
Faculty of Arts, Degree Regulations, MA

OR six papers in Ancient History if a student has passed three Stage III papers in Latin or Greek.

Requirements: Four papers and a special subject which counts as two papers and an essay which counts as one paper.

The papers shall be selected from 12.400-12.414, provided that one paper not already taken may be taken from 12.300-12.304. The special subject shall be one from 12.500/510 to 12.503/513.

Notwithstanding anything in Regulation 3 a candidate shall present three or four papers in the first year and the remaining paper (if any) and the special subject and an essay (12.603) or dissertation (12.604) in the year next following.

(2) Anthropology

Prerequisites: (i) Either eight papers in Anthropology and Maori Studies, or Anthropology and Linguistics, including three Stage III papers in Anthropology; (ii) or with the special permission of Senate, three papers in Maori Studies III and five papers in Anthropology.

Requirements: Seven papers, or four papers and a thesis (03.601) which counts as three papers.

The papers shall be selected from 03.400 to 03.415, 03.300 to 03.328, 83.300 to 83.307, 04.302 to 04.307 with no more than three papers from the following group of papers: 03.300 to 03.328, 83.300 to 83.307, 04.302 to 04.307.

Notwithstanding anything in Regulation 3, and except with the special permission of the Senate, (i) a candidate shall present for papers in the first year and if taking seven papers, present the remaining papers in the following year.

(ii) a candidate who is engaged in full-time employment, or with other demanding responsibilities, may be permitted by the Head of Department to present three papers in the first year, or in special circumstances, two papers in the first year, and if taking seven papers, shall present all papers within three years of first enrolment for the degree.

(3) Art History

Prerequisites: Eight papers in the subject of Art History including three Stage III papers plus a pass in Stage I of Greek, Latin or a modern European language other than English.

Requirements: Four papers and a thesis (19.601) which counts as three papers. The papers shall be selected from either papers 19.400 to 19.408; or three papers 19.400 to 19.408 and one paper from options prescribed for Art History III; or two papers 19.400 to 19.408 and two papers from options prescribed for Art History III; provided that no paper that has been credited to the degree of Bachelor of Arts shall be taken for this Degree, and that papers 19.305 and 19.401 may not both be taken for this Degree.

(4) Chinese

Prerequisites: Eight papers in the subject of Chinese including three Stage III papers.

Requirements: Six papers and a dissertation (48.604) which counts as one paper.

Papers 48.400 and 48.401 and four others selected from 48.402 to 48.417. Notwithstanding anything in Regulation 3 a candidate may present the six papers and a dissertation in the same year of four papers in the first year including 48.400 and 48.401, and the two papers and dissertation in the year next following. The dissertation must be presented by 1 November in the second year of the course provided this period may be extended to 28 February of the following year with the permission of the Head of Department and provided further that the time may be extended by the Senate in special cases.

(5) Economics

Prerequisites: Eight papers in the subject of Economics including three Stage III papers.

Requirements: Six papers; for four papers and a thesis (13.601) which counts as two papers; or five papers and a research essay (13.603) which counts as one paper.

The papers shall be selected from 13.400 to 13.412.

Notwithstanding anything in Regulation 3 a candidate presenting five papers and a research essay or six papers shall either present all papers and the research essay in the same year or,
having presented four papers in the first year, present the remaining two papers or the one paper and research essay in the year next following.

(6) Education

Prerequisites: Eight papers in the subject of Education including three Stage III papers.

Co-requisites: Whenever 14.408 is taken, 14.407 or 32.413 must be taken concurrently or have been taken in the preceding year.

Requirements: (i) Seven papers
OR (ii) Six papers and a dissertation (14.604) which counts as one paper
OR (iii) Five papers as required as prerequisites for the Diploma in Educational Psychology Reg I (6) and a thesis (14.611) which counts as two papers
OR (iv) Four papers and a thesis (14.601) which counts as three papers. The papers shall be selected from 14.400 to 14.417.
OR (v) Four papers and a folio of case work (14.606) with associated seminars counting as three papers. A candidate taking this course shall take four papers in the first year of enrolment, these four to include 14.405, 14.410 and two optional but relevant papers which must be approved by the Head of Department. Over the next one to two years he must prepare a folio of case work and attend a seminar course in guidance and counselling. At the end of this first year no more than ten students chosen on academic criteria and personal qualities will be permitted to proceed to the second year. Those not so chosen may complete this Degree by presenting a thesis.

Notwithstanding anything in Regulation 3 a candidate may, with the consent of the Head of Department, be permitted to present three papers or two papers in the first year and remaining papers in the year next following.

Note: In considering applications to attempt two or three papers only in the first year, the Head of Department may take into account the extent of a student's employment or other responsibilities outside the University.

(7) English

Prerequisites: (i) Two approved papers in a language other than English (normally two Stage I papers of a European language or two approved Stage II language papers from Maori Studies) and
(ii) Eight papers in English including three at Stage III with co-requisites and,
(iii) Either 3 further papers at Stage III which may be in English or in other subjects approved individually;
OR 2 further approved papers at Stage III in any subject or subjects if a student has taken four papers in English II

Note: Papers automatically approved for this purpose include papers at Stage III in allied subjects such as languages other than English, History, Philosophy, Art History, Music. Other papers and combinations of papers are approved individually.

Requirements: Seven papers; or five papers and a thesis (18.601) which counts as two papers; or six papers and a dissertation (18.604) which counts as one paper. A research essay (18.603) may be substituted for the dissertation.

Notwithstanding anything in Regulation 3 candidates presenting
(a) Seven papers or
(b) Six papers and a research essay or dissertation shall present all papers or all papers and the research essay or dissertation in the same year or, having presented four papers in the first year, present the remaining three papers or two papers and research essay or dissertation in the year next following. Other combinations may be presented only with permission of the Head of Department, provided that no candidate may present fewer than three papers in the first year. The papers shall be selected from 18.400 to 18.407, 18.409 to 18.422, 18.424 to 18.428, and from (but shall include not more than one of) the Stage III English papers for the Degree of Bachelor of Arts.

(8) French

Prerequisites: Eight papers in the subject French including three Stage III papers.
**Requirements:** Seven papers; or four papers and a thesis (34.601) which counts as three papers. Paper 34.400 and either six or three papers selected from 34.401 to 34.423. Paper 34.421 may only be taken with the permission of the Head of Department.

Notwithstanding anything in Regulation 3 a candidate presenting seven papers shall either present all papers in the same year or having presented four papers, one of which shall be paper 34.400, in the first year, shall present, with the approval of the Head of the Department, his thesis or the remaining three papers in the year next following.

(9) **Geography**

**Prerequisites:** Eight papers in the subject Geography including three Stage III papers.

**Requirements:** Four papers and a thesis (20.601) which counts as three papers. Notwithstanding anything in Regulation 3 a candidate must enrol for and sit the four papers in the first year, present the thesis in the year next following. In exceptional circumstances the Head of Department may defer the year of presentation and/or the date of submission.

Papers shall be selected from 20.400 to 20.441.

(10) **German**

**Prerequisites:** Eight papers in the subject German including three Stage III papers.

**Requirements:** Seven papers; or, with the approval of the Head of Department, five papers and a thesis (22.601) which shall count as two papers. Paper 22.400 and six papers selected from 22.401 to 22.417.

Notwithstanding anything in Regulation 3 a candidate presenting seven papers shall either present all papers in the same year or, having presented four papers in the first year, shall present the remaining three papers, or the thesis and one paper, in the year next following.

(11) **Greek**

**Prerequisites:** Eight papers in the subject Greek including three Stage III papers.

**Requirements:** Six papers.

Paper 10.400 and 10.401 and four papers selected from 10.402 to 10.408. The selection is to be approved by the Head of Department.

(12) **History**

**Prerequisites:** Eight papers in the subjects History or Asian History or both including three Stage III papers.

**Requirements:** Five papers and a research essay (24.603) which shall count as one paper; or four papers and a thesis (24.601) which shall count as two papers.

The papers shall be selected from 24.400 to 24.421.

Notwithstanding anything in Regulation 3, candidates presenting a research essay may attempt the five papers and present the essay in one year, or attempt four papers in the first year and present the remaining paper and research essay in the second year, or with the permission of the Head of Department attempt three papers in the first year and present the remaining two papers and research essay in the second year. Candidates presenting a thesis must attempt four papers in the first year.

(13) **Indonesian**

**Prerequisites:** Eight papers in the subject Indonesian including three Stage III papers.

**Requirements:** Six papers and a dissertation (80.604) which counts as one paper.

Papers 80.400, 80.401, 80.402 and three papers selected from 80.403 to 80.409.

Notwithstanding anything in Regulation 3 a candidate may present the six papers and a dissertation in the same year or four papers in the first year and the two papers and the dissertation in the year next following.

The dissertation must be presented by 1 November in the second year of the course provided that this period may be extended to 28 February of the following year with permission of the Head of the Department and provided further that the time may be extended by the Senate in special cases.
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(14) Italian

Prerequisites: Eight papers in the subject Italian including three Stage III papers.

Requirements: Seven papers; or four papers and a thesis (35.601) which counts as three papers.

Paper 35.400 and either six or three papers selected from 35.401 to 35.420.

Notwithstanding anything in Regulation 3 a candidate presenting seven papers shall either present all papers in the same year or having presented four papers, one of which shall be paper 35.400, in the first year, shall present, with the approval of the Head of the Department, the thesis or the remaining three papers in the year next following.

(15) Japanese

Prerequisites: Eight papers in the subject Japanese including three Stage III papers.

Requirements: Six papers and a dissertation (81.604) which counts as one paper.

Papers 81.400, 81.401 and four papers selected from 81.402 to 81.407.

Notwithstanding anything in Regulation 3 a candidate may present the six papers and a dissertation in the same year or four papers in the first year including 81.400, 81.401 and the two papers and the dissertation in the year next following.

The dissertation must be presented by 1 November in the second year course provided that this period may be extended to 28 February of the following year with permission of the Head of the Department and provided further that the time may be extended by the Senate in special cases.

(16) Languages and Literature

Prerequisites: For the specific prerequisites for the individual courses a candidate is referred to the individual subjects making up a combined Languages and Literature course.

Requirements: Seven papers in any two of the subjects (i) to (viii); three papers to be taken from each language chosen and the seventh paper to be taken from either language chosen to be approved by the Head of the Department concerned.

(i) English

Two papers selected from 18.400 to 18.403 inclusive and one or two other papers from 18.404 to 18.407, 18.409, 18.411, to 18.422, 18.424 to 18.428. This selection of papers may be varied by permission of the Heads of the Departments concerned.

(ii) Greek

Paper 10.400, and two or three from 10.401 to 10.408.

(iii) Latin


(iv) French

Paper 34.400 and two or three from 34.401 to 34.423.

(v) German

Three or four papers from 22.400 to 22.417.

(vi) Italian

Paper 35.400 and two or three from 35.401 to 35.420

(vii) Russian

Paper 43.410 and two or three from 43.411 to 43.425.

(viii) Spanish

Paper 45.400 and two or three from 45.401 to 45.419.

Notwithstanding anything in Regulation 3 a candidate presenting seven papers shall either present all papers in the first year or, having presented four papers in the first year, present three papers in the year next following.

(17) Latin

Prerequisites: Eight papers in the subject Latin including three Stage III papers, together with

(i) two Stage I Greek papers, or

(ii) Greek 10.100 if a student has passed Ancient History 12.202.

Requirements: Six papers.

Papers 09.400 and 09.401 and four papers selected from 09.402 to 09.407. The selection is to be approved by the Head of Department.
(18) Linguistics

**Prerequisites:** Either eight papers in the subject Linguistics including three papers at Stage III level; or, with the permission of the Senate on the recommendation of the Head of Department, five papers in the subject Linguistics and three papers at Stage III level; in the subject Maori Studies or in a language subject other than English.

**Requirements:** Four papers and a thesis (83.601) which shall count as three papers. The papers shall be selected from papers 83.400 to 83.403, and 04.302 to 04.307 and 83.300 to 83.307 except that not more than two papers may be selected from 04.302 to 04.307 and 83.300 to 83.307.

Notwithstanding anything in Regulation 3, and except with the special permission of the Senate,

(i) a candidate shall present four papers in the first year,

(ii) a candidate who is engaged in full-time employment, or with other demanding responsibilities, may be permitted by the Head of Department to present two papers in the first year and two papers in the following year.

(19) Maori Studies

**Prerequisites:** Eight papers in the subject Maori Studies including three papers at Stage III level.

**Requirements:** Four papers and a thesis (04.601) which shall count as three papers. The papers shall be selected from papers 04.400 to 04.402 and 04.302 to 04.307 except that not more than two papers may be selected from 04.302 to 04.307.

Notwithstanding anything in Regulation 3, and except with the special permission of the Senate,

(i) a candidate shall present four papers in the first year,

(ii) a candidate who is engaged in full-time employment, or with other demanding responsibilities, may be permitted by the Head of Department to present two papers in the first year and two papers in the following year.

(20) Mathematics

**Prerequisites:** Mathematics 220 or 221, 240 or 241, 260 (or 261 if passed before 1978) plus twenty 300 or 400 level credits approved by the Head of the Mathematics Department.

Of those twenty credits at least 16 shall be from courses in Mathematics and Computer Science, except that in special circumstances the Head of Department may approve a minimum of 12 such credits from Mathematics and Computer Science.

Papers totalling 20 credits and a thesis (26.605) which will count as 16 credits or papers totalling 20 credits and an advanced course of study (26.605) which will count as 16 credits.

A selection approved by the Head of the Department of Mathematics of papers from Mathematics 400 to 499 and Computer Science 400 to 499 with total value as shown in the Prescriptions of 20 credits together with a thesis or an advanced course of study, provided that up to four of these credits may be replaced by four stage three credits from papers in Mathematics and Computer Science not already taken for any degree or Diploma.

(21) Music

**Prerequisites:** Eight papers in the subject Music including 28.309, at least one of 28.202, 28.210 and 28.211 and at least two of 28.203-208; the candidate must satisfy the Head of the Department of his proficiency as a performer and his ability to read an approved language other than English.

(22) Philosophy
Prerequisites: Either: Eight papers including 29.101 and 29.306 and three other Stage III papers in the subject Philosophy.
Or: Eight papers including 29.101 and 29.306 in the subject Philosophy with two other Stage III papers in Philosophy and three other Stage III papers in any subject or subjects.
Requirements: Six papers; or four papers and a thesis (29.601) which shall count as two papers. One and only one paper may be selected from those at Stage III (29.300 to 29.307) which the student has not previously passed. All the other papers must be selected from 29.400 to 29.420. Notwithstanding anything in Regulation 3 a candidate shall present either all papers in the same year or, having presented four papers in the first year, present the remaining two papers in the year next following.

(23) Political Studies
Prerequisites: Eight papers in the subjects Political Studies and Asian Politics including three Stage III papers.
Requirements: Four papers and a thesis (30.601) which shall count as three papers; or seven papers. The papers shall be selected from 30.400 to 30.412.
Notwithstanding anything in Regulation 3 a candidate presenting seven papers shall present four papers in the first year and present the remaining three papers in the year next following.

(24) Psychology
Prerequisites: Eight papers in the subject Psychology including three Stage III papers.
Requirements: Four papers and a thesis (32.601) which shall count as three papers. The papers shall be selected from 32.401 to 32.413 and 32.415 to 32.417.

(25) Russian
Prerequisites: Eight papers in the subject Russian including three Stage III papers (43.310 and two others).
Requirements: Seven papers, or five papers and a thesis (43.601) which shall count as two papers. Papers 43.410 and at least one paper from 43.411 to 43.416 and at least one from 43.418 to 43.425. Paper 43.418 is a requirement for students intending to present a thesis in Russian literature. Notwithstanding anything in Regulation 3 a candidate presenting seven papers may present four papers in the first year and the remaining three papers in the year next following, or, with the consent of the Head of Department, three papers in the first year and the remaining four in the next following. All candidates presenting a thesis shall present either four or five papers in the first year and the remaining paper (if any) and the thesis in the year next following.

(26) Sociology
Option I Sociology
Prerequisites: Eight papers in the subject Sociology including three Stage III papers (normally including 82.312).
Requirements: Four papers and a thesis (82.601) which counts as three papers. With the permission of the Head of Department, a student may take five or six papers, presenting a thesis (82.611) worth two papers or a research paper (82.603) or dissertation (82.604) worth one paper. In these cases the length shall not exceed 20,000 or 10,000 words respectively. The papers shall be selected from 82.400 to 82.416.
Option II Sociology (Social Welfare and Development)
Prerequisites: Eight papers in the subject Sociology including three Stage III papers or with the approval of Senate three Stage III papers from another subject.
Requirements: Four papers and a thesis (82.631) which counts as two papers and a practical placement (82.613) which counts as one paper, or in exceptional cases where a placement cannot be arranged to the satisfaction of the Head of the Department, four papers and a thesis (82.621) which counts as three papers.
† Paper 82.500, 82.501 and two papers selected from 82.502 to 82.506.
Both options: Notwithstanding anything in Regulation 3 a candidate shall either present all
papers in the same year, or not fewer than two papers in the first year, presenting the remaining paper or papers in the following year.

(27) Spanish

Prerequisites: Eight papers in the subject Spanish including three Stage III papers.

Requirements: Seven papers; or four papers and a thesis (45.601) which counts as three papers. Paper 45.400 and either six or three papers selected from 45.401 to 45.421. Notwithstanding anything in Regulation 3 a candidate presenting seven papers shall either present all papers in the same year or, having presented four papers, one of which shall be paper 45.400, in the first year, shall present, with the approval of the Head of the Department, the thesis or the remaining three papers in the year next following.

†These papers will not be taught during the current Calendar year unless sufficient staff is available.

THE DEGREE OF DOCTOR OF LITERATURE

LittD

General Provisions

1. Except as provided in the Admission Ad Eundem Statum Regulations, a candidate for the Degree of Doctor of Literature shall be a graduate of the University of Auckland, or of the University of New Zealand.

2. No candidate shall present himself for the Degree of Doctor of Literature until at least eight years after graduation to his first degree.

3. The Degree of Doctor of Literature shall be awarded for an original contribution (or contributions) of special excellence to linguistic, literary, philosophical, social or historical knowledge.

4. The degree shall be awarded only on work, whether sole or conjoint, published in book form or in scholarly journals in general circulation.

5. No work shall be considered for the degree if the work, or a major portion thereof, has previously formed the basis of an award of any degree or diploma in this or any other University.

6. A candidate shall make application in writing to be examined, and such application, accompanied by the fees prescribed in the Fees Regulations, shall be lodged with the Registrar together with

(a) Three copies of the work to be examined;
(b) A statutory declaration which shall
(i) state the extent to which the work is the candidate's own, and (in the case of a conjoint work) identify as clearly as possible which parts are the candidate's own; and
(ii) state what portion (if any) of the work submitted has been previously presented for a degree or diploma of the University of Auckland or any other University; and
(iii) declare that the work in substantially its present form has not been previously accepted for the award of a degree or diploma in this or any other University and is not being concurrently submitted for a degree or diploma in any other University.

Examination Procedure

7. As soon as possible after the application has been lodged, the Senate shall appoint a Moderator who shall
(a) consider the work and submit, through the Registrar, a preliminary report, which shall indicate whether, in his opinion, the examination should proceed or whether the candidate should be advised to withdraw his application; and
(b) state the names of not fewer than two persons recommended as suitable examiners in the field covered by the work submitted, provided that the Senate in appointing examiners under Regulation 9 of these Regulations shall not be restricted to the persons so named.

8. If the Moderator recommends that the candidate should be advised to withdraw his application, the candidate shall be notified of the recommendation by the Registrar and in such case the candidate may
(a) withdraw his application, whereupon he shall be entitled to a refund of one half of the fees paid under the provisions of Regulation 6 of these Regulations; or
(b) elect to proceed with the examination.

9. (a) If the examination is to proceed the Senate shall appoint two independent External Examiners of whom at least one shall be resident outside New Zealand, provided that the Senate may in its discretion appoint an additional examiner who may be a member of the teaching staff of the University of Auckland.

(b) The contents of the Moderator's report shall not be communicated to the Examiners.

10. The duties of each Examiner shall be:
   (a) to report independently on the quality of the work and its value as a significant contribution to learning; and
   (b) to recommend whether or not the degree should be awarded, provided that where the recommendation is that the degree should not be awarded by the Examiner may recommend that the candidate be permitted to re-submit the work together with further published work at a later date. A re-submission shall be accompanied by a further full examination fee.

11. All reports and other communications shall be sent to the Registrar who shall refer them to the Moderator.

12. The Moderator shall place the reports of the Examiners before the Senate which shall determine whether or not the degrees shall be awarded.

13. Notwithstanding anything in Regulation 12 of these Regulations the Moderator shall, where only two examiners have been appointed and their recommendations are conflicting, submit to the Senate the name of a further person qualified to act as an Examiner and in such case the Senate shall appoint the person so named or some other suitable person to be an additional Examiner to furnish an independent report in accordance with the provisions of Regulation 10 of these Regulations, which shall be considered by the Senate together with the other reports.
DEGREE COURSE PRESCRIPTIONS

DEPARTMENT OF ANTHROPOLOGY

The Department of Anthropology includes three subjects: Anthropology, Maori Studies and Linguistics.

Some papers in this Department are offered under more than one subject. Such a paper will be listed under the same short title, but with a different code number for each subject. Thus Introduction to Maori Society is listed both under Anthropology with the code number 03.102, and Maori Studies, with the code number 04.101. Students will choose the subject under which they wish to take such double-listed papers.

No paper may be credited twice to the same degree.

Note: * This paper will not be taught during the current Calendar year
† This paper will not be taught during the current Calendar year unless sufficient staff is available.

Anthropology Stage I Level

Social Anthropology Papers

03.100 Introduction to Social Anthropology
Basic anthropological issues and approaches to the study of culture.
(1 hour lecture per week and 1 hour weekly tutorial; taught in two streams).

03.102 Introduction to Maori Society
Indigenous Maori society; the effects of European culture; the contemporary culture. This same paper is offered as Maori Studies 04.101.
(1 hour lecture, 1 hour tutorial)

Prehistory paper

03.101 Elementary Prehistoric Archaeology and Physical Anthropology
Biological variation and evolution in human populations; evolution of the human species; behavioural and cultural evolution of Man up to the emergence of the first cities.
(1 hour lecture per week and 1 hour fortnightly tutorial; taught in two streams).

Anthropology Stage II Level

Students should note that papers 03.200, 03.201, 03.202, 03.203, 03.204, 03.206, 03.207, 03.208 and 03.209 are pre or corequisite to certain Stage III and MA papers. Papers 03.200, 03.201, 03.202, 03.203, 03.204, 03.206, 03.207 and 03.210 are available to a candidate who has not completed the normal prerequisite, provided that he has passed four papers in any subject, or subjects, and takes the normal prerequisites as a corequisite.

Social Anthropology Papers

03.200 Ethnography of Island Polynesia
A survey of a number of pre-European and contemporary rural Polynesian societies with emphasis on traditional Polynesian social, economic and political organisation. Prerequisite 03.100.
(2 hour lecture).

03.201 Melanesian Ethnography
A survey of Melanesian societies, with emphasis on traditional and changing social, economic, and political features, on the village level. Prerequisite 03.100.
(2 hour lecture, discussion; taught in two streams).

03.202 Social Organisation
A survey of various methods for the description and analysis of social organisation. Prerequisite 03.100
(1 hour lecture, 1 hour fortnightly tutorial required).

03.203 Ethos and World View
Anthropological approaches to belief systems. Prerequisite 03.100.
(1 hour lecture, 1 hour fortnightly tutorial required).

*03.210 Ethnic Groups and Inter-ethnic Relationships
Anthropological approaches to ethnicity. Prerequisite 03.100.
(1 hour lecture, 1 hour fortnightly tutorial required).
03.211 Traditional Maori Society
A critical examination of primary source material and the ethnographic record. Prerequisites: 03.102 or 04.101 or 24.120 or permission of Head of Department. (1 hour lecture, 1 tutorial fortnightly required). The same paper is offered as Maori Studies 04.202.

Prehistory and Physical Anthropology Papers

03.204 Economic Prehistory
The evolution of human economic systems. Prerequisite: 03.101. (1 hour lecture, 1 hour tutorial fortnightly required).

03.206 Origins of Civilisation
The study of the early civilisations of the Near East and a comparative survey of early Chinese, American and other civilisations. Prerequisite 03.101. (1 hour lecture, 1 hour fortnightly tutorial optional).

03.207 Human Evolution.
The genetics and evolution of human populations; the fossil evidence for human evolution: biological variation in contemporary human populations. Prerequisite 03.101, 03.100. (1 hour lecture, 2 hour fortnightly tutorial required).

03.208 The Coming of the Maori.
Polynesian origins, initial adaptations to New Zealand, local cultural development, Classic Maori society, history to 1840 A.D. Prerequisite any one of 03.100, 03.101, 03.102 or Maori Studies 04.101, or Ancient History 12.100, or History 24.120. The same paper is offered as Maori Studies 04.203. (1 hour lecture, 1 hour fortnightly tutorial optional. Field trips and short practical project required).

Other Papers

03.209 Music of the World’s Peoples
Prerequisites: 28.101, 28.102, 28.103. Corequisite: 28.201. The same paper is offered as Music 28.214. For prescription see under Music Department.

Anthropology Stage III Level
Students should note that paper 03.308 is prerequisite to paper 03.401 at MA level.

Social Anthropology Papers

03.300 History of Anthropology
Anthropology and its history of ideas — the theorists, the theories, and their social contexts. Prerequisite: 03.100. Corequisites: 03.202, or any two of 03.200, 03.201, 03.203, 03.210, 03.211, 04.202. (2 hour lecture/seminar).

†03.301 Kinship and Marriage
A survey of the anthropological literature on kinship and marriage, with emphasis on different models of interpretation. Prerequisite 03.100; corequisite 03.202. (2 hour lecture/seminar).

03.302 Contemporary Problems in Social Anthropology
Selected contemporary issues in social anthropology. Prerequisite 03.100; corequisite 03.202, although students are strongly advised to take 03.202 before enrolling in this paper. (2 hour lecture and discussion).

1980 Calendar
†03.303 Political Systems
Prerequisite 03.100; corequisite 03.202, although students are strongly advised to take 03.202 before enrolling in this paper.
(2 hour lecture/seminar).

†03.304 Anthropology of Law
An anthropological study of legal processes and their interrelationship with polity, social control, legitimacy, and morality in various cultural contexts. Prerequisite 03.100; corequisite 03.202, although prior completion of this paper will be to the student’s advantage.
(2 hour lecture/seminar).

*03.305 Special Topic in Melanesia
Prerequisite 03.100; corequisite 03.201.
(2 hour lecture/seminar).

†03.306 Topics in Contemporary Maori Society
A survey of current Maori institutions, social groupings and events. Prerequisites 03.102 or Maori Studies 04.101; corequisite 03.200 or 03.202 or 03.211 or Maori Studies 04.202 (or permission of the Head of Department).
(2 hour lecture and discussion)
The same paper is offered as Maori Studies 04.302.

†03.307 Special Topic in Social Anthropology
Prerequisite 03.100; corequisite 03.202, although prior completion of this paper will be to the student’s advantage.
(2 hour lecture/seminar)

03.310 Social Movements
The origins, structure, and ideology of a variety of movements of protest and change. Prerequisite: 03.100 and permission of Head of Department.
(2 hour lecture/seminar).

03.311 Studies in Oral Literature
Various theoretical frameworks and analytical techniques are applied to a body of oral literature from the Pacific. Prerequisite 03.202 or 03.203. Recommended 03.200.
(2 hour seminar).

†03.312 Ecological Studies in Anthropology
Environmental relations in man-dominated ecosystems. Prerequisites: 03.202; or 03.100 and permission of Head of Department.
(2 hour lecture/seminar.)

03.313 Contemporary Polynesia
A survey of recent social, economic and political changes in Fiji and Island Polynesia. Corequisite 03.200; prerequisite 03.100.
(2 hour lecture).

*03.317 Sociolinguistics
The ethnography of communication. Prerequisites: One of 03.100, 83.100, 83.101, 83.102.
(2 hour lecture.)

03.320 The Anthropology of Agriculture
Anthropology and economic botany in subsistence economies. Interrelations between plants and human subsistence activities, with special attention to the Pacific humid tropics.
Prerequisite: 03.101 and 03.202; or 03.100 and permission of Head of Department. (2 hour lecture/seminar.)

**03.321 Economic Anthropology**
Non-industrial economic institutions in traditional and changing social settings. Prerequisites: 03.202, or 03.100 and permission of Head of Department. (2 hour lecture/seminar)

**03.322 Special Topic in Social Anthropology**
For 1980: Contemporary Latin America. Selected ethnographies from South America, Meso-America and the Caribbean will be discussed with regard to general principles of social organisation. Prerequisite 03.202, or 03.100 and permission of Head of Department.

**03.323 Ethnohistory**
Use of historical sources, oral traditions, archaeology and ethnography for the reconstruction of local histories and society about the time of initial European contact. Prerequisites: 03.202 or 03.203, or 03.100 and permission of Head of Department. (2 hour lecture seminar).

**03.324 Special Topic in Social Anthropology**
Prerequisites: three papers in Social Anthropology and permission of Head of Department.

**03.328 Special Topic in Social Anthropology**
Topics for 1980: Regional Perspectives in Maori Society and Culture. Prerequisite: 03.100 and 03.211/04.202.

**Prehistory and Physical Anthropology Papers**

**03.308 History, Theory and Introduction to Method in Archaeology**
Prerequisites: 03.101 plus 03.100, and either 03.204 or 03.208/04.203 or permission of Head of Department. (2 hour lecture/tutorial; 5 days field work required).

**03.309 Advanced Physical Anthropology**
Intensive survey of Physical Anthropology. Prerequisite 03.207 (or permission of the Head of Department given appropriate science papers). (2 hour lecture/seminar, regular tutorials arranged.)

**03.314 Special Topic in Archaeology**
For 1980: Problems in Asian prehistory and physical anthropology. Prerequisite 03.101; corequisite either 03.204 or 03.206 or 03.208/04.203. (2 hour lecture/seminar).

**03.315 Regional Prehistory: Oceania**
Archaeology, prehistory, historical linguistics, settlement pattern, and ethnohistory of a region. Prerequisite 03.101, corequisite 03.208, or 04.203. (2 hour lecture/tutorial).

**03.316 Regional Prehistory**
Prerequisites: 03.101 Corequisites: one of 03.204, 03.206, 03.207, 03.208/04.203. (2 hour lecture/seminar weekly).

**03.319 Roman History**
Britain from the Iron Age to the Anglo Saxons (c. AD 800). Prerequisites 12.103 and 03.101, or permission of the Head of Department. (1 hour lecture twice weekly). The same paper is offered as Ancient History 12.303. For prescription, see under Ancient History III. (Students taking this paper for anthropology do not have to take language option).

**03.325 Special Topic in Prehistory**
In 1980: Experimental and Ethnographic Archaeology. Prerequisites: 03.204 or 03.206 or 03.208/04.203. (2 hour lecture/seminar).
†03.327 Special Topic in Physical Anthropology
Human osteology for the Archaeologist and Physical Anthropologist. Techniques of field and
laboratory identification, preservation and measurement. Prerequisite: 03.207 or permission of
Head of Department given appropriate science papers.
(2 hour lecture/seminar, regular labs. arranged).

Other Papers
*03.318 Music of Oceania
Prerequisite: 28.201 or 03.209, Corequisites: 28.201 and 28.202 or 28.209 or 28.301.
(1 hour lecture).
The same paper is offered as Music 28.314. For prescriptions see under Music Department.

*03.326 Statistical Methods in Anthropology
Elementary statistical concepts and methods with emphasis on analysis of anthropological
data. The course stresses application of quantitative methodology in anthropological research,
including archaeology, linguistics, and social/cultural and biological anthropology. Prerequisites:
03.100, 03.101.
(2 hour lecture, regular tutorials arranged).

ANTHROPOLOGY FOR MA
The course of study of every student must be approved by the Head of Department. A
candidate may present either seven papers, or four papers and a thesis (03.601) counting as
three papers.
Students wishing to regard their degree as a qualification in social anthropology are required to
take not fewer than three 03.400 level papers in this sub-discipline, of which not fewer than two
shall be chosen from 03.400, 03.404, 03.408. Students wishing to regard their degree as a
qualification in prehistory or physical anthropology are required to take 03.401 or 03.412 and
at least one other paper in Anthropology at 03.400 level, and, where their course consists
entirely of papers, are required to take 03.409.
Full-time students are, except with the special permission of Senate, required to present four
papers in their first year of enrolment and either three papers or a thesis in their second year.
Part-time students who are engaged in full-time employment or with other demanding responsi-
bilities, may be permitted by the Head of Department to present three papers in the first year
or in special circumstances two papers in the first year; and if taking seven papers shall present
all papers within three years of first enrolment for the degree.
Students presenting theses who are candidates for scholarships and prizes will be required to
meet appropriate deadlines determined by their supervisors and Head of Department.

Social Anthropology Papers
03.400 Advanced Theory in Social Anthropology
A study of several contemporary theoretical works which focus upon central issues in anthrop-
ology or attempt to undertake a critical re-assessment of basic premises.
Prerequisites: at least two papers from 03.300-03.307, 03.310-03.313, 03.317, 03.320-03.323
(2 hour seminar).

†03.402 Special Topic in the Social Anthropology of Polynesia.
(2 hour seminar)

†03.404 Special Topic in Social Anthropology
In 1980: A study of rituals, symbolism and systems of belief, with special reference to Poly-
nesian cultures.

†03.405 Special Topic in Social Anthropology
(2 hour lecture/seminar)
03.408 Ethical Problems in Social Research
An examination of questions of responsibility, relevance, and the place of values in the conduct of social research.
(2 hour lecture/seminar).

†03.411 Special Topic in Social Anthropology
Topic to be announced.

†03.413 Special Topic in Social Anthropology
Topic to be announced.

03.414 Special Topic in Social Anthropology

03.415 Research Topic in Social Anthropology
Corequisites: At least two papers from 03.400, 03.402, 03.404, 03.408. This paper is not available to students who are intending to enrol for a thesis (03.601), except with special permission of Head of Department.

Prehistory and Physical Anthropology Papers

03.401 Archaeological Method
Laboratory techniques, field survey and excavation. Prerequisite 03.308 (or permission of Head of Department). Previous field-work is also required for enrolment in this paper.
(3 hour lecture and laboratory; 4 weeks field-work required)

03.403 Prehistoric Ecology and Economics
A study of concepts and the archaeological evidence. Prerequisite 03.204 (or permission of Head of Department). A current or previous enrolment in 03.308 is strongly advised.
(2 hour lecture or seminar)

03.409 Research Topic in Physical Anthropology and/or Archaeology
Research problems in archaeology and/or physical anthropology such as computer applications and other special topics selected in consultation with staff. The paper requires either a series of research essays, or one major essay in the form of a short (40-50 pp.) research paper. Required of students who wish to regard their degree as a qualification in physical anthropology or prehistory and whose course consists entirely of papers. Also available to students doing a thesis degree, but not in the form of a single research essay.

†03.412 Method and Theory in Physical Anthropology
A study of concepts and laboratory methods used in modern Physical Anthropology. Prerequisite 03.309 (or permission of Head of Department given appropriate Science papers) (2 hour lecture and laboratory).

Other Papers

03.410 Ethnomusicology
Advanced Theory and Method. Corequisite 03.318.
The same paper is offered as Music 28.414.
(1 hour lecture).
For prescription see under Music Department.

03.601 Thesis
03.603 Research Essay

MAORI STUDIES

Students who are beginning their study of Maori language should take 04.100 and 04.104
concurrently. Native speakers of Maori and those who have passed UE Maori may not take 04.104 which is intended for beginning students of the language. Such students should obtain the Head of Department's permission to enrol for higher level courses.

Maori Studies Stage I Level

04.100 Introduction to the Structure of Maori Language
(1 hour lecture 1 hour tutorial per week)

04.101 Introduction to Maori Society
Indigenous Maori society; the effects of European culture; the contemporary culture.
(1 hour lecture, 1 hour tutorial)
The same paper is offered as Anthropology 03.102.

04.104 Introduction to Spoken and Written Maori
(1 workshop, 1 oral tutorial, 1 language laboratory per week)

Maori Studies Stage II Level

Students should note that 04.204 and 04.205 are prerequisite to certain Stage III level papers. 04.204 and 04.205 are designed to be taken together and should be enrolled in concurrently.

04.202 Traditional Maori Society
A critical examination of primary source material and the ethnographic record. Prerequisite 03.102 or 04.101 or 24.120 or permission of the Head of Department.
(1 hour lecture, 1 tutorial fortnightly required)
Note: The same paper is offered as Anthropology 03.211.

04.203 The Coming of the Maori
Polynesian origins, initial adaptation to New Zealand, local cultural development, classic Maori society, history to 1840 AD. Prerequisites: Maori Studies 04.101 or any one of Anthropology 03.100, 03.101, 03.102, or Ancient History 12.100, or History 24.120.
(1 hour lecture, 1 hour fortnightly tutorial optional. Field trips and short practical project required.)
The same paper is offered as Anthropology 03.208.

04.204 Second Year Maori Language: Structure and Prescribed Texts
Prerequisites: 04.100 and 04.104, or permission of Head of Department
(2 lectures per week)

04.205 Second Year Maori Language: Oral and Written Skills
Prerequisites: 04.100 and 04.104, or permission of Head of Department
(1 oral tutorial, 1 workshop, 1 language laboratory per week).

04.206 A Topic in Maori Material Culture
Topic for 1980: Maori weaving and plaitwork. Prerequisites: Permission of Head of Department.
(2 lectures per week)

Maori Studies Stage III Level

The language papers 04.306 and 04.307 are designed to be taken together and students should enrol in them concurrently.

04.302 Topics in Contemporary Maori Society
A survey of current Maori institutions, social groupings and events. Prerequisite 04.101 or Anthropology 03.102; corequisite 04.202 or Anthropology 03.200 or 03.202 or 03.211 or permission of Head of Department.
(2 hour lecture and discussion)
Note: The same paper is offered as Anthropology 03.306.

04.303 Special Topic in Maori Studies
In 1980: Maori Oratory Whaikoorero and te kawa o te marae. Prerequisite Permission of the Head of Department.
Faculty of Arts, Prescriptions, Linguistics

†04.304 Maori Poetry and Song

04.305 Languages of Polynesia
A comparative-historical survey. Prerequisite 83.103 or 04.100 or permission of the Head of Department.
(2 lectures per week)
The same paper is offered as Linguistics 83.303.

04.306 Third Year Maori Language: Structure and Prescribed Texts
Prerequisites: 04.204 and 04.205, or permission of Head of Department
(2 hour lecture)

04.307 Third Year Maori Language: Oral and Written Skills
Prerequisites: 04.204 and 04.205, or permission of Head of Department
(1 hour language laboratory, 1 hour workshop, 1 hour oral tutorial)
Note: Not available to those who have passed 04.201 in a previous year.

Maori Studies for MA and Honours
The course of study for every student must be approved by the Head of Department. A candidate must present four papers and a thesis (04.601) counting as three papers. Up to two papers listed under Stage III level Maori Studies, if not credited for a BA degree, may be offered as papers for an MA.

04.400 A topic in Maori language
In 1980: Recent developments in the study of Maori and Polynesian grammar.

04.401 A topic in Maori Literature
04.402 A topic in Maori Culture and Society
04.601 Thesis

LINGUISTICS
No Linguistics course may be taken externally.

Linguistics Stage I Level
83.102 Introduction to Descriptive Linguistics
Restriction: 83.101, 83.100
(2 lectures per week)

83.103 Introduction to Historical and Comparative Linguistics
Corequisites: 83.102, or permission of Head of Department. Restriction: 83.200.
(2 hours per week)

Linguistics Stage II Level
†83.202 Sociolinguistics
The study of language in its social context. Prerequisite: 83.102
(2 hour lecture)

83.203 Phonology
Phonological and phonetic theory. The study of sound systems and rules. Course work will include practical problems of analysis.
Prerequisite 83.100 or 83.102.
(2 hour lecture.)

83.204 Grammatical Analysis
The theory of grammar. Types of grammatical systems. Descriptive problems in morphology and syntax.
Prerequisites 83.101 or 83.102.
(1 hour lecture.)
Linguistics Stage III Level

†83.300 Recent Trends in Grammar
Enrolment by permission of the Head of Department.
(1 hour lecture)

†83.301 Special Topic in Linguistics
Enrolment by permission of the Head of Department.

†83.302 Special Topic in Linguistics
Topic to be announced
Enrolment by permission of Head of Department
(2 hour tutorial)

83.303 Languages of Polynesia
A comparative-historical survey. Prerequisite 83.103 or 04.100 or permission of the Head of Department.
(2 hours per week)
The same paper is offered as Maori Studies 04.305

†83.304 The History of Linguistics
A survey of the development of linguistic thought, with particular emphasis on the 20th century.
Prerequisite: Enrolment by permission of the Head of Department.
(1 hour lecture)

83.305 Linguistic Analysis of Literature
Enrolment by permission of the Head of Department.
For prescription see under English 18.303

83.306 Philosophy of Language
Enrolment by permission of the Head of Department.
For prescription see under Philosophy 29.202.

83.307 Phonology and New Zealand Speech
For prescription see under English 18.304.
Prerequisites 83.100 or 83.102 and permission of the Head of Department.

Linguistics for MA and Honours

The course of study of every student must be approved by the Head of Department. A candidate must present four papers and a thesis (83.601) counting as two papers.
A candidate who has passed three papers at Stage III level in the subject Maori Studies or in a language subject other than English and five papers in Linguistics may proceed to MA in Linguistics with the permission of Senate upon recommendation of the Head of Department. Up to two papers listed under Stage III Linguistics or Maori Studies, if not credited for a BA degree, may be offered as papers for an MA.

†83.400 A Topic in Descriptive Linguistics

†83.401 A Topic in Descriptive Linguistics

†83.402 A Topic in Sociolinguistics
Faculty of Arts, Prescriptions, Art History, Asian Languages (Chinese)

†83.403 A Topic in Comparative Linguistics

83.601 Thesis

*This paper will not be taught during the current Calendar year.

† This paper will not be taught during the current Calendar year unless sufficient staff is available.

DEPARTMENT OF ART HISTORY

For Art History prescriptions for BA, BFA, MFA see Index.

Art History for MA and Honours

(Four papers and a thesis (19.601) which counts as three papers).

Either:

(a) Four papers from 19.400 to 19.408,

or

(b) Three papers from 19.400 to 19.408 and one paper from the options prescribed for Stage III Art History.

or

(c) Two papers from 19.400 to 19.408 and two papers from the options prescribed for Stage III Art History.

19.400 Topics in 17th Century Drawing.

19.401 Topics in Australian and New Zealand Painting (Advanced)

†19.402 Special Topic in Western Art before 1600, to be prescribed by the Head of Department.

†19.403 Watteau and his Sources and Influences.

*19.404 Film Studies.

†19.405 Nicolas Poussin and 17th Century Classicism.

Note: A candidate who has been credited with a pass in paper 19.303 may not take this paper.

19.406 Art Historiography

19.407 A Topic in Mediaeval Art

19.408 A Topic in 19th Century Art

The thesis (19.601) shall not exceed 30,000 words, and two copies must be handed in to the Registrar, not later than 1 November.

The subject for the thesis shall be chosen in consultation with the Head of the Department. Book lists will be distributed at the beginning of the year.

* This paper will not be taught during the current Calendar year.

† This paper will not be taught during the current Calendar year unless sufficient staff is available.

DEPARTMENT OF ASIAN LANGUAGES AND LITERATURES

Chinese I

Four hours of lectures and two hours of tutorials in modern Chinese a week. Papers 48.100, and 48.101 are linked.

A candidate’s result in the final examination will be determined over 2 papers and an oral test.

48.100 Language Acquisition: Modern Chinese.

Written and oral expression in Chinese tested in some or all of the following ways: translation, comprehension, conversation, dictation, reading, comments on grammar. The script used for this paper will be pinyin.
Introduction to Written Chinese. This subject will be tested in some or all of the following ways: Translation of prescribed texts, translation of unseen texts, transliteration of *pin yin* texts into Chinese characters.

48.102 Literature Formative of the Chinese Tradition
A study in English translation of the Chinese Classics together with other Confucian, Taoist, Legalist, Mo-ist and Buddhist texts fundamental to the Chinese tradition.

**Chinese II**

Four hours of lectures in modern and classical Chinese and two hours of tutorials in modern Chinese a week. Papers 48.200, 48.201, 48.202 are linked. A candidate's result in the final examination will be determined over 3 papers and an oral test.

48.200 Translation at Sight from and into Chinese.
48.201 Translation of and Comments on Prescribed Modern Texts.

**Chinese III**

Four hours of lectures in Modern and Classical Chinese and two hours of tutorials in Modern Chinese per week. Papers 48.300, 48.301, 48.302 are linked. A candidate's result in the final examination will be determined over 3 papers and an oral test.

48.300 Translation at Sight from and into Chinese.
48.301 Translation of and Comments on Prescribed Modern Texts.

With the approval of the Head of Department certain papers prescribed for Chinese MA and Honours may be selected as additional Stage III level papers.

**Chinese for MA and Honours**

_Students intending to enrol for MA must consult the Head of the Department towards the end of the previous year to discuss optional papers and to obtain advice on vacation reading._

Twelve hours per week of lectures and tutorials. (Six papers comprising 48.400 and 48.401 and four others, together with a dissertation (48.604) of 10,000 words or more on a selected topic for which Chinese sources will be used).

48.400 Translation at Sight into Chinese and Free Composition.
48.401 Translation at Sight from Chinese Modern and Pre-Modern Texts together with Questions on Chinese Bibliography.
48.402 Translation of and Comments on Prescribed Literary Texts.
48.403 Translation of and Comments on Prescribed Historical Texts.
48.405 Chinese Poetry of the Tang and Song Dynasties.
48.406 A Study of the Philosophers of Ancient China, with Special Reference to the *Analects of Confucius* and the *Daode Jing*.
48.407 A Study of Neo-Confucianism with Special Reference to Zhu Xi and Wang Yangming
48.408 A Special Study on Chinese Buddhist Literature.
48.409 The Political, Religious and Social Background to the Literature of the Zhou Dynasty.
48.410 Historical Literature of the Zhou Dynasty with Special Reference to the *Chungju Zuo Zhuan*
48.411 The Novel in Imperial China, with Special Reference to the Sanguo Zhi Yanyi and the Rulin Waishi
48.412 The modern Novel, with Special Reference to Lu Xun and Mao Dun
48.413 Traditional Chinese Drama, with Special Reference to the Xixiang Ji.
48.414 Modern Drama, with Special Reference to the Plays of Cao Yu.
48.415 A Study of Newspaper and other Non-Literary Forms of Modern Chinese.
48.416 An Approved Topic.
48.417 A study of Chinese poetry, traditional and modern.

Every candidate will be required to pass an examination on the oral use of the language. In determining the class of Honours, the candidate's performance in the written papers, the dissertation, the oral examination and in coursework will be taken into consideration.

The attention of students who intend to enrol for MA is drawn to Regulation 6 of the General Provisions for the Degree of Master of Arts.

Note: There is no guarantee that all the papers listed above will be available in any one year.

**Indonesian I**

80.100 and 80.101 Modern Spoken Indonesian 1 and 2.
Written and oral expression in Indonesian, tested in some or all of the following ways: translation, comprehension, conversation, dictation, reading, comments on grammar, language laboratory work. The two papers are linked.
Four hours of lectures and two hours of tutorials per week.

80.103 Indonesian literatures and civilizations.
A survey of social, religious and intellectual forces which have contributed to the formation of Indonesian literatures.
Papers 80.100 and 80.101 are linked. Paper 80.103 is open to any interested student, whether or not he or she is studying the Indonesian language.

**Indonesian II**

80.200 Advanced spoken Indonesian.

80.201 Translation of and comments on prescribed Indonesian novels, short stories and essays, together with questions on the development of Indonesian prose-writing.

80.202 Translation of and comments on selected Indonesian poems, together with questions on the development of Indonesian poetry.
Papers 80.200, 80.201 and 80.202 are linked. A candidate's result in the final examination will be determined over three papers and an oral test.

**Indonesian III**

Candidates must take either 80.300, 80.301 and 80.302. The papers are linked. A candidate's result in the final examination will be determined over three papers and an oral test. 80.305 is a prerequisite for 80.407.

80.300 Translation at sight of passages of Indonesian non-literary prose and translation at sight into Indonesian.

80.301 Translation of and comments on prescribed classical Malay prose and poetry texts, some in Jawi script, and questions on the history of Classical Malay literature.

80.302 Translation of and comments on the prose of a particular Indonesian author.

80.305 Introduction to the comparative study of Indonesian languages.
With the approval of the Head of Department certain papers prescribed for Indonesian MA and Honours may be selected as additional Stage III level papers.

**Indonesian for MA and Honours**

Students intending to enrol for MA must consult the Head of the Department towards the end of the previous year to discuss optional papers and to obtain advice on vacation reading.
Twelve hours per week of lectures and tutorials. (Six papers comprising 80.400, 80.401, and 80.402 and three others, together with a dissertation (80.604) of 10,000 words or more on a selected topic for which Indonesian sources will be used.)

80.400 Translation at sight from and into Indonesian and free composition.

80.401 A study of modern Indonesian literature with special reference to the problems of literary criticism.

80.402 A study of selected classical Malay texts.

80.404 An introduction to textual criticism with special reference to classical Malay.

80.405 Muslim mysticism in classical Malay literature.

80.406 An introduction to the structural analysis of Indonesian/Malay.

80.407 A study of another Indonesian language.

80.409 An approved special topic in Indonesian/Malay language, literature or thought.

Every candidate will be required to pass an examination on the oral use of the language. In determining the class of Honours, the candidate's performance in the written papers, the dissertation, the oral examination and in course work will be taken into consideration.

The attention of students who intend to enrol for MA is drawn to regulation 6 of the General Provisions for the Degree of Master of Arts.

Note: There is no guarantee that all the papers listed above will be available in any one year.

Japanese I

Many students enrolling for Japanese I have studied Japanese previously at school. They will receive four hours of lectures and two hours of tutorials per week. Students enrolling without a previous knowledge of the subject may receive a total of seven hours of teaching per week.

A candidate's result in the final examination will be determined over 2 papers and an oral test. Papers 81.100 and 81.101 are linked.

81.100 Translation at Sight from and into Japanese.

81.101 Introduction to the Japanese Language.

Basic spoken and written Japanese. Candidates will be examined on the prescribed textbooks.

81.102 Japanese Literature in Translation

A survey of Japanese literature in English translation from earliest times to the modern period. Papers 81.100 and 81.101 are linked. Paper 81.102 is open to any interested student, whether or not he or she is studying Japanese language.

Japanese II

Four hours of lectures and two hours of tutorials in modern Japanese per week. Papers 81.200, 81.201, and 81.202 are linked.

A candidate's result in the final examination will be determined over 3 papers and an oral test.

81.200 Translation at Sight from and into Japanese

81.201 Intermediate Japanese

This paper will be a continuation of 81.101. Candidates will be examined on the prescribed textbooks.

81.202 Language Acquisition: Modern Japanese

Written and oral use of Modern Japanese tested in some or all of the following ways: translation, composition, comprehension, conversation, dictation, reading, and grammar.

Japanese III

Four hours of lectures and two hours of tutorials in Japanese per week. Candidates must take either 81.300, 81.301 and 81.302 or 81.300, 81.301 and 81.303. The groups of papers are linked. A candidate's result in the final examination will be determined
over three papers and an oral test. 81.300, 81.301 and 81.302 are prerequisites for the MA degree. Students may take 81.303 as a fourth paper in addition to 81.300, 81.301 and 81.302. As a fourth paper 81.303 must be passed with a minimum mark of 50%.

81.300 Translation at Sight from and into Japanese
81.301 Translation of and Comments on Prescribed Modern Texts
81.302 Translation of and Comments on Prescribed Classical Texts together with Questions on the History of Japanese Literature
81.303 Modern Japanese
Written and oral use of Japanese utilising selected non-literary texts. The tests will be based upon the materials covered.
With the approval of the Head of Department certain papers prescribed for Japanese MA and Honours may be selected as additional Stage III level papers.

Japanese for MA and Honours
Students intending to enrol for MA must consult the Head of the Department towards the end of the previous year to discuss optional papers and to obtain advice on vacation reading.
Prerequisite: Eight papers in Japanese including 81.300, 81.301 and 81.302.
Students are strongly advised to take 81.102 and 81.302 as part of their BA degree.
Twelve hours of lectures and tutorials. (Six papers comprising 81.400 and 81.401 and four others, together with a dissertation (81.604) of 10,000 words or more, on a selected topic for which Japanese sources will be used, or an annotated translation of a Japanese text).

81.400 Translation at Sight into Japanese and Free Composition
81.401 Translation at Sight from Modern Japanese Texts together with Questions on Japanese Bibliography
81.402 Translation of and Comments on Prescribed Modern Prose
81.403 Translation of and Comments on Prescribed Classical Prose
81.404 Translation of and Comments on Selections from Japanese Poetry.
81.405 Translation of and Comments on Selections from Japanese Drama
81.406 Special Study of either a Particular Classical Text or Body of Texts, or of a Modern Author.
81.407 Translation of and Comments on Modern Non-Literary Texts including Selections from Newspapers and Periodicals
Every candidate will be required to pass an examination on the oral use of the language. In determining the class of Honours, the candidate’s performance in the written papers, the dissertation, the oral examination and in coursework will be taken into consideration.
The attention of students who intend to enrol for MA is drawn to Regulation 6 of the General Provisions for the Degree of Master of Arts.
Note: There is no guarantee that all the papers listed above will be available in any one year.

BIOLOGY FOR BA
This is a stage I course for students who do not plan to take a science degree. The course is intended as a general survey of the biological sciences, with elementary chemistry, physics and mathematics being introduced as necessary. The course cannot be used as a prerequisite for advanced Botany or Zoology. Weekly attendance at one 2-hour laboratory is required. Enrolment is through the Zoology Department at the allotted time for Science courses. Prospective students are advised to consult the Zoology Department prior to enrolment. The two courses in the Biology for Arts series are taught in alternate years.

*39.111 Unifying Concepts in Biology
Taught during 1979.
Cell Structure: Energy relationships: photosynthesis and respiration; Molecular Biology: control of synthesis of nucleic acids, proteins and macromolecules; Genetics: mechanisms of heritance: Physiology.

39.112 Biological Diversity and Function

DEPARTMENT OF CLASSICS AND ANCIENT HISTORY

The Department of Classics and Ancient History includes six subjects: Latin, Greek and Ancient History are taught to MA with Honours level, Classical Studies, Biblical History and Literature and Hebrew at Stage I only.

Hebrew II and Biblical History and Literature II will not be available until further notice. Students should note that in the Classics and Ancient History Department most of the language papers at Stages I and II, and the basic papers at Stage III, are normally linked to other papers and must be taken, and passed, concurrently: the Ancient History papers may all be taken individually by students with the necessary prerequisites and corequisites, but students wishing to advance beyond Stage I should plan their courses carefully in consultation with a member of staff.

An MA with Honours in Latin and Greek (Combined Honours) requires that students pass Latin III and Greek III before enrolling in their MA year. Students planning this course should therefore start Latin and Greek together in their first year. Students who have taken the scholarship papers in Latin or Greek or who are sufficiently advanced in their studies may be enrolled for Stage II papers in place of Stage I papers. Such students should see the Head of Department at the earliest possible date.

One paper in Elementary Latin (09.102) is now available for those students who have not passed U.E Latin. It is intended that students with no Latin at all should be able to take this course, which is designed to lead on to Latin in a subsequent year, as well as to equip a student with the linguistic knowledge required for reading the documentary source materials needed for Ancient and Medieval History and for Renaissance Studies in many subjects.

Students who intend to advance to MA with Honours in Latin or Greek are strongly advised to enrol for the other as well in their first year. The prerequisites are stated in the MA Degree Course Regulations.

Students who intend to advance to Stage III in Ancient History are required to cope with documents in an ancient language, and must pass a prerequisite paper before enrolling for Stage III. The prerequisite paper for Paper 12.300 is 12.210, for 12.302 10.100, for 12.303 09.102. After 1977 all students must fulfil these prerequisites. Students who wish to take the Greek or Latin options at MA are advised to enrol in Greek or Latin papers in their first year, and do more than the prerequisite minimum. As much of the scholarly work on Ancient History (especially Egyptian and Akkadian subjects) is in foreign languages, students planning to take these options should enrol for German I and French I papers, in their first year preferably. Students should note that Greek III and Latin III may be used as the Stage III prerequisite to Ancient History MA with Honours provided that six Ancient History papers have been passed (see the MA Degree Course Regulations).

Students who intend to take Latin or Greek are advised that Ancient History papers, at least in the field relevant to their language, will be most useful, especially for those advancing beyond Stage I, since outlines of Roman (Greek) History are now no longer taught within the language courses. Students considering enrolling for any subject in the Department are strongly advised to come and see a member of staff during the pre-enrolment period. External students should consult the Department as early in the year as possible.

Note:
* This paper will not be taught during the current Calendar year.
† This paper will not be taught during the current Calendar year unless sufficient staff is available.
Latin I

(Four hours per week for papers 09.100 and 09.101, which are linked if taken concurrently).

09.100 Prescribed books
Books, or groups of work, will be set; candidates will be given passages to translate, and questions will be asked on points of grammar and syntax and on prosody where relevant, and on the content of the books and their literary and historical background and on relevant Roman institutions.

09.101 Translation and Language
(i) (50%) Translation at sight from Latin. A passage, or passages of Latin prose or verse or both will be set for Translation from Latin into English.
(ii) (50%) Either One passage of prose for translation from English into Latin. Or Sentences or passages of Latin for detailed linguistic and syntactical analysis. The coursework for this option will include writing Latin, but formal prose composition will not be required.

09.102 Elementary Latin
(Two hours per week)
This paper is not linked to Latin 09.100 and 09.101 and may not be taken in the same year. Entry to this course for credit is restricted to those who have not passed UE Latin, or an equivalent examination. Others may apply to the Head of Department for permission to take this paper and not 09.100, 09.101.
A pass in the course is intended to enable students to:
(a) read classical documents as required for Paper 12.303
(b) read medieval documents as required for Papers in Medieval History
(c) enrol for Latin Papers 09.100, 09.101 in the following year.

Latin II

(Five hours per week. Papers 09.200, 09.201 and 09.202 are linked). Prerequisite 09.100, 09.101 unless direct entry is approved.

09.200, 09.201, 09.202
(i) Prescribed Books:
Books, or groups of works, will be set; candidates will be given passages to translate, and questions will be asked on points of grammar and syntax and on prosody where relevant, and on the content of the books and their literary and historical background, and on relevant Roman institutions.
(ii) Reading courses in Latin Literature:
Two courses of reading each on a prescribed subject connected with one of the set books; each course will be examined (i) by a coursework essay and (ii) by a number of passages for translation and comment in a formal examination.
(iii) Roman History:
Passages from specified works for translation and comment in examination and a coursework essay.
(iv) Unprepared Translation:
A passage, or passages, of prose and verse will be set for translation from Latin into English.
(v) Grammatical and Syntactical Analysis or Composition: A portion or portions of an author or authors will be prescribed for detailed study. There will be coursework exercises, which may include the writing of sentences in Latin, and a final examination. Candidates with scholarship Latin or comparable previous experience may offer as an alternative a course in Composition comprising coursework passages for translation into Latin, and in examination conditions.
The proportion of the marks awarded on coursework and the detailed requirements will be announced at the beginning of the year.

**Latin III**

(Five hours per week. Papers 09.300, 09.301 and 09.302 are linked; for the remaining papers see under each paper).
Prerequisites 09.200, 09.201, 09.202.

**09.300, 09.301, 09.302**

(i) Prescribed books:
As for Latin II
(ii) Reading courses in Latin Literature:
As for Latin II
(iii) Roman History.
As for Latin II
(iv) Latin Language.
History of the Latin Language from earliest times to the Augustan Age.
(v) Unprepared Translation.
As for Latin II.
(vi) Composition.
A number of passages will be set for translation into Latin. These will include coursework exercises and a final examination.
A higher standard of work will be expected for Latin III in all sections of these papers. The proportion of the marks available which will be allotted to coursework and the detailed requirements will be announced at the beginning of the year.

**09.303 Advanced Prose Composition or Verse Composition.**
(One hour per week).
Prerequisite 09.300, 09.301, 09.302 for prose composition. For verse composition, permission of Head of Department.
Passages will be set for translation into Latin. A proportion of the marks available will be allotted to coursework.

**09.304 A Subject or Subjects in Latin Poetry.**
(One hour per week). (Restricted entry).
Corequisite 09.300, 09.301, 09.302.
The works (or selections of the works) of an author or authors will be set for translation and comment or criticism. The author(s) will normally be as for paper 09.402 or part of it, and students who offer this paper will not be able to offer 09.402 at MA and Honours level unless there has been a change of syllabus.

**09.305 Literary Topic**
(One hour per week). (Restricted entry).
Corequisites as for 09.304.
The topic will normally be as for paper 09.402 or 09.406 (or part thereof) and students who offer this paper will not be able to offer that paper at MA and Honours level unless there has been a change of syllabus.

**09.306 Latin Language**
(One hour per week). (Restricted entry).
Corequisites as for 09.304.
More advanced Latin Language. The syllabus will be as for paper 09.404; students who offer this paper will not be able to offer paper 09.404 at MA and Honours level unless there has been a change of syllabus.

1980 Calendar
09.307 Roman History.
(One hour per week). (Restricted entry).
Corequisites as for 09.304.
A period of Roman History to be studied with Latin texts. The syllabus will be as for paper 09.405; students who offer this paper will not be able to offer paper 09.405 at MA and Honours level unless there has been a change of syllabus.

09.308 Pax Romana
(Two hours per week). Paper 12.203 restricted.
(Syllabus as for 12.203).
Note: For papers marked Restricted entry (09.304 — 09.307) permission of the Head of Department is required to enrol; permission will normally be granted if there is an Honours candidate wishing to take the equivalent paper.

Latin for MA and Honours

Honours in Latin (six papers)
Candidates must offer papers 09.400, 09.401 and four others, the selection to be approved by the Head of Department.
Except for paper 09.401 there are no special paper prerequisites, though there are certain restrictions.
Prerequisite: Eight papers in Latin, including 09.300-09.302.

09.400 Unprepared Translation of Latin Prose and Verse

09.401 Prose Composition or Verse Composition.
Passages of English Prose or Verse for translation into Latin. Some passages will be assessed as coursework. In a final examination one passage will be set for prose composition, either one or two shorter passages or a choice of passages will be set for verse composition. Candidates may not offer verse composition unless they have already taken and passed the verse option in paper 09.303.

09.402 Latin Poetry
(09.304 or 09.305 restricted without syllabus change).
Two subjects will normally be set with reference to prescribed texts. The examination will consist of passages for translation, and candidates will be required also to write commentaries on a choice of passages or at least one essay, or both. Passages may also, or alternatively, be set for practical criticism.

09.403 Latin Prose Writers
Two subjects will normally be set with reference to prescribed texts. The examination will consist of passages for translation, and candidates will be required also to write commentaries on a choice of passages or at least one essay, or both.

09.404 Latin Language
(09.306 restricted without syllabus change).
Either Vulgar Latin
The phonology, morphology, syntax and vocabulary of Vulgar Latin, as seen in the set texts. Comparison with inscriptional texts will be made where relevant. A knowledge of the history and literary background and significance of the set texts will also be required.
Or Early Latin
The phonology, morphology, syntax and vocabulary of Early Latin as seen in the set texts. Comparison with inscriptional texts will be made where relevant. A knowledge of the sources and characteristics of Plautine comedy will also be required.

09.405 Roman History
(09.307 restricted without syllabus change).
A subject with reference to the original Latin sources; candidates will be required to translate and comment on a selection of passages, and to write essays chosen from a selection.
Faculty of Arts, Prescriptions, Classics & Ancient History (Greek)

09.406 A Subject in Latin Literature to be prescribed by the Head of Department
An author or group of similar authors will be chosen for special study. Candidates will read widely in the prescribed texts and be expected to translate passages, and write commentaries and essays on the subject matter of the texts and on their literary genre.

09.407 A Subject to be proposed by the student and approved by the Head of Department
The subject may be literary, philological, historical or philosophical and must be approved not later than 31 December of the year preceding enrolment.

Combined Honours (Languages and Literature)
See MA Degree Course Regulations.

Greek I
Papers 10.100, 10.101 are linked. Four lectures per week throughout the year.

10.100 Prescribed texts with grammatical study
Texts will be prescribed for reading; translation of passages will be required in examination, and questions will be set which will require a candidate to show an understanding of the grammatical and syntactical usages in the texts.

10.101 Prescribed Texts with Grammatical Study
A different group of texts from 10.100 may be set.

Greek II
(Five hours per week). Papers 10.200, 10.201 and 10.202 are linked.
Prerequisites 10.100, 10.101 or direct entry.

10.200, 10.201, 10.202
(i) Prescribed Books
Books or groups of works will be set; candidates will be given passages to translate, and questions will be asked on points of grammar and syntax and on prosody where relevant, and on the content of the books and their literary and historical background, and on relevant Greek institutions.
(ii) Reading courses in Greek Literature.
Two courses of reading, each on a prescribed subject connected with one of the set books. Each course will be examined (i) by a coursework essay and (ii) by a number of passages for translation and comment in a formal examination.
(iii) Greek History with reference to specified texts.
Passages for translation and comment in examination and a coursework essay.
(iv) Unprepared Translation.
Passages of Greek Prose and Verse will be set for translation into English.
(v) Grammatical and Syntactical Analysis or Composition. A portion or portions of an author or authors will be prescribed for detailed study. There will be coursework exercises which may include writing of sentences in Greek and a final examination. Candidates with Scholarship Greek or comparable previous experience, may offer as an alternative a course in Composition comprising coursework passages for translation into Greek, and in examination conditions.

Greek III
(Five hours per week for papers 10.300, 10.301, 10.302; for the remaining papers see under each paper). Papers 10.300, 10.301 and 10.302 are linked.
Prerequisite papers 10.200, 10.201, 10.202.

10.300, 10.301, 10.302
(i) Prescribed Books
As for Greek II
(ii) Reading courses in Greek Literature.
Two courses of reading each on a prescribed subject connected with one of the set books. As for Greek II.
(iii) Greek History.
As for Greek II
Or
Philosophy
The philosophy of Plato with special reference to one or more dialogues.
A coursework essay and passages for translation and comment in examination conditions.
(iv) Greek language. The Homeric dialect, including discussion of the Homeric hexameter, and a portion of Homer for special study.
Translation of a passage and questions on the dialect will be set in a formal examination.
(v) Unprepared Translation
As for Greek II
(vi) Composition.
A number of passages will be set for translation into Greek; these will include coursework exercises and a final examination.
A higher standard of work will be expected for Greek III in all sections of these papers.
The proportion of the marks available which will be allotted to coursework will be announced at the beginning of the year.

10.303 Advanced Prose Composition or Verse Composition
(One hour per week).
Prerequisite: 10.300-10.302.
Passages will be set for translation into Greek. A proportion of the marks available will be allotted to coursework.

*10.304 Greek Poetry
(One hour per week). (Restricted entry).
Corequisite 10.300-10.302.
Translation of pieces of Greek poetry from specified texts; passages may also be set for comment and a selection of essays will be set.

10.305 Literary Topic
(One hour per week). (Restricted entry).
Corequisite 10.300-10.302.
Translation of passages from prescribed texts. Passages may also be set for comment, and a selection of essays will be set.

10.306 Greek History
(One hour per week). (Restricted entry).
Corequisite 10.300-10.302.
Syllabus as prescribed for paper 10.405, which is restricted unless there has been a change of syllabus. May not be offered with 10.307.

10.307 Greek Philosophy
(One hour per week). (Restricted entry).
Corequisite 10.300-10.302.
Syllabus as prescribed for paper 10.406, which is restricted unless there has been a change of syllabus.
May not be offered with 10.306.

10.308 Greek Language
(One hour per week). (Restricted entry).
Corequisite 10.300-10.302
Syllabus as prescribed for paper 10.404, which is restricted unless there has been a change of syllabus.

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10.309 Greece and Persia
(Two hours per week).
Corequisite 10.300-10.302.
Syllabus as prescribed for paper 12.202, which is restricted.
Note: For papers marked Restricted entry (10.304-10.308) permission of the Head of Department is required to enrol; permission will normally be granted if there is an Honours candidate wishing to take the equivalent paper among 10.404-10.408.

Greek for MA and Honours
Candidates must offer papers 10.400 and 10.401 and four others, the selection to be approved by the Head of Department. Except for paper 10.401, there are no special paper prerequisites, though there are certain restrictions.
Prerequisite: Eight papers in Greek, including 10.300-10.302.

10.400 Unprepared Translation
Passages of prose and verse will be set for translation into English.

10.401 Prose Composition or Verse Composition.
Passages will be set for translation into Greek. The verse option in paper 10.303 is prerequisite for verse composition. For each option, some passages will be assessed as course work and one passage will be set for final examination.
The proportion of the marks allocated to coursework will be announced early in the year.

10.402 Greek Poetry
A subject or subjects will be set with reference to prescribed texts. In the final examination candidates will be required to translate passages and may be required to comment on a selection of other passages; they will also be required to write at least one essay.

10.403 Greek Prose Writers
A subject or subjects will be set with reference to prescribed portions of the authors to be studied. In the final examination candidates will be required to translate passages and may be required to comment on a selection of other passages; they will also be required to write at least one essay.

10.404 Greek Language
(Paper 10.308 restricted unless there has been a change of syllabus.)
An advanced study of one or more Greek dialects with special reference to prescribed texts.

10.405 Greek History
(Paper 10.306 restricted unless there has been a change of syllabus).
A subject in Greek History with reference to prescribed sources.
Permission of the Head of Department is required to take both this paper and 10.406.

10.406 Greek Philosophy
(Paper 10.307 restricted unless there has been a change of syllabus).
A subject in Greek Philosophy with reference to prescribed texts.
Permission of the Head of Department is required to take both this paper and 10.405.

10.407 A Subject in Greek Literature to be prescribed by the Head of Department.
An author or group of similar authors will be chosen for special study. Candidates will read widely in the prescribed texts and be expected to translate passages, write commentaries and essays on the subject matter of the texts, and on their literary genre.

10.408 A subject to be proposed by the student and approved by the Head of Department.
The subject may be literary, philological, historical or philosophical and must be approved not later than 31 December of the year preceding enrolment.

Combined Honours: (Languages and Literature) See MA Degree Course Regulations.

CLASSICAL STUDIES

*73.102 Epic and Pastoral
(Two hours per week)
Epic will be taught for the first sixteen weeks of the course and Pastoral for the remaining eight weeks. The principal authors to be studied will be Homer and Virgil (Aeneid) and in Pastoral Theocritus and Virgil (Eclogues).

Note: This paper will be taught in 1979 and at three-yearly intervals.

*73.103 Comedy and Satire
(Two hours per week)
Each topic will occupy half the course. Plays from Aristophanes, Plautus and Terence will be studied in the comedy section and the main authors in the satire section will be Horace and Juvenal.

73.104 Tragedy and Literary Criticism
(Two hours per week)
Tragedy will occupy the first sixteen weeks of the course, and Literary Criticism the remaining eight weeks. In Tragedy, plays of the Greek dramatists Aeschylus, Sophocles and Euripides will be read together with those of Seneca. Literary Criticism will consist of a study of Aristotle’s Poetics and Horace’s Art of Poetry.

ANCIENT HISTORY

Ancient History I

12.100 Near Eastern History.
(Two hours per week). (Restricted 11.100).
This paper is prerequisite to 12.200 and 12.201.
An outline history of the ancient civilisations of Egypt, Mesopotamia and Israel from neolithic times to Alexander the Great; the course will include artistic and cultural questions, and the civilisations of Anatolia, Syria and Iran will be considered in less detail.

12.102 Greek History
(Two hours per week)
This paper is normally prerequisite to paper 12.202.
An outline of Greek History from the Mycenaean Age to the Peace of Apamea (188 BC). Special attention will be paid to social and cultural questions and some attention will be given to the intellectual history of the period.

12.103 Roman History.
(Two hours per week).
This paper is normally prerequisite to paper 12.203.
An outline of Roman History from the earliest times till the foundation of Constantinople. Particular attention is paid to the Romans’ achievement in government and in spreading civilisation and culture.
For all Stage I papers tutorial classes will be arranged.

Ancient History II

12.200 Egyptian History
(Two hours per week).
Prerequisite 12.100 or 11.100.
This paper is prerequisite to 12.300; one of 12.102 or 12.103 is corequisite.
Students planning to advance to 12.300 must take paper 12.210 with this paper. Egypt in the XVIIIth Dynasty (c. 1570-1320 B.C.). This course concentrates on the internal organisation and foreign policy of the kings of this dynasty.

12.201 Mesopotamian History
(Two hours per week).
Prerequisite 12.100 or 11.100
This paper is prerequisite to 12.301; one of 12.102 or 12.103 is corequisite.
Students taking this paper are advised to take paper 12.211 with it; when papers 12.301 and
12.501 become available, paper 12.211 will be necessary for them, but neither paper is available till further notice. In 1979 only this paper, taken with language, may be used as the equivalent of a Stage III paper.

The Neo-Assyrian Empire (c. 884 — 612 B.C.).
This course will include a study of the Assyrian State, the aims, methods and historical importance of Assyrian imperialism, and its reflection in art, literature and religion. Special attention will be paid to contemporary documents.

The Department will provide copies of contemporary documentary material for those taking the Akkadian language option.

12.202 Greek History
(Two hours per week).
Prerequisite normally 12.102 or Greek II.
This paper is prerequisite to 12.302; one of 12.100, 11.100, or 12.103 is corequisite.
Students planning to advance to paper 12.302 must enrol for Greek I.

Greece and Persia (c. 546 — 323 B.C.)
This will involve a study of Herodotus' history and the first Persian War, the Greek counter-measures and the organisation of the Athenian Confederacy, Persian interventions in Greek inter-state struggles in the fifth and fourth centuries, and Alexander's anabasis. Documents will include public materials, decrees, and financial documents.

12.203 Roman History
(Two hours per week).
Prerequisite normally 12.103 or papers in either Latin II, or Latin I with approved History papers. This paper is prerequisite to 12.303; one of 12.100, 12.102 or 11.100 is corequisite.

The Pax Romana, with special reference to the first three centuries AD.
This will involve a study of Imperial Roman society — (the satirists' picture and other criteria), Roman Central and Provincial government, and their attitudes to their neighbours; social and economic problems in the empire and the intellectual and religious cross-currents. Documents will include careers, public memorials, edicts and records of public benefactions.

12.210 Egyptian Language and Documents
(Two hours per week).
Prerequisite 11.100 or 12.100
This paper is prerequisite to 12.300 and 12.500; one of 12.102 or 12.103 is corequisite. The Egyptian Language, with special reference to Documents of the XVIIIth Dynasty and hieroglyphic writing.

12.211 Akkadian Language and Documents
(Two hours per week).
Prerequisite 11.100 or 12.100
This paper will be prerequisite to 12.301 and 12.501.
The Akkadian Language, with special reference to Documents of the Neo-Assyrian Empire and cuneiform writing.

Ancient History III
12.300 Egyptian History
(Two hours per week).
Prerequisites normally 12.200 and 12.210. This paper is prerequisite to 12.500.

Egypt from Dynasty V to Dynasty XI; (24th to 21st centuries B.C.).
A study of the decline of Old Kingdom Civilisation, the ferment of disillusionment and heart-searching which followed, and the re-establishment of an ordered government and society in the Middle Kingdom. The course will be based on Egyptian historical and literary documents in English translation, together with some selected passages in the original Egyptian.
*12.301 Mesopotamian History.
(Two hours per week).
Prerequisites normally 12.201 and 12.211: This paper will be prerequisite to 12.501.

*12.302 Greek History.
(Two hours per week).
Prerequisites normally 12.202 and 10.100. This paper is prerequisite to 12.502. The Ionian Greeks. The history of the Greek Cities of Asia Minor.

12.303 Roman History.
(Two hours per week).
Prerequisites normally 12.203 and 09.102 or Latin I or II. This paper is prerequisite to 12.503. Britain from the Iron Age to the Anglo-Saxons (c. A.D. 800).

12.304 Greek and Roman Historiography.
(Two hours per week).
Prerequisites normally 12.102, 12.103, one of 12.200-12.203. A study of the principal historians of Greece and Rome, their aims and methods. The authors' works are studied in English translations.

†12.312 Special Topic in Greek History
(Two hours per week).
Prerequisites normally 12.202 and 10.100. This paper may be used as a prerequisite to 12.502. The topic will be approved by the Head of Department by 31 December 1979; intending students should apply for a syllabus.

Ancient History for MA and Honours.
Three or four papers from 12.400, 12.402 — 12.414 in the first year, one of the special subjects 12.500, 12.510, 12.501, 12.511, 12.502, 12.512, 12.503, 12.513 in the second year together with a fourth paper from 12.400-12.414 if not taken in the first year, and an essay (12.603) or dissertation (12.604) on a subject approved by the Head of Department.
Prerequisites: Eight papers from 12.100 to 12.304 including three of 12.300-12.304 or substitutes approved by the Head of Department. Note that papers 12.500 — 12.503 all have individual prerequisites.

12.400 A topic in Near Eastern History after Alexander the Great.
The Jews in the Greco-Roman World. A study of the political and social developments in Judaea and the Diaspora, together with their cultural and ideological implications, from the Conquest of Alexander the Great to the outbreak of the First Revolt against Rome.

*12.402 A topic in Greek History after Alexander the Great.
The relations between Greeks and Romans from the end of the third century B.C. down to approximately A.D. 180. There are two main parts. The first deals with the political contacts and conflicts of the two peoples ending in the destruction of Corinth in 146 B.C. For this period the main literary sources are Polybius and Livy. The second main period begins with the reign of the Emperor Nero and deals more fully with the condition of Greece and the Greek cities of Asia Minor as revealed by the works of Plutarch and the letters of the Younger Pliny. This part of the course will also touch on the revival of Greek letters known as the “Second Sophistic”.

*12.403 A topic in Roman History
The later Roman Empire A.D. 193-337.
This course will include study of various developments — military, administrative, economic, religious, social — in a crucial period of change for the Roman Empire. Particular attention will be paid to the Severan period (A.D. 193-235).

12.404 A topic in the social history of the Ancient World.
The institution of slavery in the Ancient World. The paper considers the composition of the slave population at different periods, their numbers, employments and treatment; modes of liberation and the position of emancipated slaves; the impact of slavery on society, especially the family, farming, commerce and government; the causes of slave wars and revolts; slavery
and serfdom and the other part-slave part-free statuses, with special reference to debtors' contracts.

*12.405 A topic in the economic history of the Ancient World

12.406 Political Thought and Practice in the Ancient World
A study of the ideologies of the monarchies of the Near Eastern Kingdoms, the city-states of Greece and the Res Publica and Imperium of the Romans.

12.412 The Hellenistic World and The Heritage of Hellenism.

*12.414 The Family in the Ancient World
This course will consider the known sources of information about the family, including marriage customs, laws affecting kinship, property and succession in the ancient civilisations, and consider the importance of these for the history of the societies considered.

One paper as prescribed for Ancient History III not already taken at Stage III

One, or two papers from those prescribed for MA in another subject or subjects approved by the Heads of Department concerned.

12.409 A topic proposed by the student and approved by the Head of Department not later than 31 December of the year preceding enrolment.

The special subjects will be as follows:

12.500, 12.510 Egyptian History
Prerequisites 12.210 and 12.300
Subject for 1980: the Unity of Egypt.
A comparative study of the steps which led to the unification of Egypt at the beginning of the Old, Middle and New Kingdoms, and of the reasons for the de-centralization at the end of each kingdom. This subject involves a close study of relevant texts in the original Egyptian. In this and other special subjects the examination will consist of two papers, one on the texts, including transliteration (where relevant) and translation, and (where relevant) on linguistic questions and the tradition and veracity of the texts; the other on their historical significance.

*12.501, *12.511 Mesopotamian History
Prerequisites 12.211 and 12.301
Not available at present

12.502, 12.512 Greek History
Prerequisite 12.302 or 12.312 or Greek III
A period in Greek History with reference to specified texts.
The syllabus and prescribed texts will be as for Paper 10.405.
For the examination see paper 12.500.

12.503, 12.513 Roman History
Prerequisites Latin III or 12.303 with either Latin 09.102 or Latin I.
The syllabus and prescribed texts will be as for Paper 09.405.
For the examination see paper 12.500.

12.603 Research Essay

12.604 Dissertation

BIBLICAL HISTORY AND LITERATURE

Biblical History and Literature I

11.100 Near Eastern History.
(Lectures as for 12.100 plus 10 lectures and a test on Israel. Students who do not wish to advance to 12.200 or 12.201 may omit either the Egypt or the Mesopotamia lectures)
Corequisites 11.101, restricted 12.100
An outline of the history of Israel is placed in the context of a general survey of the history of the ancient Near East, thus providing the necessary background to the literature of the Jewish people.
This paper may be used as a prerequisite to all Ancient History papers for which 12.100 is
prerequisite provided that a piece of work in the relevant area has been presented in coursework or examination.

(Two hours per week).
Corequisite 11.100, which normally must be taken concurrently or passed before enrolment in this paper.
A survey of the biblical literature of the period illustrating the different forms of literature in the Old Testament; a special study of the books of Amos and Psalms 1-41 from the standpoint of their literary form and their relationship to the history and the religion of their times.

*Biblical History and Literature II*
This subject is not available until further notice. One of the papers at least may require as a prerequisite a pass in papers at Latin I, Greek I, or Hebrew I as well as in Biblical History and Literature I levels.

*11.200 The History of Israel to A. D. 135.
*11.201 The History of Christian Origins to A. D. 135.
*11.203 The Apocrypha with Prescribed Texts.

HEBREW

Hebrew I
(Four hours per week).
Classical Hebrew Papers 23.100 and 23.101 are linked. Paper 23.102 is not available at present.

23.100 Classical Hebrew — Language.
Corequisite 23.101.
Translation of passages from selected portions of the Old Testament. Translation of a simple unprepared passage from a narrative portion of the Old Testament. Parsing of words, and questions on points of elementary syntax occurring in the prescribed work.
Note: No candidate who fails to satisfy the Examiner in the unprepared translation shall be deemed to fulfil the requirements in Hebrew.

23.101 Classical Hebrew — Texts
Corequisite 23.100.
Translation and pointing of a passage from the unpointed text taken from one of the selected portions of the Old Testament. Retranslation from English into Hebrew of an easy narrative passage from or based upon the prescribed prose. General questions on elementary grammar, with translations into pointed Hebrew of sentences chosen to test grammatical knowledge.

*23.102 Modern Hebrew.

*Hebrew II

*23.200 Classical Hebrew.
Prerequisites 23.100, 23.101.
Corequisites 23.201 and one of 23.202, 23.203.
Translation into idiomatic Biblical Hebrew of prose based on the prescribed texts, and of English sentences, illustrating Hebrew idiom and syntax; the pointing of passages from the prescribed texts; questions on the grammar and syntax of Biblical Hebrew.

*23.201 Classical Hebrew
Prerequisites 23.100, 23.101.
Corequisites 23.200 and one of 23.202, 23.203.
Translation from prescribed texts from the Old Testament with questions on the grammatical and syntactical forms found therein. Translation of unprepared passages from the Old Testament including one from the unpointed text.

*23.202 Modern Hebrew.
Prerequisites 23.100, 23.101.
Corequisites 23.200, 23.201.
Modern Hebrew conversation and reading. Modern Hebrew grammar. Translation from selected Modern Hebrew texts.

*23.203 Classical Hebrew.
Prerequisites 23.100, 23.101.
Corequisites 23.200, 23.201.
Translation and annotation of selected portions of the Old Testament, together with the questions on the textual, literary and historical criticism of the books from which they are taken.

DEPARTMENT OF ECONOMICS
For Economics prescriptions see Faculty of Commerce.

DEPARTMENT OF EDUCATION
*This paper will not be taught during the current Calendar year.
†This paper will not be taught during the current Calendar year unless sufficient staff is available.

Education I
14.100 An introduction to Educational Thought.
Corequisite: 14.101, if planning to enrol in more than one Stage II paper.
Selected historical and philosophical aspects of Western educational ideas.

14.101 Introduction to Development Psychology.
Corequisite: 14.100, if planning to enrol in more than one Stage II paper.
An introduction to human development.

Education II
14.200 Comparative Education.
Prerequisite: 14.100, 14.101, if enrolling in more than one paper.
Area studies: Great Britain and U.S.A.

14.201 History of Education.
Prerequisites as for 14.200.
The period up to 1600.

14.202 New Zealand Education.
Prerequisite as for 14.200.
Issues and problems associated with the organisation, administration and practice of education in New Zealand.

14.203 Educational Psychology.
Prerequisite as for 14.200.
Educational psychology, with particular reference to learning theory and cognitive development.

14.204 The Evaluation of Individual Differences.
Prerequisites as for 14.200.
An introduction to the theory and practical aspects of evaluating individual differences. A course of practical work and elementary statistics must be completed concurrently.

14.206 The Sociology of Education
Prerequisites: As for 14.200
An introduction to contemporary sociology of education.

14.207 Evaluation in Classrooms.
Prerequisites as for 14.200.
An introduction to procedures for classroom evaluations. A course of practical work and elementary statistics must be completed concurrently.
14.208 The Philosophy of Education.
Prerequisites: As for 14.200.
An introduction to contemporary philosophy of education with an emphasis on ethics.

14.209 Introduction to Research in Education
Prerequisites as for 14.200.
Selected topics for the beginning student in educational research including scientific method as applied to research in education, empirical procedures, the basic tools of related literature, statistics and measurement, and interpreting and reporting results.

Education III

14.300 Twentieth Century Educational Thought.
Prerequisites: Two Education papers at Stage II level if enrolling in more than two papers. A study of selected educational philosophies.

14.301 Comparative Education.
Prerequisites as for 14.300.
Selected area studies.

14.302 History of Education.
Prerequisites as for 14.300.
The period from 1600 to 1900.

14.303 The Sociology of Education.
Prerequisites as for 14.300;
The nature and scope of sociological thinking and research as applied to education.

14.304 The Context of Educational Planning.
Prerequisites as for 14.300.
An examination of the rationale, modes, and problems of educational planning, with particular reference to developed industrial societies.

Prerequisites as for 14.300.
The history and present position of guidance principles and practice, and the organisation of guidance in education systems with particular reference to New Zealand and other selected countries.

14.306 Introduction to School Counselling.
(Starts after Easter)
Prerequisites as for 14.300.
An examination of counselling theory and practice applied to education.

Prerequisites as for 14.300.
A study of principles of curriculum development that may be derived from psychological, sociological and philosophical sources and their application to the analysis and construction of curricula in various institutions in New Zealand.

14.308 Educational Psychology.
Prerequisites as for 14.300.
A study of contemporary ideas and research in human learning and instruction. Topics will include alternative approaches to schooling and applied behaviour analysis.

14.309 Developmental Psychology.
Prerequisites as for 14.300.
The psychology of developmental change from infancy to adolescence.

14.310 Psychology of Adolescence.
Prerequisites as for 14.300.
A study of research on the physical, emotional, social and intellectual development of adolescents, and its relevance to New Zealand society.

14.311 Atypical Children.
Prerequisites as for 14.300.
An examination of the special educational needs of children showing atypical development and
of the effectiveness of current special educational strategies.

14.312 Issues in Special Education.
Prerequisites as for 14.300.
A general treatment covering all types of atypical development and behaviour in children, dealing with basic concepts of development, home management, and educational organisation.

14.313 Educational Research
Prerequisites as for 14.300.
An advanced study of special educational provisions for children showing atypical development, including an intensive analysis for mentally retarded children.

14.314 Pre-school Education
Prerequisites as for 14.300.
History and philosophy of pre-school education in New Zealand and in selected overseas countries; current New Zealand practices and provisions.

14.316 Early Determinants of Behaviour
Prerequisites as for 14.300.
A study of research dealing with the influence on later behaviour of variables operating prior to and shortly after birth.

Prerequisites: as for 14.300
A study of structural and interpersonal factors which influence the effectiveness of educational organisations.

Note: This course has special relevance to those with experience or interest in administration in educational or social service settings.

14.318 Studies in Higher Education
Prerequisites as for 14.300
An introduction to the aims and characteristics of courses in higher education and a study of curriculum design and instructional strategy at this level.

14.319 Special Topic
A subject to be proposed by a staff member or a student and approved by the Head of Department. This must be approved not later than 31 December of the year preceding enrolment.

14.320 Special Topic in Moral Education

14.321 The Nature of Educational Theory
Prerequisites as for 14.300.
A philosophical examination of problems in educational theory with an emphasis on teaching and learning.

14.322 Adult Learning and Education
Prerequisites as for 14.300
A study of the educational, developmental and psychological aspects of adulthood and of current issues in the fields of adult learning and education.

14.323 Special Topic
A subject to be proposed by a staff member or a student and approved by the Head of Department. This must be approved not later than 31 December of the year preceding enrolment.

A course of prescribed practical work, observational visits or special seminars will be associated with each Education III paper. Details of these requirements are available at enrolment. These will normally involve over the year about twenty-four hours of supervised work in laboratories and elsewhere and additional time for assignments.

Education for MA and Honours
Seven papers; or six papers and a Dissertation (14.604) which counts as one paper; or four papers in the first year and a Thesis (14.601).
In special cases a candidate may with the approval of the Head of Department offer five papers and a Thesis (14.611) counting as two papers OR four papers and a folio of case work with
associated seminars (14.606) counting as three papers.

14.400 Philosophy of Education
Philosophical issues in education.

14.401 Comparative Education
The comparative analysis of a selection of educational problems.

14.402 History of Education
An introduction to historical method applied to education.

14.403 New Zealand Education
A study of selected aspects of New Zealand education. Particular reference will be paid to major investigations in the areas selected.

14.404 The Sociology of Education
A more intensive examination of some of the matters introduced in Stage III, paper 14.303.

14.405 Educational and Vocational Guidance
An examination of theoretical and practical aspects of academic and careers guidance.

14.406 Educational Psychology
An advanced treatment of the behaviour of normal children with special reference to learning and the conditions which promote it.

14.407 Developmental Psychology
An advanced treatment of research in selected aspects of cognitive and personality development.

14.408 Issues in Deviant Development
(Terms one and two)
Corequisite: 14.407 or 32.413
The application of critical and conceptual skills to selected research on the prevention and treatment of deviant development in children and adolescents.

14.409 Educational Research
The scope and methods of educational research, experiment, and evaluation, including related statistical procedures.

14.410 Principles and Practice of Counselling
An advanced examination of counselling principles, together with practical experiences in selected counselling procedures.

14.412 Behaviour Analysis in Education
An examination of the application of behaviour analysis techniques to contemporary problems in education, including supervised research and field experience.

14.413 Atypical Children
A psychological and theoretical analysis of techniques designed to identify and alter deviant development in children and adolescents.

14.414 Issues in Curriculum Development and Evaluation
A consideration of current issues in curriculum development and evaluation in primary, secondary and tertiary education.

14.415 Special Topic
The topic to be proposed by the student after consultation with staff members and approved by the Head of Department. The topic must be approved not later than 31 December of the year preceding enrolment.

14.416 Special Topic
The topic proposed by a staff member and approved by the Head of Department will be announced in the Department by 31 December of the year preceding enrolment.

14.417 Special Topic
The topic proposed by a staff member and approved by the Head of Department will be announced in the Department by 31 December of the year preceding enrolment.

14.601 Thesis
A candidate presenting a thesis, dissertation or folio of case work shall forward it to the
Professor of Education, not later than 1 November in the year in which it is to be examined. A research seminar will be held once a week during the first half of the year for those preparing to write MA thesis.

A timetable for these seminars will be available at enrolment.

DEPARTMENT OF ENGLISH

Notes (i) Since the supply of text-books continues to be uncertain, some changes in courses may be unavoidable. Students will be notified of any such changes at the beginning of the academic year.

The books mentioned in the appendix are prescribed books — ie those which students must have. Students should obtain from the department the fuller version of prescriptions and book lists, which include recommended books (ie additional to those prescribed); and also lists of further prescribed books which are required for those papers not mentioned in the appendix.

All students should possess a good Dictionary: the Concise Oxford is recommended.

(ii) Students intending to take English as a major subject will find that the subjects which combine most appropriately with it are: any foreign language (including Latin or Greek) or Classical Studies, History, Philosophy, Art History, Music, Biblical History and Literature or Linguistics or Maori language papers.

English I

Two papers must be taken. Students intending to advance papers at English II are strongly advised to take 18.100. Each course involves one lecture per week for the whole year, and one lecture per week for half the year, with tutorials.

18.100 Introduction to Chaucer, Shakespeare and the Study of Language
18.101 Twentieth Century Literature
18.103 New Zealand Literature
18.104 Nineteenth Century Literature

English II

Three papers must be taken, one of which must be the Medieval Literature or English Language paper, and one of which must be one of the sixteenth and seventeenth century literature papers. Students intending to take three or more papers at English III have special prerequisites — see BA Schedule. Each paper involves one lecture per week; tutorials are also given.

18.200 Medieval Literature:
Chaucer and his Contemporaries, with optional Early English
18.201 English Language
18.210 Sixteenth and Seventeenth Century Prose and Poetry
18.211/18.313 Sixteenth and Seventeenth Century Drama
18.212 Shakespeare: Selected Plays: Comedies and Tragedies
18.220/18.321 The English Novel 1900-1945

English III

The usual course consists of a minimum of three papers, and a maximum of six papers. Normally students must take one paper from 18.300-18.304, one from 18.310-18.313, and one from 18.320-326. Students may not be credited with both 18.321 and 18.325. For details, and for courses involving other subjects, see BA schedules, and also the MA prerequisites. Students should consult the department at or before enrolling to obtain approval for their courses. Each paper involves one lecture per week, with tutorial work as arranged.

18.300 The English Language from Chaucer’s day to the present
18.301 Old English Literature
18.302 Middle English Literature
Prerequisite: 18.200
18.303 The Linguistic Analysis of Literature.
18.304 Phonology and New Zealand Speech
18.310 Shakespeare: Late Plays
18.311 Poetry and Prose 1540-1600
18.312 Poetry and Prose 1600-1660
18.313/18.211 Sixteenth and Seventeenth Century Drama
18.320 Victorian Literature
18.321/18.220 The English Novel 1900-1945
18.322 Major Eighteenth Century Authors
†18.323 American Literature: Poetry
18.324 Special Topic as prescribed by the Head of Department: Major Romantic Writers
18.325 Special Topic II as prescribed by the Head of Department: Novels 1945-1975
18.326 Special Topic III as prescribed by the Head of Department: Women Writers of the 20th Century.

Note: 18.301 and 18.302 are normally prerequisites for MA paper 18.403. 18.301 is a prerequisite for MA paper 18.400, 18.302 is a prerequisite for MA paper 18.411 and normally a prerequisite for 18.401. 18.301 is normally a prerequisite for MA paper 18.402.

English for MA and Honours

Note: For full details of courses and for prescribed books, intending students should consult the Head of Department towards the end of 1979; some papers listed below may not be given in 1980. It may be necessary to restrict entry to some classes.

(1) Single Honours — English
Students will select seven of the papers set out below, their selection of papers to be approved by the Head of the Department. One paper listed under Stage III English, if not already credited for a BA degree, may be offered as a paper for an MA. Not more than three papers may be taken from the period after 1930. With the permission of the Head of Department, a thesis (18.601) may be substituted for two papers or a dissertation (18.604) or a research essay (18.603) for one paper. The dissertation may take the form of a documented essay of about 25,000 words; the thesis will normally be longer, and will be upon a topic requiring detailed research. Candidates who propose to present their papers over two years will normally be required to submit specified coursework before sitting the examination for each paper. Those who present all their papers in one year will be given the opportunity to submit coursework. All students taking a paper from English III will be required to submit the prescribed coursework for that paper.

18.400 Old English
Prerequisite: Old English at Stage III level.
18.401 Middle English
Prerequisite: normally Middle English at Stage III level.
18.402 Norse (Icelandic)
Prerequisite: normally Old English at Stage III level.
18.403 Introduction to English Philology.
Prerequisite: normally Old English and Middle English at Stage III level.
18.404 Victorian Studies (24.415 History paper).
An interdisciplinary paper concerned with selected topics from English literature and British social and cultural history of the 19th Century.
18.405 Twentieth Century Poetry.
*18.407 Literary Criticism.
*18.409 Twentieth Century Drama.
18.410 English Linguistics
18.411 Selected Author or Authors I, to be prescribed by Head of Department.
For 1980: Chaucer
Prerequisite: Middle English at Stage III level.

*18.412 Bibliography and Textual Criticism.

18.413 Essays Paper
The course will consist of the supervised writing of short essays in a field or genre proposed by the student.

18.414 Selected Author or Authors II, to be prescribed by the Head of Department.
For 1980: Early Twentieth Century Fiction.
(1) Henry James.
(2) Joseph Conrad.
(3) James Joyce.

†18.415 Nineteenth Century American Prose and Fiction.

*18.416 20th Century American Literature.

18.417 New Zealand Literature.
For 1980. The course will be based mainly on authors of prose and verse writing after 1910. Authors studied will include (but will not be confined to) Katherine Mansfield, Frank Sargeson, John Mulgan, Janet Frame, Robin Hyde, Charles Brasch, A. R. D. Fairburn, R. A. K. Mason, Denis Glover, Allen Curnow, James K. Baxter, Kendrick Smithyman.

18.418 Special Topic I: To be prescribed by Head of Department
For 1980: Restoration Literature.

18.419 Special Topic II: To be prescribed by Head of Department
For 1980: 15th Century English Drama.
A study of medieval drama (particularly morality and cycle plays), tracing its development to the early Tudor plays.

18.420 Special Topic III: To be prescribed by Head of Department

18.421 Special Topic IV: To be prescribed by Head of Department
For 1980: Literature and Thought 1590-1650. A course in which literature is studied in relationship to the history, ideology and religion of the time.

18.422 Special Topic V: To be prescribed by Head of Department

18.424 Selected Author or Authors III: To be prescribed by the Head of Department.
For 1980: Major Victorian Writers: Dickens.

†18.425 A Topic in Sociolinguistics
For prescription see under Linguistics 83.402

18.426 Special Topic VI: To be prescribed by Head of Department

†18.427 Special Topic VII: To be prescribed by Head of Department

† 18.428 Special Topic VIII: To be prescribed by Head of Department

18.601 Thesis
(equivalent to two papers).

18.603 Research Essay
(equivalent to one paper).

18.604 Dissertation
(equivalent to one paper).

(2) Combined Honours — English with another language
Students will select three or four papers (set out above for Single Honours) as approved by the Heads of Department concerned.
DEPARTMENT OF GEOGRAPHY

* This paper will not be taught during the current Calendar year.
† This paper will not be taught during the current Calendar year unless sufficient staff is available.

Geography I

Two papers are offered for Geography I. They may be taken separately or together, but students planning to advance in geography should enrol in both. Practical work, tutorials, and a field excursion form an integral part of the courses, and participation in these is required. There are no prescribed texts but a list of recommended books for each course is included in the departmental Students' Guide available from the departmental secretary.

20.101 Introductory Physical Geography
An introduction to geomorphology, climatology, biogeography and soils emphasising environmental processes.

20.102 Introductory Human Geography
The course covers ideas relating to man's cultural interaction with his environment and the processes of spatial interaction. Sub-themes include spatial competition, spatial inequality and movement patterns.

Geography II

Five papers are offered for Geography II. They may be taken separately, but students planning to advance in geography should enrol for 20.204 (or 26.180 or 26.181) and at least two others from 20.201, 20.202, 20.203, 20.205 and 20.240 (Asian Geography). A list of recommended books for each of the papers is included in the departmental Students' Guide available from the departmental secretary.

20.201 Physical Geography
A study of water-earth relationships.

20.202 Human Geography
Principles of population analysis, urban and economic geography.

20.203 Remote Sensing Techniques
Photogrammetry, photo interpretation and an introduction to more recent techniques of remote sensing and their application.

20.204 Statistical Techniques in Geography
An introduction to elementary statistical methods for the non-mathematical student. The course covers descriptive statistics, the testing of simple statistical relationships, and the use of computer processing.

20.205 Man's Role in the Environment

Geography III

In 1980 it is expected that at least nine papers will be offered for students wishing to do advanced work in geography. Each paper will involve at least two hours of lectures, seminars, or laboratory work per week, but students must also attend such additional practical work and fieldwork as may be required. A list of recommended books for each of the papers is included in the departmental Students' Guide available from the departmental secretary.

20.301 Geography of New Zealand
Emphasis is on the patterns and processes of social and economic regional development.

20.303 Geomorphology
A selection of topics from coastal, karst and slope geomorphology.

20.304 Biogeography and/or Climatology
In 1980 the paper will examine the concepts and methods in environmental climatology, including study of relationships between the atmospheric environment and human activity.

20.305 Social Geography
A study of the processes underlying the ways in which social groups structure space.

20.306 Location and Regionalisation of Economic Activities
Issues in regional development and aspects of the location of economic activity are studied with...
examples from market, centrally planned, and developing economies.

20.307 Remote Sensing Techniques
This paper is identical to paper 20.203.

20.310 Area Study

20.311 Historical-Cultural Geography
A topical approach to man's attitudes toward nature, the transformation of natural landscape into cultural landscape through time, religious organisation of environment, and the geography of folklore and place names.

‡20.312 Special Topic

20.313 Advanced Statistical Techniques in Geography
An examination of multivariate methods and spatial analysis.

‡20.320 Resources and Environmental Management

Geography for MA, MSc, and Honours

(Four papers and a thesis (20.601))
At least ten papers will be offered in 1980. Students will be required to select any four of the papers set out below. A list of recommended books for each of the papers is included in the departmental Students' Guide available from the departmental secretary.

‡20.400 History and Nature of Geography

‡20.410 Geography of the Southwest Pacific
A study of the patterns and processes of island bio-physical environments, population, economic organisation and resource use.

‡20.411 Geography of a Special Area

20.420 Biogeography

20.421 Climatology
Topics in boundary layer and applied climatology.

‡20.422 Geomorphology

*20.423 Soil Geography

20.424 Hydrology and Fluvial Geomorphology

20.430 Agricultural Geography
Principles of land use competition, characteristics of systems of agriculture and planning for rural areas, with emphasis on developed economies.

‡20.431 Historical Geography

20.432 Industrial Geography
The course centres on the political economy of industrial production in its broadest sense, with emphasis on the internationalisation of productive processes in the Third World.

*20.433 Political Geography

20.434 Population Geography
Analysis and applications of the methods and materials of demography.

‡20.435 Transport Geography

20.436 Urban Geography
The emphasis of the course is on the evolution of urban systems and contemporary urban problems.

20.440 Special Topic
For 1980: Remote Sensing. An advanced study of remote sensing applications involving analysis of a range of recent imagery and data.

20.441 Special Topic
For 1980: Coastal Studies
Asian Geography

20.130 Geography of East Asia
A topical and regional approach to the geography of China and Japan. The course emphasises the unity and diversity of East Asia; environment and cultural development; industrialisation and urbanisation; population problems; and environmental management.

20.240 Geography of Malaysia, Singapore and Indonesia
This paper focuses on themes of population composition, and growth; urbanisation; economic structure and regional patterns; and problems of resource use.

DEPARTMENT OF GERMANIC LANGUAGES AND LITERATURE

The Department of Germanic Languages and Literature teaches two subjects: German and Scandinavian Studies.
Information about the Department is contained in the Departmental Handbook and the Handbook of the Faculty of Arts, both of which are available from the University Office.

Students intending to take an MA course should at all stages throughout their undergraduate studies consult the Head of Department concerning their degree structure, and should note carefully in the Departmental Handbook the strong recommendations concerning related subjects.

* This paper will not be taught during the current Calendar year.
† This paper will not be taught during the current Calendar year unless sufficient staff is available.

German I

Most students enrolling for German I have studied German previously. They are divided, on the basis of their knowledge, into streams. Each stream has five hours of teaching per week.

Students may enrol without previous knowledge of the subject. Such students have a different syllabus (including prescribed texts) from the rest of the class, and receive a total of six hours of teaching throughout the year.

Papers 22.100 and 22.101 are linked corequisites. A candidate's result will be determined over the two papers. See BA schedule.

In determining the final result, the candidate's performance during the year and in particular his performance in class tests, will be taken into consideration.

22.100 Language acquisition.
Written and oral use of German tested in some or all of the following ways: translation, composition, comprehension, conversation, dictation.

22.101 Literature and texts.
Selected works of German literature for translation and comment. Literary criticism.

22.102 Aspects of modern German civilization.
This paper is open to any interested student, whether or not he or she is studying German language and literature. The paper is strongly recommended to students of German at all stages.
A survey of modern German history, thought and culture (i) Aspects of 19th and 20th century German history and thought; (ii) Literature (studied in translation), music, art and cinema of the period.

German II.

A candidate's result will be determined over the three papers. Papers 22.200, 22.201 and 22.202 are linked corequisites — see BA Schedule.

In determining the final result, the candidate's performance during the year and in particular his performance in literature assignments and in class tests, will be taken into consideration.

22.200 Language acquisition.
Written and oral use of German tested in some or all of the following ways: translation, composition, comprehension, conversation, dictation.
22.201 Aspects of German literature and language from the Middle Ages to the 18th Century.

22.202 Aspects of 20th Century German literature.

German III

A candidate's result will be determined over papers 22.300, 22.301 and 22.302, which are linked corequisites. For the purposes of BA regulation 4(a) these three papers must be taken. In determining the final result, the candidate's performance during the year and in particular his performance in literature assignments and in class tests will be taken into consideration.

22.300 Language acquisition

Written and oral use of German tested in some or all of the following ways: translation, composition, comprehension, conversation, dictation.

22.301 (i) Middle High German language and literature with special reference to Walther von der Vogelweide and aspects of epic poetry
(ii) The Grimm brothers and the *Volksmärchen*

22.302 (i) 19th century narrative prose
(ii) Two options in German literature with special reference to selected authors from the time of Goethe onwards

Students who have passed, or are taking concurrently, papers 22.300, 22.301 and 22.302 may, with the permission of the Head of Department, take up to three approved papers which are prescribed for German MA and Honours.

Recommendations for background reading for all papers will be circulated.

German for MA and Honours

Students intending to enrol for MA must consult the Head of the Department towards the end of the previous year to discuss optional papers and to obtain advice on vacation reading.

(1) Single Honours — German

Seven papers comprising 22.400 and six others, to be selected with the approval of the Head of the Department. With the approval of the Head of Department five papers and a thesis (22.601) may be offered. No student may offer for MA any paper in which he has already been credited with a pass.

22.400 Language acquisition. Translation at sight from and into German — Composition and other written work in German

22.401 Classical and post-classical Middle High German language and literature with special reference to *Tristan und Isold* and the works of Hartmann von Aue

22.402 Classical Middle High German language and literature with special reference to Wolfram von Eschenbach's *Parzival* and the *Nibelungenlied*.

22.403 The political, religious and social background to Middle High German literature. Aspects of textual criticism

*22.404 Prosa der Goethezeit
22.405 The poetry of Rilke

22.406 The *Novelle* in the nineteenth century

22.407 Selected works of Brecht

22.408 Post-war German prose with special reference to Frisch, Böll, Andersch and Handke

22.409 Scandinavian drama with special reference to Ibsen and Strindberg

This paper deals with Scandinavian drama in English translation and is therefore open to students who have no knowledge of Scandinavian languages.

22.410 Linguistic analysis of contemporary written German

22.411 The *Märchen*. Aspects of form and meaning

22.412 An approved special topic in German language or literature

22.413 Selected works of Thomas Mann

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22.414 An approved special topic in German language or literature
22.415 An approved special topic in German language or literature
22.416 An approved special topic in Germanic languages, literature, thought or history
With the approval of the Head of Department, a thesis may be substituted for two of the optional papers. Students receiving such approval will be required to do the thesis in a second year.

Every candidate will be required to pass an examination on the oral use of the language. In determining the Class of Honours, the Candidate's performance in the written papers, the oral examination and in course work will be taken into consideration.

(2) Combined Honours — German with another language
Three papers in German and three in the other subject, with the seventh paper selected from either subject.

Three or four papers in German as defined above for Single Honours, to be selected with the approval of the Head of the Department.

Every candidate will be required to pass an examination on the oral use of the language. In determining the Class of Honours, the candidate's performance in the written papers, the oral examination and in course work will be taken into consideration.

*22.001 Preliminary German

†22.002 Foreign Language Reading Course (German)
This course is designed for students who must satisfy, in another department, a foreign language reading requirement in German.

Scandinavian Studies I
Students may enrol without previous knowledge of the subject. Such students will receive a total of six hours of teaching per week.

A candidate's result will be determined over two papers. Papers 46.100 and 46.101 are linked corequisites — see BA Schedule.

In determining the final result, the candidate's performance during the year will be taken into consideration.

46.100 Language acquisition
Oral and written use of Swedish, tested in some or all of the following ways: comprehension, conversation, composition, translation from and into Swedish, dictation, reading.

46.101 (i) Prescribed texts in Swedish for translation.
(ii) Selected works of Scandinavian literature
(iii) An outline of Scandinavian history, geography and literature

Scandinavian Studies II
A candidate's result will be determined over three papers. Papers 46.200, 46.201 and 46.202 are linked corequisites — see BA Schedule.

In determining the final result, the candidate's performance during the year will be taken into consideration.

46.200 Language acquisition
Oral and written use of Swedish, tested in some or all of the following ways: comprehension, conversation, composition, translation from and into Swedish, dictation, reading.

46.201 (i) The development of the Scandinavian languages with special reference to selected texts
(ii) Selected Danish and Norwegian texts since 1840
(iii) Twentieth century Swedish literature, with special reference to poetry and the novel

46.202 Scandinavian drama with special reference to Holberg, Ibsen, Strindberg and Ingmar Bergman

Scandinavian Studies III
In determining the final result, the candidate's performance during the year will be taken into
consideration.

46.300 Language Acquisition:
Advanced oral and written Swedish; comprehension of written Danish and Norwegian ("Bokmål").

DEPARTMENT OF HISTORY

Fuller details concerning the Department’s teaching programme and its requirements of students are contained in a guide which all students must obtain from the Department at 1A Wynyard Street. Students are advised to call at the Department before enrolment to discuss courses and to obtain reading lists and a leaflet entitled Advice on Books to Buy. This will list recommended texts for papers for which there are no prescribed texts.

NOTE:* This paper will not be taught during the current Calendar year.
† This paper will not be taught during the current Calendar year unless sufficient staff is available.

History I

24.100 From Versailles to Pearl Harbor: issues of peace and war.
(first half of year).
The origins of the Second World War in Europe and Asia. The course examines the challenges Germany and Japan presented to the status quo and considers the outcome.

24.101 The Russian Revolution.
(first half of year).
The origins of the 1917 revolution and the development of Russian society from Alexander III to Krushchev.

24.103 Fascism in the inter-war Years.
(second half of the year)
The nature of inter-war fascism with particular reference to the movement in Italy, Germany, Spain and France.

24.104 The Development of Modern Cities.
(first half of year)
The emergence and growth of cities in Great Britain, the United States of America and Australia

24.105 The USA since 1890.
(second half of year).
The role of the United States in world affairs and a survey of internal social and political developments.

†24.106 Special Topic: 1980 Marxism in Perspective
(second half of year)
Marxism as theory & practice in nineteenth-century Europe. The course will follow the development of socialist theory in the context on industrialisation and the early labour movement.

†24.107 Special Topic: To be prescribed by Head of Department.

24.120 Race Relations in New Zealand.
(first half of year).
Race relations and cultural interaction in New Zealand from the early nineteenth century to the present day.

24.121 New Zealand Society and Politics
(second half of year).
New Zealand history (other than race relations and specifically Maori history) since 1840, but with the main emphasis on the period since 1870.

Note: Each of the above papers will be taught for half of the year, three lectures, one tutorial per week, in the following sequences: 24.100-24.103; 24.101-24.105; 24.104-24.106; 24.120-24.121; will be taught in the first half. Second half year papers will start in the week beginning 23 June. Should their timetable permit, students may take a single paper, or two or more papers from different sequences.
Asian History I

24.130 China since the Opium War
(first half of year)
The collapse of Imperial China under the impact of foreign imperialism and internal upheavals and the subsequent struggle to rebuild a modern nation.

24.131 Vietnam 1802-1975: Unity and Division
(second half of year)
The search for unity on Confucian lines under the Nguyen dynasty following centuries of disunity; the impact of the French after the decline of China's influence in East Asia and the new impulses to disunity; the rise of a revolutionary national-independence movement (the Vietminh) and the movement towards a unified Vietnam.

Note: There will be three lectures and one tutorial a week for each paper. Paper 24.131 will start in the week beginning 23 June.

History II

24.200 Rome and the Barbarians 300-800
(first half of year)
The central emphasis varies slightly from year to year. The general problem of 'decline and fall' is always examined, at political, religious, and cultural levels; and then two or more barbarian kingdoms are chosen to illustrate interaction between the empire and its 'invaders'.

24.201 Kingship and Society in Medieval England from King Alfred to Edward I.
(second half of year)
Studies in the development of royal power in England from the Anglo-Saxon period until the Thirteenth century.

24.209 Reformation and Counter-reformation
(first half of year)
Religious history of central and western Europe from the 15th to the 18th century.

*24.210 The Growth of the Western European State in the 16th century
*24.211 The Growth of the Western European State in the 17th century

24.212 The French Enlightenment
(second half of year)
A study of 18th century French thought with some attention to its 17th century background.

24.213 Society and Revolution in France 1750-1800
(first half of year)
The social and economic development of France, focussing on the medium-term background to the Revolution at the end of the eighteenth century. Specific topics include population growth, religiosity, industrialisation, urbanisation, popular mentalités, criminality and the development of institutions.

24.230 Polynesian and European Exploration of the Pacific
(second half of year)
European exploration of the Pacific and theories on the origin and migration of Polynesians, including Maori voyages to New Zealand.

24.232 Colonial Society and the American Revolution
(second half of year)
The development of the societies and institutions of colonial America leading to the American Revolution.

24.333 Australian Society 1788-1980
(first half of year)
A study of some of the main factors that have shaped Australian society and the attitudes and values of Australians.

24.234 The Development of the Early Modern State in 16th and 17th century Europe
(second half of year)
The rise and nature of European monarchies, using England and France as models.

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†24.235 Special Topic
To be prescribed by Head of Department

†24.236 Special Topic:
To be prescribed by Head of Department

Note: Each of the above papers will be taught for half of the year, two lectures, one tutorial per week, in the following sequence: 24.200-24.201; 24.209-24.212; 24.213-24.234; 24.233-24.230; 24.232 will be taught in the second half. Second half year papers will start in the week beginning 23 June. Should their timetable permit, students may take a single paper, or two or more papers from different sequences.

Asian History II

24.220 State and Society in Southeast Asia
(first half of year)
An introduction to the history and culture of Southeast Asia through a discussion of major themes such as the ecological system, the monsoons and trade, Indianisation, state formation, religion.

24.221 Nationalism and Revolution in Southeast Asia
(second half of year)
A study of Southeast Asia in the 19th and 20th centuries in an attempt to understand the meaning and significance of 'nationalism' and 'revolution' within the historical and cultural context of Southeast Asia.

24.222 China under the Ming and Ch'ing Dynasties
(second half of year)
The social, political and economic structure of the final period of the Chinese empire, and the practice of imperial government under native and foreign rulers, China's relations with the outside world, and the development of her cultural heritage.

Note: Each paper will be taught for half of the year, two lectures, one tutorial per week, 24.220 and 24.221 are taught in sequence, paper 24.221 starting in the week beginning 23 June. 24.222 will be taught in the second half. Papers 24.220 and 24.221 are not corequisite but candidates are advised that it is useful to take them in the same year.

History III

24.300 Byzantines, Arabs and Franks, 6th to 9th century.
(second half of year).
An examination of political, religious, and social change within the Byzantine Empire before and during the Iconoclast Controversy. The concurrent impact of Islam on the Mediterranean world, as of the rise of the Franks in the West, will also be considered. Not available to students who passed 24.202 in 1974 or 1975.

24.301 The Mexican Revolution.

24.302 The Reign of Henry VIII.
(first half of year)
A study (involving the extensive use of primary sources) of King, Court, and Kingdom in the throes of a political revolution imposed from above and a religious reformation initiated from below.

24.303 The History of the Family in France and England.
(first half of year)
The social and demographic aspects of the family. The twin focuses are the relationship of the family to its social, economic and political environment, and relationships among various members of the family. Specific topics of study include: household structure, the law and practice of marriage and divorce, the social relationship of women and men, child-rearing, sexuality, inheritance practices, and contraception.

24.306 From Vienna to Frankfurt: European International Relations 1815-71
(first half of year)
The main international problems brought about by the great economic and political changes of the century.

24.307 The Origins of the First World War
(second half of year)
The origins of the First World War through discussion of the foreign policies of the main European countries involved, including Italy, and an analysis of international relations from 1870, and particularly from 1890 to 1915.

24.309 British Labour History 1850-1918
(first half of year)
The conditions of life and work of the lower classes and the evolving nature of the industrial and political labour movements.

24.310 The American Civil War and Reconstruction
(first half of year)
The problems of slavery, race relations, and sectionalism in nineteenth-century America.

24.312 Sino-Japanese Relations since the Meiji Restoration
(second half of year)
The relations of the two principal nations of the Far East, since the impact of the West; the breakdown of China's informal overseas empire; and the role of Japan in the development of Chinese nationalism.

24.314 Race in the Antipodes: New Zealand, Australia and South Africa in the 19th century
(second half of year)
The evolution of ideas about race in the nineteenth century, with case studies of New Zealand, Australia and South Africa.

24.315 Pacific History: culture contact to about 1900
(first half of year)
The relations between Pacific Islanders and Europeans (explorers, traders and missionaries) up to the colonial period.

†24.320 Special Topic
To be prescribed by Head of Department

24.321 American Labour History 1865-1940
(second half of year)
Economic and social conditions of manual workers; racial, ethnic and cultural divisions; mobility and class; trade unions; socialism and labour in politics.

24.322 Women in New Societies
(second half of year)
A comparative study of women's history in New Zealand, the USA and Australia.

24.323 Medieval Ideas
(second half of year)
Readings in medieval thought from Augustine to the beginnings of the Renaissance.

24.324 Trade and Society in pre-Colonial Southeast Asia
(first half of year)
Trade is a key element in a study of Southeast Asian history. This course will examine how Southeast Asia's location midway between the major land and sea routes in the East-West trade determined the nature of its history and society in pre-colonial (i.e. pre-19th century) Southeast Asia.

†24.325 Special Topic
To be prescribed by Head of Department

24.326 Aspects of the History of European Antisemitism
(first half of year)
The main emphasis will be on the period since the Enlightenment. German antisemitism will be stressed and other topics will also be selected for study, including antisemitism in France, fascist Italy, the Habsburg monarchy and its successor states, and Russia.

24.327 Special Topic: 1980 Communism in Western Europe
(second half of year)
The development of Communist Parties in Western Europe from the Russian Revolution to the present.

Note: Each of the above papers will be taught for half of the year, one one-hour and one two-hour period per week, in the following sequences: 24.326-24.327; 24.302-24.323; 24.303-24.322; 24.306-24.307; 24.309-
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24.321; 24.310-24.300; 24.324-24.312; 24.315-24.314. Second half year papers will start in the week beginning 23 June. Should their timetable permit, students may take a single paper or two or more papers from different sequences. But it may prove impossible owing to pressure of numbers in certain classes to allow students to enrol for all the papers of their first choice.

HISTORY FOR MA AND HONOURS

Five papers and a research essay (24.603) counting as one paper; or, with the permission of the Head of Department four papers and a thesis (24.601). The research essay must be on a subject connected with one of the candidate's formally examined MA papers or, with the permission of the Head of Department with one of the papers he passed at History III. The thesis shall not exceed 50,000 words and two copies must be handed in to the Registrar. The research essay shall be between 10,000 and 20,000 words and two copies must be submitted to the Registrar. Notwithstanding anything in Regulation 3, candidates presenting a research essay may attempt the five papers and present the essay in one year, or attempt four papers in the first year and present the remaining paper and research essay in the second year, or with the permission of the Head of Department attempt three papers in the first year and present the remaining two papers and research essay in the second year. Candidates presenting a thesis must attempt four papers in the first year.

Students attempting the one-year MA must present their research essay by the last day of February in the calendar year following the examinations. Other students attempting research essays must present them by 1 November of the second year of the course. For the date for theses, see MA Regulations 10 (d).

24.400 Topics in New Zealand History

Aspects of New Zealand history at present engaging the attention of research workers, including political, social and racial questions.

24.401 The political development of the Pacific Islands from about 1870

An examination of political and related social change in the Pacific Islands from annexation to decolonization.

24.402 Racial Interaction in Southern Africa in the 20th century

The impact on race relations of the expansion and contraction of the South African frontier.

24.403 Topics in Australian History since 1880

A study of some of the main social and political changes from about 1880 with emphasis upon how these changes affected Australians' values and attitudes to life. Topics to be considered include urbanisation, political radicalism and conservatism, the fate of the churches, the search for an Australian identity, the impact of war and depression, the family.

24.404 Kings, Lords, and Commons: Tudor Government and Society 1485-1603

This course involves the extensive use of primary materials. It concentrates on the changing role of parliament; the shifting relationship between king, lords, and commons; and parliament's response to a wide variety of political, economic and social problems ranging from religion and witchcraft to treason and inflation.

24.405 Topics in American History since 1880

The course will concentrate on social and political change in the late 19th and early 20th centuries as reflected in demands for reform.

24.406 Individual and Community in Western Europe 1050-1200

24.407 Indonesia and the Philippines: Colonial Experience and Post-colonial problems

This paper examines the similarities and contrasts in the colonial history of Indonesia and the Philippines and discusses some of the problems the two Republics have faced since independence.

24.408 Russia since 1917

24.409 British Social History 1870-1914

24.410 Philosophy of History

24.411 Topics in the History of the Early American Republic

A study of early national American society and politics, with special reference to political culture, diplomacy and war in the years between 1776 and 1828.
24.413 The Origins of the Second World War
This course is mainly concerned with the origins of the war in Europe and lays particular emphasis upon the relationship between internal and international affairs.

24.415/18.404 Victorian Studies
An inter-disciplinary paper, shared with the English department, concerned with selected topics from English literature and British social and cultural history of the nineteenth century.

24.418 Later Roman Paganism and its Western Critics
An examination of the interaction of pagan and Christian religious ideas with the social and political changes that characterised the Roman Empire in the fourth and early fifth centuries.

Note: Not available to students who passed the paper St Augustine at Stage III or MA in previous years.

24.419 New Zealand Oral History
An examination of the techniques and problems of oral history.

Note: (i) Only students who have previously studied New Zealand (eg 24.120, 24.121 or 24.400) may take this course.
(ii) With the permission of the Head of Department this course may be substituted for the research essay 24.603.

†24.420 Special Topic to be prescribed by Head of Department
†24.421 Special Topic to be prescribed by Head of Department

Note: (i) There is no guarantee that all the papers listed above will be available in any one year.
(ii) If enrolment for any MA paper falls below five, students will be given the option of transferring to another MA paper. As an alternative it may be possible in some cases to arrange for the paper to continue as a reading course, meeting once a fortnight.
(iii) All students intending to enrol for MA must see the Head of Department before formally enrolling, preferably at the end of the previous year.

DEPARTMENT OF MATHEMATICS
For prescriptions see Index.

DEPARTMENT OF MUSIC
Note: * This paper will not be taught during the current Calendar year.
† This paper will not be taught during the current Calendar year unless sufficient staff is available.

Restrictions on Entry to Courses:
1. A candidate wishing to advance in Music for BA beyond Stage I is required to satisfy the Head of the Department of Music that he or she has attained a suitable standard in music, at an interview to be held in the week immediately preceding the University enrolment week. A candidate who has not taken Music for the University Entrance or University Bursary Examinations will be required during his or her interview to satisfy the Head of Department of Music that he or she has reached an acceptable standard in harmony and aural perception.
Application to the Registrar must be made on the prescribed form and forwarded to the Secretary, Music Department, by 30 November (for entry to a course in the following year).

2. Enrolments in the following papers will be restricted as follows:

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28.210 Composition 10
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28.212 Keyboard Harmony and Score-playing 15
Results in Stage II papers
*28.302 Advanced Harmony and Counterpoint 15
*28.305 Special Topic
†28.318 Conducting 5
Results in Stage II papers

Music I
28.101, 28.102, 28.103 as prescribed for BMus, 28.109 as prescribed for BA.

Prescriptions for BA
28.109 Style Analysis (one paper)
A course based principally on compositions discussed more generally under 28.103

Music II

Music III
28.206, *28.207, 28.208 (28.203-208 being counted as Stage III papers if one of them has
already been passed at Stage II level), 28.210 (2 papers) 28.211, 28.212 as prescribed for BMus.

Music for MA and Honours
Restriction on entry to Courses:

1. Interview by Board of teaching members of Music Faculty; and
2. Performance where applicable.

A candidate reading for this Degree will be required to satisfy the Head of the Department of
Music of his proficiency as a performer and his ability to read an approved language other than
English. (Four papers and a Thesis (28.601), which counts as two papers).

The papers to be chosen from †28.401, *28.402, †28.404, 28.405, 28.406, †28.407, 28.409,

Note: (1) The availability of these papers will depend on the number of students and their choice of papers.
(2) The specific requirements for choice of papers are given in MA Schedule (21).

DEPARTMENT OF PHILOSOPHY

Full details concerning the Philosophy Department, the content of its courses and its require-
ments of students are contained in a brochure entitled Department of Philosophy : Course
Outlines. A free copy can be obtained from the Philosophy Department Secretary, Room 213,
first floor, Old Arts Building, Princes Street. The brochure also contains a full list of textbooks
for each course. Students are strongly advised to consult the brochure and to seek advice from
the Department concerning their proposed Course of Study before enrolment. Students enroll-
ing in Philosophy must obtain a copy of the brochure.

All students who propose to enrol in Philosophy III from 1980 onwards will be required to
have passed paper 29.208 Metaphysics II. Those who have passed Philosophy II papers in years
up to and including 1978, but not 1979, and who have satisfied the prerequisites for Philosophy
III as listed in the BA Schedule during those years, will be permitted to enrol in Philosophy III
in subsequent years.

Prerequisites and corequisites for the various papers offered by the Department are set out in
detail in the BA Schedule. Students should note that paper 29.101 is a corequisite for some
Philosophy II papers and a prerequisite for some Philosophy III papers. Students may be able
to obtain an exemption from the prerequisite or corequisite requirement of 29.101 for various
papers by passing a special examination in logic to be held immediately before enrolment week.
Interested students should see the Head of Department at the earliest opportunity, preferably
before the vacation, as some study through the vacation will be needed. A pass in the special
examination carries no credit towards a degree.

1980 Calendar
Philosophy I
Note: Two hours per week for each paper including lectures and tutorials.

29.100 Introduction to Metaphysics and Theory of Knowledge
29.101 Introduction to Logic
29.102 Ethics
29.103 Social Philosophy

Philosophy II
Note: (i) Paper 29.208 is a prerequisite for all Philosophy III papers.
(ii) One two-hour period per week for each paper.
(iii) The prerequisite for all Philosophy II papers is a pass in any two Philosophy I papers.
(iv) Waiving of prerequisites and corequisites for Philosophy II:
Those students majoring in a subject other than Philosophy who wish to enrol in a Philosophy II paper and who have not satisfied the prerequisites and corequisites for that paper, may enrol if the Head of Department deems that the student has an adequate background in the subject matter of the paper.

29.200 Philosophy of Mind
29.201 Logic II
29.202 Philosophy of Language
29.203 Philosophy of Science
29.204 Greek Philosophy
29.205 Political Philosophy
29.206 History of Scientific Ideas
29.207 Philosophy of Religion
29.208 Metaphysics II
29.209 History of Philosophy
29.210 Special Topic: 1979 History of Political Thought
29.211 Existentialism and Phenomenology

Philosophy III
Note: (i) Paper 29.208 is a prerequisite for all Philosophy III papers.
(ii) One two-hour period per week for each paper.
(iii) Students who wish to advance to MA in Philosophy must pass four Philosophy III papers, including paper 29.306 (for which 29.101 is a prerequisite), and attain an average grade of C+ or higher. For those students who complete a double major in Philosophy and another subject, the prerequisite for advancing to MA in Philosophy is a pass in three Philosophy III papers, including paper 29.306 (for which 29.101 is a prerequisite), the average grade for the three Philosophy III papers being C+ or higher.

29.300 Theory of Knowledge
29.301 Metaphysics III
29.302 History of Philosophy (Ancient and Medieval)
29.303 History of Philosophy (Modern) 1980, Kant and Schopenhauer
29.304 Ethics
29.305 Logic III
29.306 Contemporary Analytic Philosophy
29.307 Special Topic (The topic will be determined by the Head of Department)
Philosophy for MA and Honours

Six papers; or six papers with four papers to be taken in the first year and two in the second year of the course; or, with the approval of the Head of Department, four papers and a thesis (29.601). One paper may be chosen from those offered in Philosophy III which the student has not previously passed. All other papers are to be selected from 29.400 to 29.420, not all of which may be offered in any one year. The selection must be approved by the Head of Department.

Prerequisites for enrolment for MA in Philosophy are passes in eight Philosophy papers, including 29.101, 29.306 and three other Philosophy III papers (or two other Philosophy III papers for students taking a double major). All Philosophy III papers must be passed at an average grade of C+ or higher.

Students intending to enrol for an MA in Philosophy must consult the Head of Department towards the end of the previous year to discuss the availability of papers, the proposed MA course, and textbooks, reference works and vacation reading for each course.

29.400 Ethics
29.401 Kant
29.402 Wittgenstein
29.403 Metaphysics
29.404 Philosophy of Language
29.405 Philosophical Psychology
29.406 Philosophy of Natural Science
29.407 Philosophy of Social Science
29.408 Philosophy of History
29.409 Philosophy of Mathematics
29.410 Philosophical Logic
29.411 Mathematical Logic
29.412 Topics in the History of Philosophy I
29.413 Topics in the History of Philosophy II
29.414 Topics in the History of Philosophy III
29.415 Topics in Modern Philosophy
29.416 Modern Continental Philosophy
29.417 Aesthetics
29.418 Special Topic
29.419 Special Topic
29.420 Special Topic
Candidates for 29.420 will be required to write essays (to be submitted no later than the end of the fourth week of the third term) within a field of Philosophy to be specified by the Head of Department. There will be no examination paper.

DEPARTMENT OF POLITICAL STUDIES
* Note: This paper will not be taught during the current Calendar year.
† This paper will not be taught during the current Calendar year unless sufficient staff is available.

Political Studies I
(first half of year)
(.second half of year)
30.102 Law, Property and Individualism: An introduction to Political Thinking.
(second half of year)

30.105 Public Administration: Central and Local
(first half of year)

Political Studies II

*30.200 Major Figures in Political Thought.
30.201 British Politics and Society.
(first third of year)

(third third of year)

30.203 New Zealand Government and Policy-making.
(second third of year)

30.204 A Topic in the Structure of International Relations:
New Zealand and Australian Foreign Policy.
(third third of year)

30.208 A Topic in European Politics:
In 1980: The Politics of Small States — Scandanavia

30.209 Modern Political Ideologies.
(second third of year)

Political Studies III

30.301 A Topic in the Structure of International Relations and the Formulation of Foreign Policy:
United States Foreign Policy.
(second third of year)

30.302 A Topic in the Politics of New States:
In 1980: Forms of Political Development in Africa.
(second third of year)

30.303 Research Methods and Statistics in Political Studies.
(full year)

30.304 Political Learning and Political Behaviour.
(third third of year)

30.305 Studies in Contemporary Political Ideas.
(third third of year)

30.307 The European Community and COMECON:
Nationalism Versus Integration in East and West Europe.
(first third of year)

30.308 The Foreign Policy of an Asian Nation: Japan Incorporated.
(first third of year)

30.309 Explaining Political Action.
(first third of year)

Political Studies for MA and Honours
Four papers and a thesis (30.601) which shall count as three papers; or seven papers. The papers shall be selected from 30.400 to 30.412.
A candidate presenting seven papers shall present four papers in the first year and present the remaining three papers in the year next following.
The prerequisites are eight papers in the subjects Political Studies and Asian Politics including three Stage III papers.

30.400 Topic on Political Thought and Practice:
The Role of Ideology in Communist China.
30.401 A Topic on the Role of Minority Ethnic Groups in Politics:
In 1980: Maoris and American Blacks.

30.402 A Topic on Urban Government and Politics:

30.403 Special Topic to be Prescribed by the Head of Department.

30.404 Australian Politics.

*30.407 Thomas Hobbes and His Times.

†30.408 Special Topic to be prescribed by the Head of Department.


30.410 Special Topic to be prescribed by Head of Department.
In 1980: A study in Political Sociology.

30.411 A topic on Political Thought and Practice:
CommunistRevisionism in Eastern Europe.
This paper will not be available to those who have previously taken paper 30.300.

30.412 A topic on American Politics:

Asian Politics I

30.103 China Since 1949:
The Politics of an Emerging Superpower.


Note: The above papers will be taught as follows: First half of the year 30.104, second half of the year 30.103.

Asian Politics II

30.205 The Politics of Race and Prosperity in Malaysia and Singapore.

30.206 Generals, Technocrats and Muslims in Indonesian Politics.

30.207 Japan Since 1945: Images and Realities.

Note: The above papers will be taught as follows: First third of the year 30.205, second third of the year 30.206, final third of the year 30.207.

DEPARTMENT OF PSYCHOLOGY

Note on textbooks: Students taking advanced courses are advised to consult with the lecturers concerned before purchasing books.

Notes on courses: The Schedule attached to the Course Regulations for the Degree of BA should be consulted for pre and corequisites. The Arts Faculty Handbook contains further useful advice.
* This paper will not be taught during the current Calendar year.
† This paper will not be taught during the current Calendar year unless sufficient staff is available.

Psychology I

32.108 Introduction to General Psychology
The psychological study of behaviour; biological and social determinants of behaviour; group behaviour; individual and group differences; development of behaviour; psychopathology and its treatments.

32.109 Introduction to Experimental Psychology
This paper will emphasise the application of the experimental method to the study of behaviour, with particular stress on sensation, perception, learning and motivation. (Laboratory attendance of 2 hours per week is required).
Psychology II

Three papers must be taken by students wishing to advance to Stage III.

32.206 Theory and method: Learning and Motivation
The first half of this course is a general introduction to techniques used by psychologists in the description and explanation of behaviour, with emphasis on statistical techniques of data analysis. The second half deals with the conditions under which learning occurs, and the nature of the learning process. Classical theories of learning and motivation are described, compared, and related to contemporary interpretations.

32.207 Sensory Processes: Physiological Psychology
The first half covers elements of psychophysics and detection theory, and an introduction to the coding of information in sensory systems, with an emphasis on vision and hearing. The second half provides an introduction to the physiological basis of behaviour.

32.208 Development Psychology: Interpersonal Behaviour
The first half of this course is concerned with the development of behaviour from birth to old age. The second half deals with individual aspects of social functioning, with an emphasis on perceptual and communicative processes.

(Laboratory attendance or other practical work of not less than two hours per week will be required for each paper at the Stage II level.)

Psychology III

A pass in three Stage III papers is necessary for entry to MA and Honours in Psychology.

Note: Paper 32.301 covers some of the essential skills required for professional work in psychology and should be taken by all candidates who may wish to work with clients.

32.301 The Psychology of Individual Differences
A study of genetic sources of individual differences of their measurement, and of the construction and use of psychometric tests.

32.302 Psychological Theory
A consideration of some continuing and contemporary psychological issues and problems.

32.303 Cognitive Processes
An examination of the psychology of attention, pattern recognition, memory, problem solving, language and thinking.

32.304 The Theory and Systems of Personality
An examination of different theoretical conceptions of personality; the major viewpoints are clinical, psychometric, behaviouristic and phenomenological.

32.305 Physiological Psychology
An advanced study of the physiological bases of behaviour with emphasis on research methodology.

32.306 The Design of Psychological Experiments
A consideration of multiple regression, parametric and non-parametric methods, factorial design, probability, analysis of variance, and techniques suitable for single-case studies.

32.307 The Psychological Analysis of Vision and Hearing
Aspects of visual perception affecting behaviour in a variety of environments will be discussed. A study of the effects of noise on people will also be covered.

32.308 Special Topic
A research topic undertaken under the supervision of a staff member and written up for presentation instead of a final paper.

32.309 Learning
An examination of a wide range of data on learning and the control of behaviour. The topics will include: reinforcement, punishment, avoidance, law of effect, classical conditioning, conditioned reinforcement, anxiety and conditioned suppression, and stimulus control of behaviour.

*32.310 Comparative Psychology
The study of the differences and similarities in the behaviour of animals.
32.311 Social Behaviour
This course concentrates on social functioning in both intergroup and intragroup settings.

Psychology for MA and Honours
(Four papers and a thesis 32.601 which is equivalent to three papers).
Students in consultation with the Head of the Department will select four papers from among the following:

32.401 History of Psychology
An historical account of psychology with special reference to the aspirations and activities of influential psychologists.

†32.402 Quantitative Psychology
The quantitative analysis of psychological phenomena. In 1980 topics will include the analysis of reaction time, systems theory; scaling; and others to be selected.

32.403 Applied Analysis of Human Behaviour
An examination of general issues in behaviour analysis, of approaches to psychological assessment, and of the application of behavioural techniques to psychological phenomena.

32.404 Sensation and Perception
An advanced treatment of modern psychophysics and of the psychology of vision and hearing.

*32.405 Comparative Psychology
The range and variety of human behaviour considered with the behaviour of other animals as an essential context.

32.406 Physiological Psychology
A study of current issues in the physiological bases of behaviour together with a laboratory course in techniques of physiological psychology.

32.408 Clinical Neuropsychology
An examination of the relation between the brain and mental functioning with an emphasis on clinical cases of brain damage.

32.409 Abnormal Psychology
A consideration of the psychological analysis of mental disorders, including their aetiology, classification, assessment and treatment.

32.410 Neuropsychology
An advanced treatment of functional models of the human brain and of neurolinguistics, with an emphasis on the contributions of Lashley, Hebb and Luria.

32.411 Advanced Operant Behaviour
An advanced study of selected topics in learning at the level of current research.

†32.412 Social Psychology
An examination of selected research topics in social psychology with a special emphasis on the underlying theories.

32.413 Contemporary Issues in Developmental Psychology
A study of psychological development in infancy and early childhood including an examination of the development of the learning process.

†32.415 Critical Issues in Psychology
An examination of methodological, metatheoretical and social issues affecting the study and practice of psychology.

32.416 Cognitive Psychology
A study of selected aspects of human cognition, which includes perception, attention, memory, problem solving and language.

32.417 Special Topic in Psychology
For 1980, the special topic will be Psychological Theories of Attention.

1980 Calendar
DEPARTMENT OF ROMANCE LANGUAGES

Note: *This paper will not be taught during the current Calendar year
†This paper will not be taught during the current Calendar year unless sufficient staff is available

French Stage I

Language papers

34.100 or 34.110 Language Acquisition
(Entry to 34.100 is given after a streaming test or a later decision by the Head of Department)
Oral and written expression in French, aural and written comprehension; tested in some or all of the following ways: comprehension, explanation, conversation, composition, translation, dictation, reading aloud; with linguistic and stylistic analysis.

34.102 Language comprehension for Arts students
Aural and reading comprehension using texts on French culture and civilization.

34.112 Language comprehension and conversation for Arts students.
Aural and reading comprehension as for 34.102, and conversation on the same topics.

34.104 Language comprehension in specific areas A: Science.
Aural and reading comprehension using general science texts.

*34.150 French for beginners: a full-skill course leading into 34.100.

34.106 Language Comprehension in specific areas B: Social Science, Art History, Music.
Aural and reading comprehension using texts in areas or disciplines to be specified each year.
(A minimum of five candidates per area is required)
1980: Art history, music

Text papers

34.101 Twentieth Century Literary Texts
34.103 Twentieth Century Texts
34.109 Contemporary French Civilisation

French Stage II

34.200 Language Acquisition
Oral and written expression in French, aural and written comprehension; tested in some or all of the following ways: comprehension, explanation, conversation, composition, exposition of an unprepared topic, translation, dictation, reading aloud; with linguistic and stylistic analysis.

34.201 Nineteenth and/or Twentieth Century Literary Texts
1980, Shorter Fiction

34.202 Nineteenth and/or Twentieth Century Literary Texts
1980 Poetry.

34.205 Medieval Texts
34.209 Nineteenth Century French Civilisation

*34.210 Professional translation of written texts
Practical training in professional translation between English and French. Enrolment by permission of the Head of Department.

34.214 Language Studies for intending teachers of French
French Stage III

34.300 Language Acquisition
Oral and written expression in French, aural and written comprehension; tested in some or all of the following ways: comprehension, explanation, conversation, composition, exposition of an unprepared topic, translation, dictation, reading aloud; with linguistic and stylistic analysis.

34.310 Seventeenth and Eighteenth Century Literary Texts
1980, Theatre

34.302 Eighteenth Century Texts
1980, Prose

34.304 Seventeenth Century Language

34.305 Eighteenth Century Language

34.306 Old French Language and Literature

34.308 A Topic in Nineteenth and/or Twentieth Century Literature
1980, The Novel and Society

*34.309 A Topic in Nineteenth and/or Twentieth Century Literature

*34.312 A Topic in Nineteenth and/or Twentieth Century Literature

34.307 A Literary Topic
1980, Poesie et chansons a I'epoque moderne: Ferré, Brassens, Brel, Marti.

Foreign Language Reading Examination (French)

34.500 FLRE in French (without lectures)

34.501 FLRE in French (with lectures)

Note: Students wishing to gain this qualification for BSc (Hons), or other higher degrees are advised as follows: (a) if you passed in French at Bursaries or Scholarship levels, you should with some reading in French in your own subject be able to pass FLRE without enrolling for a course and should therefore enrol for 34.500; if you wish to refresh or improve your knowledge, you should enrol for one of 34.501, 34.102, 34.112, 34.104, 34.106; a pass in any of these (except 34.501) qualifies not only for FLRE but also counts towards certain undergraduate degrees (BA, BSc, BCom, BMus); (b) if you passed in French at a lower level than Bursaries, you should enrol for 34.501, 34.102 or 34.106; (c) if you have done no French at all, you should pass in a beginner's course at the Centre for Continuing Education (French I and II, one semester each) and then follow (b) above.

French for MA and Honours

Seven papers or four papers and a thesis (34.601)
The requirements are given in section (8) of the MA Schedule. The thesis must be taken in a second year. For the MA in Languages and Literature, the requirements are in section (16) of the MA schedule; there is no thesis option. Paper 34.400 is compulsory for both subjects, and the marks for it bear a relative weighting of three to two for each other paper in French. Selection of paper 34.421 is subject to the permission of the Head of the Department. Prerequisites may be waived by the Head of the Department.

34.400 Language Acquisition
Oral and written use of French, tested by: comprehension, explanation, conversation, composition, exposition of an unprepared topic, translation, dictation, reading aloud; with linguistic and stylistic analysis. (Prerequisite: 34.300).

34.401 A Special Topic in Old French Literature
1980, The chansons de geste

34.402 A Special Topic in Renaissance Literature
1980, Poetry

34.403 A Special Topic in Sixteenth and Seventeenth Century Thought
1980, Philosophical Thought

*34.404 A Special Topic in Seventeenth Century Literature

*34.406 A Special Topic in Nineteenth and/or Twentieth Century Literature

1980 Calendar
34.423 A Special Topic in Nineteenth and/or Twentieth Century Literature

34.407 A Special Topic in Twentieth Century Literature
1980, Chemins de la pensée.

34.408 A Special Topic in Twentieth Century Literature.
1980, Camus and Beckett.

*34.409 A Special Topic in Twentieth Century Literature

34.410 An Approved Literary Topic
1980, Contemporary Literary Criticism

34.411 An Approved Literary Topic
1980, Modern Canadian Literature

34.412 Old Picard Language and Literature
(Recommended prerequisite: 34.205 or 34.306)

34.413 Middle French Language and Literature

34.416 Principles of Lexicology and Lexicography and their application to French

34.417 Applied Linguistics, as related to French

34.418 Overseas Regional French

34.419 French Creoles

34.420 An approved topic in Linguistics

34.421 Research Techniques in Language and/or Literature
Particular reference will be paid to one aspect in which an original investigation must be undertaken. The prerequisites are determined by the Head of the Department.

†34.422 Linguistic analysis of French

Italian I
A guide to Italian studies at Auckland is available from the Romance Languages Department, 22 Princes Street. Students are warmly invited to visit the Italian lecturers before enrolment to discuss courses. It is best to phone to make an appointment.

(Exclusions for all Italian papers — coursework, examinations etc — are determined at the beginning of the year in consultation with the students for each course).

35.102 and 35.103 Italian Language and Society I and 2
Open to beginners and more advanced students, these papers must be taken together.
Students learn to speak, read and write Italian using material on issues in contemporary Italian life, society, politics and thought.
Five hours of classes in small groups and one tutorial per week; weekly assignment and occasional essays.

*35.104 Italian Language in Opera and Song.
Primarily intended for singers. Comprehension and pronunciation. Study of Italian texts of operatic libretti, madrigals, songs. May be taken by both BA students and students from the Faculty of Music. One and a half hours per week.

35.105 Twentieth Century Literature and Film.
May be taken as additional paper by students taking Italian papers 35.106 and 35.107 or 35.102 and 35.103. People with good prior knowledge of Italian can take it on its own. Selected 20th century Italian fiction, film, poetry. Two classes per week.

35.106 and 35.107 Italian Language Acquisition and Introduction to Italian Culture I and 2.
Open to beginners and more advanced students, these papers must be taken together. Students learn to speak, read and write Italian. In addition, aspects of the history of Italian culture will be studied, including: history of Italian language, literature, thought and arts.
Five hours of classes in small groups and one tutorial per week; weekly assignments and occasional essays.

1980 Calendar
ITALIAN II

35.200 Language Acquisition
Advanced reading, grammar, writing, conversation in Italian. Three hours per week. Weekly assignments. May be combined with any one or more of the following papers for Italian II.

*35.202 Fourteenth Century Literary Texts: Dante
Not available in 1980

*35.203 Fourteenth Century Literary Texts: Boccaccio and Petrarcha
Not available in 1980

35.204 A Special Topic in Twentieth Century Literature or Culture
1980: Italian fiction and cinema.
One two-hour discussion per week, occasional tutorials.

35.210 Major Themes in Italian Renaissance Culture

35.211 A Special Topic in Italian Renaissance Literature 1

*35.212 A Special Topic in Italian Renaissance Literature 2
Not available in 1980

35.230 A Special Topic in Italian Literature
Students wishing to suggest a topic should do so before Christmas 1979.

ITALIAN III

35.300 Language Acquisition
Advanced reading, grammar, writing, conversation in Italian using material reflecting current events in Italy. Three hours per week. Weekly assignments. May be combined with any one or more of the following papers for Italian III.

*35.302 Fourteenth Century Literary Texts: Dante
Not available in 1980

*35.303 Fourteenth Century Literary Texts: Boccaccio and Petrarcha
Not available in 1980

35.305 A Special Topic in Twentieth Century Literature or Culture
1980: Italian fiction and cinema.
One two-hour discussion per week, occasional tutorials.

35.310 Major Themes in Italian Renaissance Culture

35.311 A Special Topic in Italian Renaissance Literature 1

*35.312 A Special Topic in Italian Renaissance Literature 2
Not available in 1980

35.321 A Special Topic in Italian Language
Students wishing to suggest a topic should do so before Christmas 1979.

35.330 A Special Topic in Italian Literature
Students wishing to suggest a topic should do so before Christmas 1979.

Italian for MA and Honours

The specific requirements for Italian are given in MA Schedule (14) and Languages and Literature including Italian in MA Schedule (16). In both cases paper 35.400 is compulsory.

35.400 Language Acquisition: Oral and Written Use of Italian
Tested in some or all of the following ways: translation, composition, conversation, comprehension, reading.

35.403 Linguistics: Principles and Methods Applied to the Study of Contemporary Italian

35.404 A Special Linguistics Topic

1980 Calendar
35.405 Thirteenth Century Literature
35.406 The Works of Dante
35.407 The Works of Boccaccio and the Genesis of Italian Prose
35.408 The Italian Theatre of the Renaissance; Teatro Erudito and Commedia dell’Arte
35.409 Italian Theatre in the Eighteenth Century: Goldoni, Gozzi and the Development of the Italian Theatre
35.410 Manzoni, Leopardi and Italian Romanticism
35.411 Verismo, with Special Reference to the Works of Verga
35.412 Pirandello and 20th Century Drama; Futurism, Pirandello, Dario Fo
35.413 A Special Topic in 20th Century Italian Poetry
35.414 A Special Topic in the 20th Century Italian Novel
1980: The Italian novel to 1945 with special reference to the works of three of the following: Pirandello, Svevo, Moravia, Vittorini, Pavese.
35.415 An Approved Literary or Cultural Topic
35.416 Overseas Italian: Italian Language and Literature in Australia and New Zealand
35.417 Late 19th Century Italian Poetry
35.418 Italian Novel and Cinema after 1945
35.419 Theories and Examples of the Avant-Garde in Italy
35.420 Methodologies of Literary Criticism from Romanticism to Structuralism
Intending MA students should consult with the Italian staff during their final BA year.

Spanish Stage I

45.100 Language Acquisition
Two lectures; one oral class; one language laboratory session; total four hours per week.
Language acquisition: oral and written expression in Spanish, aural and written comprehension; tested in some or all of the following ways: comprehension, explanation, conversation, composition, translation, dictation, reading aloud; with linguistic and stylistic analysis.

45.101 Selected Texts in Twentieth Century Literature
One lecture a week; tutorials on request; two essays.

45.102 Language: Oral, Aural and Reading Comprehension, Translation from Spanish to English
One lecture per week; one oral class; one language laboratory session.

Spanish Stage II

45.200 Language Acquisition
One lecture; one oral class, one language laboratory session.
Language acquisition: oral and written expression in Spanish, aural and written comprehension; tested in some or all of the following ways: comprehension, explanation, conversation, composition, translation, dictation, reading aloud; with linguistic and stylistic analysis.

*45.201 Medieval and Golden Age Literary Texts
One lecture weekly; tutorials on request; one (or two) essays.

45.202 Nineteenth and Twentieth Century Literary Texts
One lecture per week, tutorials on request; one (or two) essays.

*45.203 Literary Analysis, with Prescribed Texts.
One lecture per week, tutorials on request; one (or two) essays.

45.204 Twentieth Century Latin American Texts
One lecture per week, tutorials on request; one or two essays.
Spanish Stage III

45.300 Language Acquisition
One lecture; one oral class; one language laboratory session.
Language acquisition: oral and written expression in Spanish, aural and written comprehension; tested in some or all of the following ways: comprehension, explanation, conversation, composition, translation, dictation, reading aloud; with linguistic and stylistic analysis.

*45.301 Medieval Literature
One lecture per week; tutorials on request; one (or two) essays.

45.302 Golden Age Literature
One lecture per week; tutorials on request; one (or two) essays.

*45.303 Nineteenth Century Literary Texts
One lecture per week; tutorials on request; one (or two) essays.

45.304 Twentieth Century Literary Texts
One lecture per week; tutorials on request; one (or two) essays.

45.305 Twentieth Century Latin American Literature
One lecture per week; tutorials on request; one (or two) essays.

Spanish for MA and Honours
(Seven papers or four papers and a thesis (45.601))
The specific requirements for Spanish are given in MA Schedule (26); and for Languages and Literature including Spanish in MA Schedule (18). In both cases, paper 45.400 is compulsory and the marks for it bear a relative weighting of three to two for each other paper.

45.400 Language Acquisition
Oral and written expression in Spanish, aural and written comprehension; tested in some or all of the following ways: comprehension, explanation, conversation, composition, exposition of an unprepared topic, translation, dictation, reading; with linguistic and stylistic analysis.

45.401 A Topic in Medieval Literature

45.402 Golden Age Poetry

45.403 The Picaresque Novel

45.404 Major Dramatists of the 17th Century

45.405 Minor Dramatists of the 17th Century

45.406 Don Quijote

45.407 The Nineteenth Century Novel

45.408 The '98 Generation

45.409 The Contemporary Spanish Novel

45.410 Twentieth Century Spanish Poetry

45.411 Twentieth Century Spanish theatre

45.412 Twentieth Century Latin American Novel

45.413 Twentieth Century Latin American Poetry

45.414 Twentieth Century Latin American theatre

45.415 Portuguese Language and a Topic in Twentieth Century Portuguese Literature

45.416 A Topic in Twentieth Century Brazilian Literature

45.417 Eighteenth Century Literature

45.418 Applied Linguistics as related to Spanish

45.419 Research Techniques in Language and/or Literature

45.420 Special Topic in Spanish Literature
Faculty of Arts, Prescriptions, Russian

45.421 Special Topic in Latin American Literature
Intending MA students should consult with the senior staff of the Department during their final BA year.

DEPARTMENT OF RUSSIAN

Note: * This paper will not be taught during the current Calendar year.
†This paper will not be taught during the current Calendar year unless sufficient staff is available.

Russian I

Students may enrol for Stage I papers without any prior knowledge of the subject areas. The two Russian language papers, 43.100 and 43.101, are linked corequisites and are also prerequisites for all students advancing to Stage II except, with the approval of the HOD, those with Bursary-level knowledge of the language; 43.111, 43.112 and 43.113 can be taken independently of each other and of any other papers in the Department. Students intending to advance in Russian are strongly advised to take Paper 43.112 during either their first or second year of study.

Paper 43.111 is offered in alternate years: not offered in 1980.

Note: The readings for papers 43.112 and 43.113 are entirely in English.

43.100 and 43.101 Russian Language Acquisition 1 and 2
Written and oral use of Russian, tested in some or all of the following ways: translation into Russian, composition, comprehension, conversation, dictation, reading. Literary and non-literary texts for translation from Russian.
The two papers must be taken together.
Five hours and one language laboratory session per week; regular assignments.

*43.111 Language Acquisition: Serbo-Croatian.
Elementary written and oral use of Serbo-Croatian, aural and reading comprehension of texts on Yugoslav culture and civilisation, tested in some or all of the following ways: translation, composition, comprehension, conversation, dictation, reading.
Three hours per week. Optional library use of the Language Laboratory.

43.112 Russian Civilisation.
A survey of the political, social, economic, religious, intellectual and artistic forces which historically have helped to shape modern Russia.
Two consecutive hours per week; three short assignments.

43.113 The Classics of Russian Literature.
Studies in major examples of Russian prose fiction.
Two consecutive hours per week; two essays.

Russian II

Papers 43.210, 43.211 and 43.212 are linked corequisites. Paper 43.211 consists of two half-papers. Students who have not already taken paper 43.112 are strongly advised to do so alongside their Russian II papers.

43.210 Language Acquisition: Russian.
Written and oral use of Russian tested in some or all of the following ways: translation, composition, comprehension, conversation, dictation, reading.
Three hours and one language laboratory session per week. Optional library use of the Language Laboratory.

43.211 (i) Introduction to Modern Russian.
The structure of the contemporary standard language, with special reference to phonology and morphology.
One class per week in the second and third terms.

(ii) The Russian Lyric in the Nineteenth Century.
Studies in 19th Century lyric poetry. Introduced by a series of lectures on literary theory.
One class per week: one major assignment.

1980 Calendar
43.212 The Russian Short Story in the Nineteenth Century.
Selected short prose works by major Russian writers from Karamzin to Chekhov.
One class per week; three assignments.

Russian III
Papers 43.310 and any two from 43.311, 43.312 and 43.313 are linked corequisites. Paper 43.311 is offered in alternate years and will not be offered in 1981.

43.310 Language Acquisition: Russian.
Written and oral use of Russian tested in some or all of the following ways: translation, composition, comprehension, conversation, dictation, reading.
Three hours per week. Optional library use of the Language Laboratory.

43.311 Introduction to Russian and Slavonic Linguistics.
Description and analysis of Modern Russian, with historical explanations of "anomalies"; Survey of some major Slavonic languages and their background.

43.312 The Russian Novel in the Nineteenth Century:
Pushkin’s Evgenii Onegin and one major novel each by Dostoevskii and L. Tolstoy.
One class per week; three assignments.

43.313 Introduction to Russian Literature of the Twentieth Century.
Representative literary texts by major Russian writers active since 1905.
One class per week; three assignments.

* 43.314 Introduction to Russian Literature of the Twentieth Century
Representative literary texts by major Russian writers active since 1905.
One class per week; three assignments.

With the approval of the Head of Department certain papers from Russian MA and Honours may be offered as additional Stage III level papers:

Note: Paper 43.311 is substantially similar to 43.411; students will therefore be admitted either to paper 43.311 or to paper 43.411.

Russian for MA and Honours
No student may offer any paper for the MA degree in which he has already been credited with a pass at Stage III.
The specific requirements for Russian are given in MA schedule (24); and for Language and Literature including Russian in MA schedule (16). In both cases, paper 43.410 is compulsory. The prerequisite for each of papers 43.412, 43.413, 43.416 and 43.419 is paper 43.311 or 43.411. The prerequisite for paper 43.417 is 43.311, except in the case of students with sufficient prior knowledge. Paper 43.418 is a requirement for students intending to present a thesis in Russian literature. (Paper 43.411 is not available to those who have taken paper 43.311.)

43.410 Language Acquisition: Russian
43.411 Introduction to Russian and Slavonic Linguistics
*43.412 A Special Topic in Russian Linguistics
*43.413 The History of the Russian Literary Language
43.414 Lexicology and Practical Stylistics of Contemporary Standard Russian
*43.415 A Special Topic in Russian or Slavonic Linguistics
*43.416 Comparative Studies in the Modern Slavonic Languages
43.417 A Special Topic in Serbo-Croatian Linguistics and/or Literature
*43.418 Introduction to Research in Russian Literature
*43.419 Studies in Early Russian Literature
43.420 Studies in Eighteenth-Century Russian Literature
*43.421 A Special Topic in Russian Poetry
*43.422 A Special Topic in Russian Prose
*43.423 A Special Study of a Russian Writer
*43.424 A Topic in Russian Literary Theory and Criticism

1980 Calendar
*43.425 A Further Special Topic
Intending MA Students should consult the Head of Department during their final BA year about the availability of MA papers and the possibility of their presenting a thesis (43.601) in lieu of two papers.

43.601 Thesis

DEPARTMENT OF SOCIOLOGY

Note: *This paper will not be taught during the current Calendar year.
† This paper will not be taught during the current Calendar year unless sufficient staff is available

Sociology I
82.101 The Social Structure of New Zealand
82.102 A History of Sociological Ideas

Sociology II
82.200 Sociological Theory
82.201 Sociological Methods
†82.202 A Topic in Comparative Sociology
Topic for 1980: Urban Problems
†82.203 Sociology of a Selected Region
†82.204 Contemporary Social Problems
†82.205 Social Stratification
†82.206 Regional and Community Development
82.207 Sociology of the Family
†82.208 Special Topic to be prescribed by the Head of Department

Sociology III
82.300 Industrial Sociology
82.301 Political Sociology
†82.302 Sociology of the Family
82.303 Sociology of Religion
82.304 Minority and Ethnic Relations
†82.305 Social Stratification in Australia and New Zealand
82.306 Community Studies
†82.307 Social Change and Modernization
†82.308 Special Topic to be prescribed by the Head of the Department
†82.309 Special Topic to be prescribed by the Head of the Department
†82.310 Special Topic to be prescribed by the Head of Department
†82.311 Special Topic to be prescribed by the Head of Department
82.312 Sociological Analysis
†82.313 Sociology of a selected region
1980: East Central Europe
†82.314 Deviance
82.315 Sociology of the Arts
(Not available to students who have sat 82.309 Sociology of the Arts before 1980)
Work in class and practical work will be taken into account in assessing grades.

Sociology for MA and Honours

Option I: Sociology

Four papers and a thesis (82.601), which shall count as three papers and shall not exceed 30,000
words. With the permission of the Head of Department a student may take five or six papers,
presenting a thesis (82.611) worth two papers, or a research paper (82.603) or dissertation
(82.604) worth one paper. In these cases, the length shall not exceed 20,000 or 10,000 words
respectively.

At least seven papers will be offered from the following list depending on staffing arrange-
ments. All students' courses must be approved by the Head of Department. Students should
consult the Department at the end of the previous year for details and reading lists. Special
arrangements may be made for students previously enrolled in Sociology and qualifying
courses may be available for a limited number of students. Students are strongly recommended
to include 82.400 and 82.401 in their programmes.

82.400 Advanced Problems in Sociological Theory

82.401 Advanced Problems in Sociological Method

82.402 Sociology of a Selected Region
Topic for 1980: to be advised

82.403 Advanced Topics in Economic Sociology

82.404 Advanced Topics in Political Sociology

82.405 Deviance

82.406 Urban Sociology and Ecology

82.407 Rural Sociology

82.408 Complex Organisations

82.409 Industrial Sociology

82.410 Population

82.411 Mass Communications

82.412 Special Topic to be prescribed by Head of Department

82.413 Special Topic to be prescribed by Head of Department

82.414 Special Topic to be prescribed by Head of Department

82.415 Special Topic to be prescribed by Head of Department

82.416 New Zealand Family

Option II: Sociology (Social Welfare and Development)

Four papers and a thesis (82.631) which counts as two papers and a practical placement
(82.613) which counts as one paper; or in exceptional cases where a placement cannot be
arranged to the satisfaction of the Head of the Department, four papers and a thesis (82.621)
which counts as three papers.

Candidates for Sociology (Social Welfare and Development) will normally be graduates in
sociology (with social welfare papers) or have a degree in social work. With approval from
Senate, graduates from subjects other than sociology, e.g. Anthropology and Political Studies,
may be admitted. Candidates who already have an MA degree from the University will be
required to take Option II for Certificate of Proficiency.

All students must take 82.500 and 82.501, two papers from 82.502 to 82.506. In consultation
with the Head of Department an additional paper may be taken from the 82.300 or 82.400
series or with the approval of the relevant Head of Department from other prescribed courses.
The papers may be spread over two years. The thesis shall not exceed 20,000 words in length. A
Faculty of Arts, Prescriptions, Sociology

report (82.613) not exceeding 10,000 words shall be submitted on the practical placement. The placement will be arranged by the Department in an approved agency or institution and will normally be undertaken concurrently with the theoretical studies. Students intending to enrol in 1980 are asked to consult the Head of Department about their course before enrolment.

82.500 The Principles of Social Work and Social Administration
82.501 Social and Community Work Methods
82.502 Social Development and Social Services in New Zealand
†82.503 Social Development and Social Services in E. Europe and W. Europe
†82.504 Human Growth and Development
82.505 Special Topic to be prescribed by the Head of the Department
Topic for 1980: Planning, Futurology
82.506 Special Topic to be prescribed by the Head of the Department

Note: All masters students (Option I and II) taking part in 1980 are expected to attend and contribute to the Staff Graduate Seminars. A programme will be published.
DIPLOMA COURSE REGULATIONS

DIPLOMA IN DRAMA

DipDrama

The personal course of study of every candidate must be approved by the Senate. Approval will normally be granted for courses which are in accordance with the following Regulations: for general provisions affecting their courses of study students are referred to the Enrolment and Course Regulations (General), the Terms Regulations, and the Examination Regulations.

General Provisions
1. Subject to the Admission Ad Eundem Statum Regulations a candidate for the Diploma in Drama shall before his enrolment for this Diploma have been admitted or qualified for admission to the Degree of Bachelor of Arts having passed in not fewer than three papers at Stage II in English, or another European language, or such other subject or subjects as the Senate may approve; or provided that, if not so qualified, a person may with the leave of the Senate be a candidate for this Diploma if before enrolment he —
   (i) has been admitted or qualified for admission to some other university degree approved for this purpose by the Senate; or
   (ii) holds or has qualified for an award or qualification in dramatic work approved for this purpose by the Senate; or
   (iii) has had in the opinion of the Senate extensive experience in the theatre or in teaching drama.
2. A candidate for this Diploma shall follow a course of study for a period of not less than one year.
3. The Course shall consist of such written and practical work as may be prescribed in theatrical, dramatic, and related fields.
4. A candidate shall throughout his enrolment for this Diploma carry out such practical work and shall participate in such approved theatrical work or plays as the Lecturer in charge of the Course shall require.
5. These Regulations shall come into force on 1 January 1977.

DIPLOMA IN EDUCATION

DipEd

The personal course of study of every candidate must be approved by the Senate. Approval will normally be granted for courses which are in accordance with the following Regulations: for general provisions affecting their courses of study students are referred to the Enrolment and Course Regulations (General), the Terms Regulations, and the Examination Regulations.

1. Subject to the Admission Ad Eundem Statum Regulations a candidate for the Diploma in Education shall before his enrolment for this Diploma
   (a) have been admitted or qualified for admission to a degree at a university in New Zealand except as provided in Regulation 2 below or have been awarded or qualified for the award of a University diploma approved by the Senate; and
   (b) have passed papers 14.100 and 14.101 as prescribed for the Degree of Bachelor of Arts, provided that those papers or either of them may with the permission of the Head of Department be taken concurrently with papers in Part I of the course.

Note: Approved diplomas at present are the Diplomas in Fine Arts and Music and the Diplomas in Home Science and Physical Education of the University of Otago. In special circumstances the Senate may permit a candidate who is the holder of a diploma other than those listed above, to undertake the course.

2. Subject to the Admission Ad Eundem Statum Regulations, a candidate may enrol for the Diploma in Education after having completed at least twenty papers for the Bachelor of Arts Degree, or the equivalent in another degree, provided that
   (a) the proposed course for this Diploma will extend over not fewer than two academic years.
   (b) the remaining papers of the Bachelor's degree are taken in the first year of the Diploma course.
   (c) Should the candidate not pass the remaining paper or papers the Diploma course shall be suspended until they have been passed.
3. (a) The course of study for the Diploma in Education shall consist of two parts:
Part I —
Four papers in Education at Stage II or III as prescribed for the Degree of Bachelor of Arts and not having already been credited to a degree or diploma, of which not more than two are at Stage II.

Part II —
A report on an original investigation (14.500) having the value of two papers, of a topic approved by the Head of the Department of Education.
(b) A candidate shall be required to pass each paper in Part I and the original investigation in Part II.

4. As to the investigation and report for Part II —
(a) the topic shall be submitted to the Head of Department in reasonable time before the 31st of March of the year in which the report is to be submitted, so that it may be approved by that date;
(b) the report shall be submitted within three years of the year in which the candidate completes Part I, or within such longer period as the Senate may in special circumstances permit;
(c) the report shall be delivered to the Registrar by 1 November, or later date approved by the Head of Department, of the year in which it is submitted.

Note: (1) A research seminar will be held once a week during the first half of the year for those preparing to carry out an original investigation.
(2) An abstract is to be submitted with the original investigation. (See Examination Regulation 14).

5. Every candidate shall present to the Head of Department a certificate from an approved authority that he has been engaged for at least two years in full-time work in the practice of teaching, or in education work of a related character, such as vocational guidance, child guidance, child welfare, social work or community education, and has shown efficiency therein.

6. The Senate may, in such exceptional cases as it thinks fit, approve a personal course of study which does not conform to the foregoing Regulations.

7. These Regulations shall come into force on 1 January 1977.

DIPLOMA IN EDUCATIONAL PSYCHOLOGY
DipEdPsych

The personal course of study of every candidate must be approved by the Senate. Approval will normally be granted for courses which are in accordance with the following Regulations: for general provisions affecting their courses of study students are referred to the Enrolment and Course Regulations (General), the Terms Regulations and the Examination Regulations.

1. Subject to the Admission Ad Eundem Statum Regulations a candidate for the Diploma in Educational Psychology shall before his enrolment for this Diploma:
(a) have been admitted or have qualified for admission to a Bachelor's Degree; and
(b) have passed the following five papers in Education as prescribed for the Master of Arts Degree:
14.407 Developmental Psychology
14.408 Issues in Deviant Development
14.410 Principles and Practice of Counselling.
14.412 Behaviour Analysis in Education
14.413 Atypical Children
or equivalent papers as approved by the Senate; and (c) have passed 5 papers including at least 3 papers above Stage I as prescribed for the Bachelor of Arts or Science Degree in both Education and Psychology; and
(d) satisfy the Senate that he is likely to benefit from the training provided by the course for this Diploma.

Note: Normally an interview supported by referees' statements, and evidence of training or experience in relevant work such as teaching, youth work, or counselling will be required under 1 (d).

2. A candidate for this Diploma shall follow a course of not less than two years' full-time study nor more than four years' study (whether full or part-time); provided that the latter period may with the permission of the Senate be extended in exceptional circumstances.

3. The course of study for the Diploma shall consist of two Parts:
Part I:
Satisfactory participation in and completion of a full-time professional training course including passing each stage of the on-course assessment requirements (16.100).
Note: The professional training courses are designed to follow on from the theory introduced in each of the five Masters papers listed in 1(b). Course prescriptions may be obtained from the Department.

Part II:
(a) Satisfactory supervised participation in the work of approved psychological, special educational, and social work services, and in seminars on case work and professional practice (16.200).
(b) A comprehensive oral examination covering the work of the whole course (16.201).

4 (a) A candidate shall be required to pass each paper or section of each part of the Diploma.
(b) A candidate who has not passed a section of Part I may, with permission of the Head of Department, take that section concurrently with work in Part II, in the second year.

5. (a) The Diploma may be awarded with Honours.
(b) A candidate for Honours shall be required, after completing the requirements of Parts I and II, to submit a Dissertation (16.202) reporting an advanced study of one of the following types, as approved by the Head of Department:
(i) a survey of the literature bearing on a topic relevant to clinical or professional practice,
or (ii) an original or replication research study,
or (iii) an evaluation of a clinical procedure.
(c) The Dissertation shall be:
(i) submitted within three years of the year in which the candidate completes Part II; and
(ii) delivered to the Registrar by 1 November, or later date approved by the Head of Department, of the year in which it is submitted.

Notes: 1. A research seminar will be held once a week during the first half of the year for those preparing to write a Dissertation.
2. An abstract is to be submitted with the Dissertation: see Examination Regulation 14.
(d) Honours shall be awarded upon the results of the Dissertation but if the Dissertation is not of sufficient standard the Diploma shall be awarded to the candidate without Honours.

6. Under exceptional circumstances the Senate may grant exemption from any of the requirements under Regulations 1, 2 and 3.

Transitional Provisions
7 (i) Students first enrolled for the Diploma under the former Regulations (last published in the 1976 Calendar) before 1977 may complete the requirements for the Diploma under those former regulations, except that completion of course 16.102 shall not be required.

DIPLOMA IN GUIDANCE AND COUNSELLING

DipGuid

The personal course of study of every candidate must be approved by the Senate. Approval will normally be granted for courses which are in accordance with the following Regulations: for general provisions affecting their courses of study students are referred to the Enrolment and Course Regulations (General), the Terms Regulations, and the Examination Regulations.

1. Subject to the Admission Ad Eundem Statum Regulations a candidate for the Diploma in Guidance and Counselling shall before his enrolment for this Diploma
(a) have been awarded or qualified for the award of a Degree of a University in New Zealand, or in special cases have been awarded or qualified for the award of a University Diploma approved by the Senate and,
(b) have passed paper 14.204 The Evaluation of Individual Differences, as prescribed for the Degree of Bachelor of Arts; except that this may be taken concurrently with papers from Regulation 2 (a) with the permission of the Head of the Department of Education.

2. The course of Study for the Diploma shall consist of two Parts:
Part I
(a) Three papers (not already passed for any other degree or diploma) from 14.305, 14.306, 14.309; 14.310, 14.311, 14.312, 14.317 and 14.320; and
(b) papers 14.405 and 14.410 provided that in exceptional circumstances a candidate may substitute for any or all of these papers a course or courses of study approved by the Head of Department.
Part II
Preparation and presentation of a folio of casework, 14.606, counting as three papers; together with satisfactory participation in such seminars and counselling and related activities as the
Head of Department may require.

Note: Most students will require 100 hours or more of face to face counselling work and related activities with clients to attain competence in casework.

3. No more than ten students chosen on academic criteria and personal qualities shall in any one year be admitted for Part II.

4. The folio of casework required for Part II shall be
(a) submitted within three years of the year in which the candidate completed Part I, or within such longer period as the Senate may in special circumstances permit; and
(b) delivered to the Registrar by 1 November, or later date approved by the Head of Department, of the year in which it is submitted.

5. A candidate shall be required to pass each paper of Part I and to pass Part II as a whole.

6. The Senate may in such exceptional cases as it thinks fit, approve a personal course of study which does not conform to the foregoing Regulations.

7. These Regulations shall come into force on 1 January 1977.

DIPLOMA IN LOCAL GOVERNMENT AND ADMINISTRATION
DipLGA

The personal course of study of every candidate must be approved by the Senate. Approval will normally be granted for courses which are in accordance with the following regulations: for general provisions affecting their courses of study students are referred to the Enrolment and Course Regulations (General), the Terms Regulations and the Examination Regulations.

General Provisions

1. Subject to the Admission Ad Eundum Statum Regulations, a candidate for the Diploma in Local Government & Administration shall before his enrolment have been awarded or qualified for the award of a Degree or Diploma of this University, provided that, if not so qualified, a person may with the leave of the Senate be a candidate for the Diploma in Local Government & Administration if before enrolment he:
   (i) holds or has qualified for the award of a professional qualification in Accountancy, Management, or other approved discipline; or
   (ii) has had not less than five years responsible practical experience in a responsible position in local government or administration.

2. A candidate for the Diploma shall pursue a course of study for a period of not less than one year, provided that for part-time students the course of study shall extend over a period of not less than two years.

3. Except with the permission of the Senate in exceptional circumstances,
   (i) the course of study must be completed within four years of the date of first enrolment for the Diploma; and
   (ii) the Research Essay, (Paper 30.603) must be submitted within two years of the date of first enrolment for that paper.

4. A candidate who first enrolled for the Diploma prior to 1980 may until the end of 1981 submit the Research Essay under the Regulations which were in force at the time of his first enrolment.

5. No candidate shall be credited for this Diploma with any paper which he has passed for another degree or diploma.

6. (a) A candidate shall be required in his first year of study to take Part I.
   (b) No candidate shall take papers for Part 2 or for Part 3 unless he has passed or enrolled concurrently in the papers for Part 1.

Subjects
7. The subjects for examination for the Diploma shall be:

Part 1.

Part 2.
Urban Government and Politics 30.402, as prescribed for MA (Candidates who have already been credited with 30.402 may substitute Urban Geography 20.436, as prescribed for MA and MSc).
Part 3.

Either

Two papers from the following:
Local Government Law, 25.366, as prescribed for LLB.
Public Sector Accounting, 01.204 as prescribed for BCom.
Planning Law and Administration, 36.202, as prescribed for BTP and Dip TP.
Public Economics 13.204, as prescribed for BA and BCom.
Macro-economics 13.201, as prescribed for BA and BCom.
Micro-economics 13.200 as prescribed for BA and BCom.
Organisational Studies 72.200, as prescribed for BCom.
Special paper as prescribed for any other Degree or Diploma of this University and approved by the Head of Department.
or
Research Essay 30.603 (which counts as two papers).

Note: An abstract is to be submitted with the Research Essay, see Examination Regulation 14.

Prerequisites or Corequisites.

8. A candidate shall, before taking any of papers 13.200, 13.201, 13.204, 01.204 for this Diploma pass or enrol concurrently in paper 13.100 Micro-economics and paper 13.101 Macro-economics, or have obtained a waiver of this requirement from the Head of the Department of Economics or the Head of Department of Accounting as necessary.

9. These Regulations shall come into force on 1 January 1980.
DIPLOMA COURSE PRESCRIPTIONS

DIPLOMA IN DRAMA

The purpose of the Diploma in Drama is to offer a basic training in theatre to those wishing to work in schools, or in the community.

Candidates wishing to enrol in 1980 in the Course for the Diploma in Drama (75.100) are required to give notice of their intention to the Registrar of the University by letter not later than 20 January 1980.

The entry to the Course in any year is restricted to 20 students.

Selection for places in the Course will be made by Senate on the recommendation of an admissions committee consisting of the Dean of the Faculty of Arts (or his nominee), the Head of the Department of English (or his nominee), the Senior Lecturer in Drama, and one other member elected by the Faculty of Arts.

Candidates may be called for interview and required to produce evidence of qualifications and special skills.

The Course is a full-time course extending over one year.

The Course will include the following:
(i) Fundamentals of acting including speech, movement, mime and improvisation.
(ii) Basic techniques of the theatre, eg lighting, design, wardrobe, administration, direction.
(iii) Television acting and the use of television equipment.
(iv) Study of selected texts from Sophocles to the present day. One or more of the plays studied may be taken to the workshop presentation stage.
(v) Selected aspects from the history of the theatre and drama.
(vi) Selected aspects from the theory of drama.
(vii) Theatre criticism.
(viii) Practical work in production, including creative activity: playwriting, creative drama, and the making of documentary drama.
(ix) Brief exercises in the making of theatre for young people and drama in schools.

A list of books required for study will be available from the department. All students should obtain this.

DEPARTMENT OF POLITICAL STUDIES

DIPLOMA IN LOCAL GOVERNMENT AND ADMINISTRATION

The course for the Diploma in Local Government and Administration may be completed in not less than one year of full-time study or two years of part-time study. Students are required to take the Part I papers in the first year of study.

The prescriptions for the Part I papers in the preceding regulations are given below.

30.500 The New Zealand Local Government System
The evolution, structure and characteristics of the system. Reorganisation schemes and functional features. Local politics, elections and public participation.

30.501 Public Administration
Selected issues in the study and practice of administration with special reference to New Zealand public administration.

30.503 Research Essay
A research essay may be presented in lieu of two papers from Part 3 of the course. It shall consist of 18,000 to 20,000 words on a topic in Local Government Administration or Politics.
Faculty of Science

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274 Department of Geology.
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Diploma Course Prescriptions

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301 Diploma in Computational Mathematics.
301 Diploma in Energy Technology (Geothermal).
302 Diploma in Mathematical Education.
302 Diploma in Optometry.

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305 Certificate in the Principles and Practice of Radiochemistry.
DEGREE COURSE REGULATIONS

THE DEGREE OF BACHELOR OF SCIENCE

BSc

The personal Course of study of every candidate must be approved by the Senate. Approval will normally be granted for Courses which are in accordance with the following regulations: for general provisions affecting their Courses of study students are referred to the Enrolment and Course Regulations (General), the Terms Regulations and the Examination Regulations.

1. Except as provided in the Admission Ad Eundem Statum Regulations a candidate for the degree of Bachelor of Science shall follow a Course of study of not fewer than three years.

2. In these Regulations
(a) a 'course' is an independently assessed segment of work in a subject, the successful completion of which results in the award of credits as set out in the Schedule to these Regulations.
(b) courses are classified as Stage I (papers numbered .100-.199), Stage II (.200-.299) and Stage III (.300-.399).
(c) for the purposes of these Regulations, courses for the Degree of Bachelor of Science in the Subject Biology will count as courses in Botany or Zoology, but not in both.

3. A complete Course of study requires the gaining of 96 credits, of which
(a) at least 36 are from courses above Stage I
(b) at least 12 are from Stage III courses in the Faculty of Science
(c) at least 48 are from courses in the Subjects Biochemistry, Biology, Botany, Cell Biology, Chemistry, Computer Science, Geology, Mathematics, Physics and Zoology and of these at least 12 are from the subjects of Physics or Chemistry or both.

Course Load
4. A candidate may not enrol in any one year for courses totalling more than 50 credits.
5. A candidate may not take in any one year any combination of either
(a) Stage II and Stage III courses, or
(b) Stage III courses
in which practical work is involved where the total credits exceed 30.
6. Except as provided in Regulation 9, a candidate may not enrol for a Stage II course until he has 24 Stage I credits.

Practical Work Requirements.
7. A candidate in any course of the subjects Biochemistry, Biology, Botany, Cell Biology, Chemistry, Geography, Geology, Psychology and Zoology, must pass, besides the written examination, in such practical work as may be prescribed by the Head of Department provided that the candidate's mark in such practical work may, with the leave of the Senate, be carried forward to a subsequent year.

Credit for Other Courses.
8(a) The Senate may permit a candidate to take for this Degree up to a limit of 12 credits calculated in accordance with the schedule to this Regulation any of the courses or subjects, not presented for this Degree, to which this Regulation applies.
(b) This Regulation applies to any course or subject (as the case may be) (i) prescribed and defined in the Regulations for any of the Degrees of BArch, BA, BCom, BE, LLB, LLB (Hons), and (ii) not the same as or substantially overlapping with any course prescribed for this Degree.

SCHEDULE

| Arts       | per paper | 5 credits |
| Commerce   | per paper | 5 credits |
| Architecture | per credit | 1 credit |
| Engineering | full year subject | 6 credits |
|            | half year subject | 4 credits |
| Law        | per hour of teaching | 2 credits |
|            | per week (in any subject taken) | 2 credits |

9. Notwithstanding anything in Regulation 6 the Senate may permit a candidate to enrol for Stage II courses in Biology, Botany, Chemistry, Geography, Physics, Mathematics or Zoology without having passed the prescribed prerequisite courses provided that:
(a) The candidate shall only be credited with a pass in the Stage II course and not in the prerequisite course.
(b) A candidate failing the Stage II course may be credited with a pass at Stage I if the examiner certifies he has reached that level.
(c) Where the candidate gained at least 12 credits under this Regulation in Stage II courses in Biology, Botany, Chemistry, Geography, Physics, Pure Mathematics or Zoology he may also include in his Course of study, two papers as prescribed for the Degree of Bachelor of Arts in addition to any Course that may be taken under Regulation 8 of these Regulations. Five credits will be given for each paper passed.

Entry with NZCS
10. Notwithstanding anything in these Regulations a candidate who has passed with merit the written and practical examinations for the New Zealand Certificate of Science or other recognised technical qualifications of comparable standard may be credited with such specified courses, and/or given such unspecified credits not exceeding 36 credits in total, as the Senate may determine.

Note: Any such candidate who has not passed the University Entrance Examination shall apply for admission under the Special Admission Regulations.

Cross-Credits, Credit and Exemptions
11 (1)(a) A candidate who has passed the Intermediate Examination for the Degree of Bachelor of Engineering, may be credited with subjects of that Examination as equivalent courses for the Course of study governed by the Regulations for this Degree, up to a maximum of 42 Stage I credits.
(b) A candidate who has been enrolled for the Degree of Bachelor of Engineering without taking the Intermediate Examination for that degree, may not be credited with the subjects of that examination as equivalent courses but may be credited up to a maximum of 36 Stage I credits on qualifying for the Degree of Bachelor of Engineering.
(c) The 42 credits available under Regulation 11(a) above supersedes the maximum 36 credits available under the enrolment and Course Regulations.
(2)(a) A candidate who has passed the Intermediate Examination for the Degree of Bachelor of Engineering and who has also passed for that degree
(i) Engineering Mathematics II and Engineering Mathematics III prior to 1972 or
(ii) Engineering Mathematics I (or prior to 1980) Engineering Mathematics IA and IB and
Engineering Mathematics II.
shall be credited with Mathematics 240 and 260 plus 4 unspecified Stage II science credits for the course of study governed by the Regulations for this degree.
(b) Credits under Regulation 2(a) above shall be additional to any permitted to a candidate under Regulation 11(1) of this degree.
(3) A candidate receiving credits under 11(1) or 11(2) above shall not receive any credits under Regulation 11(2).
(4) A candidate who has completed the course for a Degree of Bachelor of Engineering shall normally be expected to study for at least two additional years to complete the Degree of Bachelor of Science.
12. A candidate who holds the Diploma in Optometry may be credited with the courses Psychology 108, Psychology 109 and three courses at advanced levels in Psychology for this Degree in addition to any units (or subjects) which he may be entitled to transfer by way of cross-credit under Regulation 12 of the Enrolment and Course Regulations (General).

Transitional Provisions
13. (a) Except as otherwise provided in this Regulation, the Course of study of every candidate shall be governed by these Regulations.
(b) A candidate who gained credit in any unit or units under any of the former Regulations for this Degree, shall be credited with such equivalent course or courses as the Senate shall determine.
(c) For candidates who enrolled for this Degree before 1973 the subject prerequisites, corequisites and restrictions, where not covered by these Regulations, shall be determined by the Head of the Department concerned.
Exceptions
14. (a) The Senate may in such exceptional cases as it thinks fit approve a personal Course of study which does not conform to the foregoing Regulations.
(b) Every application for approval under this Regulation shall be submitted by the candidate in writing to the Registrar.
15. These Regulations shall come into force on January 1 1973.

SCHEDULE
1. This schedule sets out course numbers, examination numbers, credits, prerequisites, corequisites, and restrictions applying to Courses of study offered for the Degree of Bachelor of Science.
2. The schedule shall be read with the Regulations for the Degree and with the prescriptions set out elsewhere in the Calendar.
3. The heading 'prerequisites' in relation to a course refers to other courses which must be passed before the candidate may take that course.
4. The heading 'corequisites' in relation to a course refers to other courses which must be taken concurrently with that course or have been passed in a previous year.
5. The heading 'restrictions' in relation to a course refers to a course which cannot be taken together with that course.
6. A candidate may not take a further stage of a course until he satisfied all prerequisite and corequisite requirements for that course.
<table>
<thead>
<tr>
<th>Subjects</th>
<th>Course No</th>
<th>Title of Course</th>
<th>Total Lecture Hours</th>
<th>Minimum Lab Hours</th>
<th>Credits</th>
<th>Prerequisites</th>
<th>Corequisites</th>
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<tr>
<td>BIOCHEMISTRY</td>
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<tr>
<td>Bio</td>
<td>66.201</td>
<td>Introductory Biochemistry</td>
<td>46</td>
<td>12x6</td>
<td>6</td>
<td>8.101 or 8.100; 39.101 or permission from Head of Department.</td>
<td></td>
<td>The course will be restricted to 70 students</td>
</tr>
<tr>
<td>Bio</td>
<td>66.301</td>
<td>Biochemistry of Macromolecules</td>
<td>46</td>
<td>12x6</td>
<td>6</td>
<td>(a) Biochem 66.201; (b) Chemistry 230 plus 12 credits from any Stage II or Stage III level Science courses.</td>
<td></td>
<td>Entry may be restricted if the number of applicants exceeds the number of laboratory places.</td>
</tr>
<tr>
<td>Bio</td>
<td>66.302</td>
<td>Metabolic Interrelationships</td>
<td>46</td>
<td>12x6</td>
<td>6</td>
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<td></td>
</tr>
</tbody>
</table>

<p>| BOTANY                                           |           |                                              |                     |                  |         |                                |              |                                     |
| Bio      | 39.101    | Central Concepts of Biology                  | 46                  | 12x3             | 6        |                                |              |                                     |
| Bot      | 06.102    | Form &amp; Function in Plants                    | 46                  | 12x3             | 6        |                                |              |                                     |
| Bio      | 39.207    | Biometry                                     | 23                  | 6x6              | 3        |                                |              |                                     |
| Bio      | 39.212    | Coastal Marine Biology                       | 23                  | 6x6              | 3        | Zoo 102                         |              |                                     |
|          |           |                                              |                     |                  |         |                                |              |                                     |
|          |           |                                              |                     |                  |         |                                |              |                                     |</p>
<table>
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<tr>
<th>Subjects</th>
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<th>Minimum Lab Hours</th>
<th>Credits</th>
<th>Prerequisites</th>
<th>Corequisites</th>
<th>Restrictions</th>
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<tr>
<td>Bot</td>
<td>06.201</td>
<td>Lower Plants (taught in odd numbered years only)</td>
<td>46</td>
<td>12x6</td>
<td>6</td>
<td>Bot 301</td>
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<tr>
<td>Bot</td>
<td>06.202</td>
<td>Higher Plants (Taught in even numbered years only)</td>
<td>46</td>
<td>12x6</td>
<td>6</td>
<td>Bot 102, Bio 101</td>
<td>Bot 302, Bot 291</td>
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<tr>
<td>Bot</td>
<td>06.221</td>
<td>Plant Physiology</td>
<td>23</td>
<td>6x6</td>
<td>3</td>
<td>Bio 101, Bot 102, Zoo 102</td>
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<td>Bio 207</td>
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<tr>
<td>Bio</td>
<td>39.307</td>
<td>Biometry</td>
<td>23</td>
<td>6x6</td>
<td>3</td>
<td>Bio 101, Bot 102, Zoo 102</td>
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<td></td>
</tr>
<tr>
<td>Bio</td>
<td>39.311</td>
<td>Freshwater Ecology</td>
<td>23</td>
<td>6x6</td>
<td>3</td>
<td>Bio 101, Bot 102, Zoo 102</td>
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<td>Bio 207</td>
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<tr>
<td>Bio</td>
<td>39.312</td>
<td>Coastal Marine Biology</td>
<td>23</td>
<td>6x6</td>
<td>3</td>
<td>Bio 211, 213, Plus 9 credits at Stage II level in Bio, Bot and/or Zoo</td>
<td>Bio 207 or Bio 307</td>
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<tr>
<td>Bio</td>
<td>39.313</td>
<td>The Ecology and Biogeography of Terrestrial Ecosystems</td>
<td>23</td>
<td>6x6</td>
<td>3</td>
<td>Bio 211, 213, Plus 9 credits at Stage II level in Bio, Bot and/or Zoo</td>
<td>Bio 207 or Bio 307</td>
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<tr>
<td>Bio</td>
<td>39.314</td>
<td>Applied Ecology</td>
<td>23</td>
<td>6x6</td>
<td>3</td>
<td>Bio 211, 213, Plus 9 credits at Stage II level in Bio, Bot and/or Zoo</td>
<td>Bio 207 or Bio 307</td>
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<tr>
<td>Bio</td>
<td>39.316</td>
<td>Biological Oceanography</td>
<td>23</td>
<td>6x6</td>
<td>3</td>
<td>Bio 211, Zoo 201/301 and 6 credits at Stage II level in Bio, Bot and/or Zoo</td>
<td>Bot 271</td>
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<tr>
<td>Bot</td>
<td>06.301</td>
<td>Lower Plants (Taught in odd numbered years only)</td>
<td>46</td>
<td>12x6</td>
<td>6</td>
<td>Stage II level in Bio, Bot and/or Zoo</td>
<td>Bot 271</td>
<td></td>
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<tr>
<td>Bot</td>
<td>06.302</td>
<td>Higher Plants (Taught in even numbered years only)</td>
<td>46</td>
<td>12x6</td>
<td>6</td>
<td>Stage II level in Bio, Bot and/or Zoo</td>
<td>Bot 271</td>
<td></td>
</tr>
<tr>
<td>Subjects</td>
<td>Course No</td>
<td>Title of Course</td>
<td>Total Lecture Hours Per Course</td>
<td>Minimum Lab Hours</td>
<td>Credits</td>
<td>Prerequisites</td>
<td>Corequisites</td>
<td>Restrictions</td>
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<tr>
<td>Bot</td>
<td>06.321</td>
<td>Plant Physiology</td>
<td>23</td>
<td>6x6</td>
<td>3</td>
<td>Bot 221</td>
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<tr>
<td>Bot</td>
<td>06.325</td>
<td>Differentiation in Plants</td>
<td>23</td>
<td>6x6</td>
<td>3</td>
<td>Bot 221</td>
<td>Bot 202/302</td>
<td>Bot 322</td>
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<tr>
<td>Bot</td>
<td>06.331</td>
<td>Plant Pathology 1</td>
<td>23</td>
<td>6x6</td>
<td>3</td>
<td>Bot 221</td>
<td>Bot 201/301</td>
<td>Bot 351</td>
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<tr>
<td>Bot</td>
<td>06.332</td>
<td>Plant Pathology 2</td>
<td>23</td>
<td>6x6</td>
<td>3</td>
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<td>Bio 207, Bot 331</td>
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<tr>
<td>Bot</td>
<td>06.333</td>
<td>Plant Pathology 3</td>
<td>23</td>
<td>6x6</td>
<td>3</td>
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<td>Bot 331</td>
<td>See note 4</td>
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<tr>
<td>Bot</td>
<td>*06.341</td>
<td>Genetics</td>
<td>23</td>
<td>6x6</td>
<td>3</td>
<td>Bot 331</td>
<td>Bot 201/301</td>
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<tr>
<td>Bot</td>
<td>06.361</td>
<td>Advanced Plant Taxonomy</td>
<td>23</td>
<td>6x6</td>
<td>3</td>
<td></td>
<td>Bot 202/302</td>
<td></td>
</tr>
</tbody>
</table>

Note: 1. Minimum enrolment in any one Botany course — 4 students.
2. A student may not enrol for more than six credits in Botany III until he has passed in nine credits from Bio 213, Bot 201, 202 and 221.
3. In exceptional circumstances, with the approval of the Head of Department, one or more prerequisites may be taken as corequisites.
4. Students enrolled in Botany 333 who are taking or have passed Cell Biology 302 or 305 will be required to submit assignments in place of Virology laboratories in Botany 333.
5. Botany 301 will be available for the first time in 1981, Botany 302 in 1980.

**CELL BIOLOGY**

<table>
<thead>
<tr>
<th>Cell Bio 40.303</th>
<th>Molecular and Cellular Biology</th>
<th>46</th>
<th>12x6</th>
<th>6</th>
<th>(i) Chem 101 and 102 or Chem 100. (ii) 12 credits from any course in Botany, Biology, Zoology or Biochemistry. (iii) 18 credits from any Stage II or Stage III Science courses.</th>
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</thead>
<tbody>
<tr>
<td>40.304</td>
<td>Molecular Genetics</td>
<td>46</td>
<td>12x6</td>
<td>6</td>
<td>40.303</td>
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<tr>
<td>40.305</td>
<td>Virology and Immunology</td>
<td>46</td>
<td>12x6</td>
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<td>40.303</td>
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<tr>
<td>Subjects</td>
<td>Course No</td>
<td>Title of Course</td>
<td>Total Lecture Hours Per Course</td>
<td>Minimum Lab Hours</td>
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<tr>
<td>Chem</td>
<td>08.100</td>
<td>Accelerated Stage I Course</td>
<td>46 23x3</td>
<td>8</td>
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<tr>
<td>Chem</td>
<td>08.101</td>
<td>Principles of Organic Chemistry</td>
<td>46 12x3</td>
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<tr>
<td>Chem</td>
<td>08.102</td>
<td>Principles of Inorganic Chemistry</td>
<td>46 12x3</td>
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<tr>
<td>Chem</td>
<td>08.210</td>
<td>Physical, Analytical &amp; General Chemistry</td>
<td>46 12x6</td>
<td>6</td>
<td>08.101 or 08.102 or 08.100</td>
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<tr>
<td>Chem</td>
<td>08.220</td>
<td>Inorganic, Structural &amp; Theoretical Chemistry</td>
<td>46 12x6</td>
<td>6</td>
<td>08.101 or 08.102 or 08.100</td>
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<tr>
<td>Chem</td>
<td>08.230</td>
<td>Organic Chemistry</td>
<td>46 12x6</td>
<td>6</td>
<td>08.101 &amp; 08.102 or 08.100</td>
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<td>Chem</td>
<td>08.270</td>
<td>Environmental Chemistry</td>
<td>23 12x3</td>
<td>3</td>
<td>08.101 &amp; 08.102 or 08.100</td>
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<tr>
<td>Chem</td>
<td>08.310</td>
<td>General Physical Chemistry</td>
<td>23 36</td>
<td>3</td>
<td>08.210</td>
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<tr>
<td>Chem</td>
<td>08.311</td>
<td>Molecular Physical Chem</td>
<td>23 36</td>
<td>3</td>
<td>08.210</td>
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<tr>
<td>Chem</td>
<td>08.320</td>
<td>Inorganic Chemistry</td>
<td>23 36</td>
<td>3</td>
<td>08.220</td>
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<td>Chem</td>
<td>08.321</td>
<td>Physical-Inorganic Chem</td>
<td>23 36</td>
<td>3</td>
<td>08.220</td>
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<tr>
<td>Chem</td>
<td>08.331</td>
<td>Advanced Organic Chem (a) Structure &amp; Mechanisms</td>
<td>23 36</td>
<td>3</td>
<td>08.230</td>
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</tbody>
</table>

Note: (a) This course may not be taught in 1980 if less than 10 students enrol for it.
(b) Credit for 08.101 or 08.102 may be given in lieu of 08.100 for inadequate performance in 08.100.
<table>
<thead>
<tr>
<th>Subjects</th>
<th>Course No</th>
<th>Title of Course</th>
<th>Total Lecture Hours Per Course</th>
<th>Minimum Lab Hours</th>
<th>Credits</th>
<th>Prerequisites</th>
<th>Corequisites</th>
<th>Restrictions</th>
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<tbody>
<tr>
<td>Chem</td>
<td>08.330</td>
<td>Advanced Organic-Chem (b) Reactions &amp; Synthesis</td>
<td>23</td>
<td>36</td>
<td>3</td>
<td>08.230</td>
<td>08.331</td>
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<tr>
<td>Chem</td>
<td>08.340</td>
<td>Structural Methods</td>
<td>32</td>
<td>20</td>
<td>3</td>
<td>08.210, 08.220 and 08.230</td>
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<tr>
<td>Chem</td>
<td>08.350</td>
<td>Elementary Radiochemistry</td>
<td>10</td>
<td>36</td>
<td>2</td>
<td>08.101 and 08.102 (or 08.100) and 08.210</td>
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<tr>
<td>Chem</td>
<td>08.351</td>
<td>Advanced Radiochemistry</td>
<td>10</td>
<td>36</td>
<td>2</td>
<td>08.101 and 08.102 (or 08.100) &amp; 08.210</td>
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<td>Chem</td>
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<td>16</td>
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<td>Chem</td>
<td>†08.390</td>
<td>Advanced Topics in Chemistry</td>
<td>By arrangement</td>
<td>By arrangement</td>
<td>3</td>
<td>08.310, 08.311, 08.320, 08.321, 08.330, 08.331, 08.340, 08.350, 08.351, 08.360</td>
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**COMPUTER SCIENCE**

Note: (i) For prerequisite purposes 07.190, 07.191, 07.290 may be regarded as being equivalent to the former Mathematics papers 26.190, 26.191, 26.290 respectively.

(ii) Prior to 1980 paper 07.340 was numbered 07.320.

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**MATHEMATICS, APPLIED**

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**MATHEMATICS, PURE**

Note: For prerequisite purposes 26.200 may be regarded as being equivalent to 26.221 and 26.241.

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Note: Any number of 400 level courses may be taken with the prior permission of the Head of Department.

Each such course shall have the credit value shown in the MSc. Prescriptions.
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Note: (a) Credit for 31.115 may be given in lieu of 31.110 for an inadequate performance in this course. Credit for 31.110 may be given for a very good performance in 31.115.
(b) Credit for 31.125 may be given in lieu of 31.120 for an inadequate performance in this course. Credit for 31.120 may be given for a very good performance in 31.125.
(c) Credit for 31.110 or 31.115 and for 31.120 or 31.125 may be given in lieu of 31.113 and 31.123 for students who do not wish to continue in engineering.
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Note: Not more than two of the courses 31.210-31.250 may be credited towards the degree unless 31.290 is also credited.

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(or 23x3)
### PSYCHOLOGY

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Note: Not more than three of the courses 31.312-31.385 may be credited towards the degree unless at least one of the courses 31.390-31.392 is also credited.
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<td>6x6</td>
<td>3</td>
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<td>38.205</td>
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<td>Entomology</td>
<td>23</td>
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<td>38.209</td>
<td>Zoo</td>
<td>Comparative Physiology</td>
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<td>6x6</td>
<td>3</td>
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<td></td>
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<td>39.207</td>
<td>Bio</td>
<td>Biometry</td>
<td>23</td>
<td>6x6</td>
<td>3</td>
<td>Bio 101 Bot 102, Zoo 102</td>
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<td>Bio 307</td>
</tr>
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<td>Bio</td>
<td>Coastal Marine Biology</td>
<td>23</td>
<td>6x6</td>
<td>3</td>
<td>Bio 101 Bot 102, Zoo 102</td>
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<td>Bio 213</td>
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<td>Title of Course</td>
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<td>Minimum Lab Hours</td>
<td>Credits</td>
<td>Prerequisites</td>
<td>Corequisites</td>
<td>Restrictions</td>
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<tr>
<td>Zoo</td>
<td>38.301</td>
<td>Non-chordate Zoology (1981)</td>
<td>46</td>
<td>12x6</td>
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<td>Zoo 202</td>
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<td>Zoo 201</td>
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<tr>
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<td>38.302</td>
<td>Chordate Zoology (1980)</td>
<td>46</td>
<td>12x6</td>
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<td>Zoo 201</td>
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<td>38.303</td>
<td>Animal Orientation</td>
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<td>Social Behaviour of Animals</td>
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<td>Entomology</td>
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<td>39.307</td>
<td>Biometry</td>
<td>23</td>
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<td>Comparative Physiology</td>
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<td>38.310</td>
<td>Animal Morphogenesis</td>
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<td>6x6</td>
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<td>Zoo 201</td>
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<td>Bio</td>
<td>39.311</td>
<td>Freshwater Ecology</td>
<td>23</td>
<td>6x6</td>
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<td>15 credits at Stage II level in Bio Bot and/or Zoo</td>
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<td>39.312</td>
<td>Coastal Marine Biology</td>
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<td>6x6</td>
<td>3</td>
<td>As for 311</td>
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<td></td>
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<tr>
<td></td>
<td>39.313</td>
<td>Ecology and Biogeography of Terrestrial Ecosystems</td>
<td>23</td>
<td>6x6</td>
<td>3</td>
<td>Bio 211, 213 plus 9 credits at Stage II level in Bio, Bot and/or Zoo</td>
<td>Bio 207 or 307</td>
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<tr>
<td></td>
<td>39.314</td>
<td>Applied Ecology</td>
<td>23</td>
<td>6x6</td>
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<td>As for 311</td>
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<tr>
<td></td>
<td>39.316</td>
<td>Biological Oceanography</td>
<td>23</td>
<td>6x6</td>
<td>3</td>
<td>Zoo 201/301 and 9 credits at Stage II level, in Bio, Bot and/or Zoo (Bio 211 is desirable)</td>
<td></td>
<td></td>
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<tr>
<td>Subjects</td>
<td>Course No</td>
<td>Title of Course</td>
<td>Total Lecture Hours</td>
<td>Minimum Lab Hours</td>
<td>Credits</td>
<td>Prerequisites</td>
<td>Corequisites</td>
<td>Restrictions</td>
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</table>

**Notes:**
(a) The first 12 credits obtained in courses Zoology 201-309 inclusive and Biology 207/307, 211, 216 shall be deemed to be at the Stage II level. Others will be credited as Stage III credits. Students passing one of the basic courses (201, 202) at second year will be automatically enrolled at Stage III level for the second of these courses in the third year.
(b) Chordate Zoology and Non-chordate Zoology are taught in alternate years. Non-chordate Zoology will be taught in 1981.
(c) Any candidate majoring in another subject may, with the permission of the Head of Department, take up to two courses in Zoology without fulfilling the prerequisites and corequisites listed in the schedule.

*Starred papers will not be taught during the current Calendar year.*
†Daggered papers will not be taught during the current Calendar year unless sufficient staff is available.
THE DEGREE OF BACHELOR OF SCIENCE (HONOURS)
BSc(Hons)

The personal Course of study of every candidate must be approved by the Senate. Approval will normally be granted for Courses which are in accordance with the following regulations: for general provisions affecting their Courses of study students are referred to the Enrolment and Course Regulations (General), the Terms Regulations and the Examination Regulations.

1. The Degree may be awarded in each of the following Honours Schools:
   Geology
   Mathematics

2. Admission to the Course of study for the Degree of Bachelor of Science (Honours) shall be at the discretion of the Senate and shall be given at either the end of the second year or third year after matriculation provided that where the proviso to Regulation 8 applies, admission may be granted at the end of the third or fourth year after matriculation.

3. No candidate shall be admitted to an Honours School without the approval of the Head of Department of that School and of the Senate. Such approval shall be granted or withheld upon a consideration of the candidate's performance in the courses of University study already pursued by the candidate and particularly in the courses required as prerequisites to that Honours School.

4. No candidate may be awarded the degree of Bachelor of Science (Honours) if he has previously been awarded the degree of Bachelor of Science of this University.

5. In each Honours School a candidate's Course of study for the Degree shall comprise:
   (a) such prerequisites, being courses prescribed for the Degree of Bachelor of Science, and
   (b) such Honours Parts (being Parts III and IV, or Part IV as the case may be) and
   (c) such Foreign Language requirements as the Head of the Department within the Honours School may prescribe, and
   (d) such courses in other subjects as may be required and prescribed in that Honours School under Regulation 14:
      provided that
      (i) except where the Senate in its discretion otherwise permits, the number of prerequisite courses shall be not fewer than 72 credits in a case of entry into an Honours School at the end of the second year after matriculation and not fewer than 96 in a case of entry at the end of the third such year;
      (ii) in the case of any prerequisite subject and with the approval of the Senate, if the candidate has been permitted to enrol for and has passed at Stage II without having passed at Stage I, Stage II may be substituted for Stage I, and Stage III may then be substituted for Stage II;

6. A candidate in any subject for this Degree where practical work is prescribed, must pass beside the written examination, in such practical work as may be prescribed by the Head of the Department.

Withdrawal and Exclusion from Course

7. A candidate may withdraw from the Honours School and be granted such credits and exemptions for courses for the Degree of Bachelor of Science as the Senate shall determine.

8. A candidate shall be required to pass as a whole each Part of the Honours Course of study so that his performance in all courses comprising this Part shall be considered: provided that a candidate who has failed to pass an Honours Part as a whole may in such exceptional circumstances as the Senate approves be credited with a course or courses of that Part and permitted in a subsequent year to present the course or courses not so credited, together with (if the Senate permits) a course or courses of the next succeeding Part. The candidate shall then be required in that year to pass as a whole in all the courses so presented upon the same conditions as those herein prescribed.

9. A candidate shall sit his final examinations for the degree within four years of his matriculation: provided that at the discretion of the Senate the period may be extended to five years
   (a) where a candidate first enrolled in the subject of his Honours School in his second year after matriculation, or
   (b) in any special circumstances.

10. A candidate who, on the results of his examination, does not reach the standard required in the Honours School in which he is enrolled, shall be excluded by the Senate from the Honours School but he may be granted such credits and exemptions for courses for the Degree of
Bachelor of Science as the Senate shall determine.

Classes of Honours
11. The Degree of Bachelor of Science (Honours) may be awarded with First Class or Second Class Honours. Second Class Honours shall be awarded in either First Division or Second Division. The class of Honours awarded shall be determined primarily on the performance of the candidate in the examinations in his final year but account may be taken of his work throughout his Course of study.
12. The Senate may determine in respect of any candidate who fails to qualify for the Degree that he be awarded the Degree of Bachelor of Science or be credited with courses towards that Degree or be credited with the Degree of Bachelor of Science together with appropriate credits towards the Degree of Master of Science.

Transfer to BSc (Hons)
13. The Senate may, on written application by a candidate for the Degree of Bachelor of Science and without payment of a fee, grant him permission to transfer to a Course of study under these Regulations and allow him to be credited with a pass in such courses as the Senate shall determine.

Requirements of Honours Schools
14. Subject to the provisos to Regulation 5, the Honours Courses of study with subject and courses of examination are as follows:

Geology
Prerequisites
(a) For a candidate seeking admission to the Honours School at the end of his second year after matriculation.
Geology, four courses, totalling 24 credits.
Chemistry 100, or Chemistry 101 and 102
and 36 credits from other courses in any of the following subjects:
Botany, Chemistry, Geology, Mathematics, Physics, Zoology, or in any other subject approved by the Head of Department.
(b) For a candidate seeking admission to the Honours School at the end of his third year after matriculation.
Structure of Course of study as specified for entry at the end of the second year.
In special cases, with the approval of the Head of Department of Geology, courses at an advanced level in any other subjects may be substituted for any of the above, provided that the candidate has gained at least 12 credits from Geology Stage III courses.

Geology Honours Part III
(Geology courses totalling not fewer than 24 credits, together with practical work).
Part III shall contain courses prescribed as Geology second or third year courses, for a total of not fewer than 24 credits. In special cases, with the approval of the Head of the Department of Geology, advanced courses of other subjects may be substituted for Geology courses, provided that the Course of study contains Geology courses totalling at least 12 credits.

Geology Honours Part IV
(Three-papers together with practical work and thesis).
The student shall follow one year's Course of study approved by the Head of the Department of Geology and carry out an original investigation on an approved topic.* The examination shall consist of three papers prescribed for the Degree of Master of Science (21.401, 21.402, 21.403, 21.404, 21.405, 21.406 and 21.408) and a thesis embodying the results of the investigation which shall be equivalent to one paper. The thesis shall be delivered to the Registrar at the beginning of the second half of the second term.

*Notes: (i) Intending students should consult the Head of Department about the research topic immediately after completing the papers for Part III.
(ii) The language for the Foreign Language Reading Examination will be French, German, Russian, or other language approved by Senate and this examination should be taken as early as possible.
(iii) An abstract is to be submitted with each copy of the thesis, see Examination Regulation 14.

Mathematics
Prerequisites
(a) For a candidate seeking admission to the Honours School at the end of his second year
after matriculation,
A total of 72 credits from the following subjects:
Mathematics, Chemistry, Physics, or in any other subject approved by the Head of the Depart-
ment of Mathematics provided that prerequisite courses, together with the papers selected for
Part III, will enable the candidate to attain a level equivalent to the prerequisites for entry to
Part IV.
(b) For a candidate seeking admission to the Honours School at the end of his third year after
matriculation, Mathematics 220, 240, 260 (or 261 if passed before 1978) plus twenty 300 or 400
level credits approved by the Head of the Mathematics Department. Of those twenty credits at
least 16 shall be from courses in Mathematics; except that in special circumstances the Head of
Department may approve a minimum of 12 such mathematical credits.

Mathematics Honours Part III
(24 credits in courses approved by the Head of Department of Mathematics).
Part III shall consist of courses approved by the Head of Department of Mathematics totalling
24 credits and including such Mathematics papers as will enable attainment of a level equiva-
lent to the prerequisites for entry to Part IV.

Mathematics Honours Part IV
(20 credits in courses approved by the Head of the Department of Mathematics).
Part IV shall consist of papers approved by the Head of the Department of Mathematics
totalling 20 credits. Normally these will be selected from papers Mathematics 400 to 499 and
Computer Science 490 to 499, provided that up to four credits may be replaced by four stage
credits from papers in Mathematics and Computer Science.

THE DEGREE OF MASTER OF SCIENCE
MSc
The personal Course of study of every candidate must be approved by the Senate. Approval will
normally be granted for Courses which are in accordance with the following regulations: for
general provisions affecting their Courses of study students are referred to the Enrolment and
Course Regulations (General), the Terms Regulations and the Examination Regulations.

General Provisions
1. Subject to the Admission Ad Eundem Statum Regulations, a candidate for the Degree of
Master of Science shall before his enrolment for this Degree
(a) (i) have been admitted or qualified for admission to the Degree of Bachelor of Science,
except as provided in Regulation 2, below, or
(ii) have passed the following subject prerequisites or have passed the subject he offers in the
final year of the course for the Degree of Bachelor of Science (Honours), or
(iii) in the subject Psychology in lieu of the requirement of paragraph (i) of this clause have
been awarded or qualified for the award of the Diploma in Optometry;
(b) have passed the following subject prerequisites or have passed the subject he offers in the
final year of the course for the Degree of Bachelor of Science (Honours); provided that in
special cases recommended by the Head of the Department the Senate may exempt the candi-
date from this requirement:
Biochemistry Biochemistry 301 and 302
Botany 24 Stage III credits including at least 12 Stage III credits from Botany and/or Biology.
Cell Biology Either Cell Biology 301 and 302; or Cell Biology 303 and at least six credits from
Cell Biology 304 and 305.
Chemistry 08.210, 08.220, 08.230 and 18 credits from courses 08.310-08.391.
Computer Science. Twenty 300 or 400 level credits approved by the Head of the Computer
Science Department. Of these 20 credits at least 16 shall be from courses in Computer Science;
except that in special circumstances the Head of Department may approve a minimum of 12
such Computer Science credits.
Geography 24 Stage III credits including at least 12 Stage III credits from Geography.
Geology 24 Stage III credits including at least 12 Stage III credits from Geology.
Mathematics Mathematics 220 or 221, 240 or 241, 260 (or 261 if passed before 1978) plus
twenty 300 or 400 level credits approved by the Head of the Mathematics Department. Of

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those twenty credits at least 16 shall be from courses in Mathematics and Computer Science; except that in special circumstances the Head of Department may approve a minimum of 12 such credits from Mathematics and Computer Science.

**Physics** Physics 210, 220, 240, 250, 290; and 22 credits from courses approved by the Head of Department, including at least 12 credits from the courses Physics 310-385 and at least 6 credits from the laboratory courses Physics 390-393.

**Psychology**
(i) either 24 Stage III credits including at least 12 stage III credits from Psychology; or
(ii) the completed requirements for the Diploma in Optometry.

**Zoology** 24 stage III credits, including at least 12 Stage III credits from Zoology or Biology.
(c) have passed with an average Grade of C+ or better, either in all Stage III courses prescribed for the Degree of Bachelor of Science which are prerequisites for the subject taken for this Masters Degree; or in all subjects in Division IV for the Diploma of Optometry if that Diploma is the prerequisite for the subject Psychology taken for this Degree; provided that the Heads of Department may at their discretion approve a lower grade for the purpose of this clause.

2. With the approval of the Head of Department, a candidate may enrol for this degree after having gained at least 90 credits, including 36 credits above Stage I level for the Degree of Bachelor of Science, provided that
(a) his proposed course for this Degree will extend over not fewer than two academic years;
(b) he has obtained grades averaging B- or above in the advanced papers for the Degree of Bachelor of Science of the subject which he proposes to take for this Degree;
(c) he satisfies the conditions in Regulation 1 (b) and (c) above, or is exempted from them;
(d) he must have completed the prerequisite courses for this Degree;
(e) he enrolls for the remaining course or courses for the Degree of Bachelor of Science in the first year of his course for this Degree.
(f) should he not pass the remaining course or courses for the Degree of Bachelor of Science in the first year of his Master of Science course, his Master’s course shall be suspended until he has passed the remaining course or courses.

3. A candidate may sit the examination papers required for this Degree over two successive years. He may only elect to follow this course of study when he first enrols for the Degree. Such candidates shall not be eligible to gain Honours.

4. A candidate for this Degree, may with the permission of the Heads of the Departments concerned and with the approval of the Senate take one Master’s paper in a subject other than that in which he is taking his degree. Each such paper shall substitute for one paper of the subject in which the Degree is being taken.

5. (a) A candidate who has qualified for the Degree of Bachelor of Science shall be required in the subject he takes to pass the prescribed examinations and to present a thesis where that is prescribed, in accordance with Regulation 12 of these Regulations.
(b) A candidate who has qualified for the Degree of Bachelor of Science (Honours) shall be required to present a thesis only, which shall be as prescribed in Regulation 12 in the subject Geology or Mathematics. Provided that a candidate who has done work for the Mathematics Degree Bachelor of Science (Honours) but has qualified for admission not to that Degree but to the Degree of Bachelor of Science, may be granted exemption from such part of the Course of study for the Degree of Master of Science as the Senate may approve, subject to his paying the prescribed fee as if that part were an exempted unit for the purpose of Regulation 13 of the Enrolment and Course Regulations (General).

6. Where a thesis is required the following conditions shall apply:
(a) The Senate shall appoint a supervisor for the candidate upon the recommendation of the Head of the Department.
(b) The thesis shall embody the results obtained by the candidate in an investigation in some branch of the subject.
(c) In the case of a thesis requiring laboratory work, such work shall be carried out within the University provided that the Senate may permit a candidate to carry out such work in an approved institute outside the University for such limited period or periods as may be necessary.
(d) A candidate (other than one in the Departments of Geography, Mathematics and Psychology) shall present his thesis not later than twenty-four months after his first enrolment for this
degree, but on a recommendation from the Head of Department, the Dean of the Faculty may permit an extension of not more than one year. For candidates in the Departments of Geography, Mathematics and Psychology, regulation 10(c) and 10(d) for the degree of Master of Arts applies.

6(e) The candidate shall submit his thesis to the Registrar by the prescribed date. The Registrar shall deliver the thesis to the Head of the Department concerned.

Note: An abstract is to be submitted with each copy of the thesis, see Examination Regulation 14.

7. A candidate shall not take a subject which he has already passed for the Degree of Master of Arts.

Honours

8. (a) There shall be two classes of Honours: First Class Honours and Second Class Honours. Second Class Honours shall be awarded in two divisions, First Division, and Second Division.

(b) Honours shall not be awarded in a subject to any candidate for this Degree who has qualified in that subject for the award of the Degree of Bachelor of Science (Honours).

(c) Honours shall not be awarded in a particular subject to any candidate who enrolled for and failed to qualify for admission to the Degree of Bachelor of Science (Honours) in that Subject.

(d) Honours shall not be awarded if the papers in the first year in which a candidate takes an examination for the Degree are unsatisfactory; provided, however, that a candidate whose performance at a written examination has been seriously impaired by illness or injury or exceptional circumstances beyond his control (certified under the aegrotat or compassionate pass provisions of the Examination Regulations) may elect, instead of applying for an aegrotat or compassionate pass, to take a subsequent written examination, so that he shall still be eligible for the award of Honours subject to the provisions of sub-clause (e) of this Regulation.

(e) A candidate shall be eligible for the award of Honours only if he completes the requirements for Honours within twenty-four months of his first enrolment for this Degree provided that this period may be extended, in exceptional cases, by the Senate.

9. (a) Notwithstanding anything to the contrary in the foregoing Regulations a candidate may upon the recommendation of the Heads of the Departments concerned and with the approval of the Senate:

(i) substitute an Engineering paper for any papers, paper, or part of a paper prescribed in Regulation 12, and

(ii) substitute a thesis (to carry such weight as may be determined) in an Engineering subject for a thesis in any subject prescribed in Regulation 12;

so that part but not the whole of the candidate's course for this Degree may be taken in Engineering.

Note: A candidate changing in toto from one Faculty to another should enrol for the Degree of Master of Philosophy.

(b) The Senate may require the candidate to take any appropriate prerequisite courses before granting any such approval.

(c) In this Regulation 'an Engineering paper' and 'an Engineering subject' mean respectively any paper and any subject prescribed in or for the purposes of Regulation 3 of the Regulations for the Degree of Master of Engineering.

Savings and Transitional Provisions

10. (a) All candidates enrolled for this Degree

(i) who completed a Bachelor of Science Degree in, or before, 1972 shall pass the subject prerequisites listed in the 1972 Calendar;

(ii) shall have their course governed by these Regulations, except those referred to in sub-clause (i).

(b) The Senate may, on written application by a candidate who enrolled for a Bachelor of Science Degree of this University before 1973, approve a course of study which does not conform to the subject prerequisites published in the 1972 Calendar or to those listed here.

11. These Regulations shall come into force on 1 January, 1973.

List of Subjects.

12. The subjects of examination and relative requirements as to theses for this Degree, together with the prescription numbers relative to each examination paper, are as follows:

Anatomy (Two papers and a thesis 65.621 which shall count as four papers): Papers 65.401, 65.402.

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Biochemistry (Three papers and a thesis 66.601 which shall count as three papers): Papers 66.401 to 66.403.

Botany (Three papers and a thesis 06.601 which shall count as three papers): Paper 06.401 plus two papers from 06.411 to 06.461.

Cell Biology (Three papers and a thesis 40.601 which shall count as three papers): Papers 40.401, 40.402, 40.403.

Chemistry (Seven papers and a thesis 08.601 which shall count one-third towards the assessment for the final grade): A selection approved by the Head of Department of Chemistry of six papers from 08.410, 08.411, 08.412, 08.420, 08.421, 08.422, 08.430, 08.431, 08.432, 08.440; which together shall count one-half towards the assessment for the final grade, and paper 08.450 which shall count one-sixth towards the assessment for the final grade.

Computer Science (Papers totalling 20 credits and a thesis which will count as 16 credits or papers totalling 20 credits and an advanced course of study which will count as 16 credits): A selection approved by the Head of the Department of Computer Science of papers from Computer Science 490 to 499 with total credit value as shown in the Prescriptions of 20 credits together with a thesis or an advanced course of study, provided that up to four of these credits may be replaced by four stage three credits from papers in Computer Science not already taken for any other Degree or Diploma.

Geography (Four papers and a thesis 20.601 which shall count as three papers): Four papers from 20.400 to 20.441.

Geology (Three papers and a thesis 21.601 which shall count as two papers; Foreign Language Reading Examination): Three papers from 21.401 to 21.406 and 21.408. Approved foreign languages are French, German and Russian.

Mathematics (Papers totalling 20 credits and a thesis which will count as 16 credits or papers totalling 20 credits and an advanced course of study which will count as 16 credits): A selection approved by the Head of the Department of Mathematics of papers from Mathematics 400 to 499 and Computer Science 490 to 499, with total value as shown in the Prescriptions of 20 credits together with a thesis or an advanced course of study, provided that up to four of these credits may be replaced by four stage three credits from papers in Mathematics and Computer Science not already taken for any other Degree or Diploma.

Pathology (Two papers and a thesis 67.621 which shall count as four papers): Papers 68.401, 68.402.

Physics (Four papers and a thesis 31.601 which shall count as four papers): Four papers from 31.410-31.485.

Physiology (Two papers and a thesis 67.621 which shall count as two papers): Papers 67.401, 67.402.

Psychology (Four papers and a thesis 32.601 which shall count as three papers): Four papers from 32.401 to 32.417.

Zoology (Three papers and a thesis 38.601 which shall count as three papers): Paper 38.401 and two papers from 38.402 to 38.410.

THE DEGREE OF DOCTOR OF SCIENCE

DSc

General Provisions
1. Except as provided in the Admission Ad Eundem Statum Regulations, a candidate for the Degree of Doctor of Science shall be a graduate of the University of Auckland, or of the University of New Zealand.
2. No candidate shall present himself for the Degree of Doctor of Science until at least eight years after graduation to his first degree.
3. The Degree of Doctor of Science shall be awarded for an original contribution (or contributions) of special excellence in some branch of pure or applied science.
4. The degree shall be awarded only on work, whether sole or conjoint, published in book form.
or in scholarly journals in general circulation.

5. No work shall be considered for the degree if the work, or a major portion thereof, has previously formed the basis of an award of any degree or diploma in this or any other University.

6. A candidate shall make application in writing to be examined, and such application accompanied by the fees prescribed in the Fees Regulations, shall be lodged with the Registrar together with:

(a) Three copies of the work to be examined;
(b) A statutory declaration which shall —
(i) state the extent to which the work is the candidate's own, and (in the case of a conjoint work) identify as clearly as possible which parts are the candidate's own; and
(ii) state what portion (if any) of the work submitted has been previously presented for a degree or diploma of the University of Auckland or any other University; and
(iii) declare that the work in substantially its present form has not been previously accepted for the award of a degree or diploma in this or any other University and is not being concurrently submitted for a degree or diploma in any other University.

Examination Procedure

7. As soon as possible after the application has been lodged, the Senate shall appoint a Moderator who shall:
(a) consider the work and submit, through the Registrar, a preliminary report, which shall indicate whether, in his opinion, the examination should proceed or whether the candidate be advised to withdraw his application.
(b) state the names of not fewer than two persons recommended as suitable examiners in the field covered by the work submitted, provided that the Senate in appointing examiners under Regulation 9 of these Regulations shall not be restricted to the persons so named.

8. If the Moderator recommends that the candidate should be advised to withdraw his application, the candidate shall be notified of the recommendation by the Registrar and in such case the candidate may —
(a) withdraw his application, whereupon he shall be entitled to a refund of one half of the fees paid under the provisions of Regulation 6 of these Regulations; or
(b) elect to proceed with the examination.

9. (a) If the examination is to proceed the Senate shall appoint two independent External Examiners of whom at least one shall be resident outside New Zealand.
(b) The contents of the Moderator's report shall not be communicated to the Examiners.

10. The duties of each Examiner shall be:
(a) to report independently on the quality of the work and its value as a significant contribution to learning; and
(b) to recommend whether or not the degree should be awarded, provided that where the recommendation is that the degree should not be awarded the examiner may recommend that the candidate be permitted to re-submit the work together with further published work at a later date. A re-submission shall be accompanied by a further full examination fee.

11. All reports and other communications shall be sent to the Registrar who shall refer them to the Moderator.

12. The Moderator shall consider the reports of the Examiners and prepare a final report based upon them which, together with the reports of the Examiners, shall be placed before the Senate and the Senate shall determine whether or not the degree shall be awarded.

13. Notwithstanding anything in Regulation 12 of these Regulations the Moderator shall, where the Examiners' recommendations are conflicting, submit to the Senate the name of a further person qualified to act as an Examiner, and in such case the Senate shall appoint the person so named or some other suitable person to be an additional Examiner to furnish an independent report in accordance with the provisions of Regulation 10 of these Regulations, which shall be considered by the Senate together with the other reports.
DEGREE COURSE PRESCRIPTIONS

DEPARTMENT OF ANATOMY

Anatomy for MSc and Honours
Two papers and a thesis (65.621)

65.401, 65.402 The study of selected fields of Anatomy at an Advanced Level with Detailed Study of One Particular Field.
The thesis will be based on a research project and will be the major feature of the year's work. The topic must be arranged with the Head of the Department before the end of the preceding academic year.
Students from other Universities must have completed Anatomy III or the equivalent.

DEPARTMENT OF BIOCHEMISTRY

Stage II
Prerequisites: See BSc Schedule.

Biochemistry 201 (One paper and practical work).
An introductory course based on the unifying theme of energy in biochemical systems. Topics are the role of energy in living systems; photosynthesis as a process of solar energy capture for biosynthesis; metabolism as a process for rearrangement of molecular fragments; respiration as the controlled release of energy from molecular fragments; enzymes as regulatory molecules; nucleic acids as stores of biochemical information.
The course is a prerequisite for those proceeding to papers 66.301, 66.302 and the MSc degree in Biochemistry. Passes are required in both the written paper and in practical work (BSc Regulation 7).

Lectures: Students will attend two lectures a week. Two tests will be held during the year, attendance at which will be compulsory for the granting of terms.

Laboratories: Students are required to attend practical classes totalling 72 hours, at times to be arranged during the second half of the year. Performance in practical work will contribute to the final grade for the course. Students should wear a laboratory coat and covered footwear in the laboratory.

Prerequisites: Chemistry 8.101 or 8.100. Biology 39.101 is recommended.

Entry to Biochemistry II is limited to 70. Students who intend to enrol should make preliminary application to the Secretary, Department of Biochemistry, on the appropriate departmental form not later than 20 January.

Stage III
Prerequisites See BSc Schedule.

Biochemistry 301 (One paper and practical work).
66.301 Topics introduced in paper 66.201 are expanded and examined in greater depth. The emphasis is placed upon the biochemistry of macromolecules. Practical work is concerned with the theory and practice of analytical procedures commonly used by biochemists.

Biochemistry 302 (One paper and practical work).
66.302 This course examines metabolic interrelationships and regulation. Practical work is project-oriented using techniques encountered in Biochemistry 66.301.

Laboratories: Students are required to attend practical classes of not less than six hours a week. Performance in laboratory work will contribute to the final grade for the course. Students
should wear a laboratory coat and covered footwear during practical classes.

Entry to Biochemistry III may have to be restricted if the number of applicants exceeds the number of laboratory places. Students who intend to enrol should make preliminary application to the Secretary, Department of Biochemistry, on the appropriate departmental form not later than 20 January. Candidates who lack one or more of the prerequisites listed in the BSc Schedule are also permitted to make preliminary application. Competence in mathematics up to University Entrance level is assumed.

Biochemistry for MSc

Three papers and a thesis (66.601)

66.401, 66.402, 66.403. The general study of Biochemistry at an advanced level, with more detailed study in fields of enzymology, metabolic pathways, microbial metabolism, biochemical control mechanisms and biochemical endocrinology.

Candidates for the Master’s Degree should consult the Head of the Department as soon as possible after the completion of the Bachelor’s Degree, in order to select a thesis topic and to obtain advice on vacation reading.

The course will be of a minimum duration of one year; the student should normally expect to complete his thesis during the following year.

Students from other Universities must have taken Biochemistry to an advanced undergraduate level (e.g., Biochemistry III as offered at Otago University).

Research in Biochemistry

Research facilities are available for PhD students and Post-doctoral workers in several fields of animal, microbial and plant biochemistry.

Intending applicants should make application to the Head of Department in the first instance.

DEPARTMENT OF BOTANY

BIOLOGY

Biology 101 Central Concepts in Biology

An introductory course dealing with biological concepts common to animals, micro-organisms and plants; organic evolution; the biochemistry of macromolecules, especially nucleic acids and proteins; enzyme action and catalysis; cellular energetics; fundamental processes of ecosystems; population and community dynamics; genetic principles and mechanisms. This course may be taken as part of the Stage I requirement in either Botany or Zoology, but may not receive credit in both.

Biology 207/307 Biometry

Elementary statistical methods and concepts with particular emphasis on their application in biological research.

Biology 211 Population and Community Ecology

Elementary demography and models of population growth; population genetics with emphasis on the concepts of selection and fitness; two-species interactions, competition and predation; multispecies associations. The emphasis will be on experimental ecology of both plants and animals from a wide range of habitats.

Biology 212/312 Coastal Marine Biology

The bivodiversity of the seas; the habitat structure of New Zealand shores and immediate sublitoral, with particular reference to habits and zoning of macro-organisms; descriptive schemes of community space and the search for underlying physical and biotic parameters; coastal biogeography and tropical shore ecology; conservation and utilisation of the coastline. Practical work includes a 7-day field course to Whangarei Heads, 10 May-18 May, and optional day trips.

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Biology 213 Plant Population Biology and Physiological Ecology
Physiological adaptations to stressful environments. The experimental approach to plant populations. Critical phases in the life history. Energy metabolism, allocation and the concept of strategy. Competition. Plants in uncontrolled mixtures — the ecosystem. Practical work will include projects in experimental plant ecology. A one week field trip will be held during the third week of the May vacation jointly with 39.211.

Biology 311 Freshwater Ecology
Animal and plant freshwater communities, particularly of lakes and rivers; the physical and chemical environment; physiography of rivers and lakes; hydrology; pollution. Part of the course will consist of a field trip during May vacation and a weekend field course.

Biology 313 The Ecology and Biogeography of Terrestrial Ecosystems
Different types of ecosystems and the world's major biomes. Current controversies on diversity and stability in communities. Energy flow, trophic structure and the food web. Ecosystem integration through animal-plant-pathogen interaction. Nutrient cycling. Concepts of vegetation as discrete communities or continua. Ordination and classification techniques. Sampling. The breakup of Gondwanaland. Climatic changes during the Pleistocene and Holocene. Holocene vegetation history in New Zealand and elsewhere and its bearing on the concept of climatic climax vegetation. Forest dynamics. Practical work will include a number of field trips and a one week field course during enrollment week, with emphasis on forest ecology.

Biology 314 Applied Ecology
Principles and practice of pest control; resource management, including natural recreational resources, forests and fisheries; aspects of the conservation of natural ecosystems — the planning process.

Biology 316 Biological Oceanography
Characteristics of marine communities: the physical and chemical environment and primary production; marine algology; zooplankton and secondary production; characteristics of plankton, nekton, benthos and meiofaunas in shallow and deep seas. Practical work includes day or weekend field trips and several days of laboratory investigations.

BOTANY

Stage I
The first year course for students in Botany, Zoology or Biology consists of three 6-credit papers, Biology 101 (Paper 39.101), Botany 102 (Paper 06.102) and Zoology 102 (38.102).

Biology 101 Central Concepts in Biology
(See Biology prescriptions).

Botany 102 Form and Function in Plants
An introductory course including the study of major plant groups. Topics covered include major features of NZ flora and vegetation; cytological and anatomical architecture and their relation to photosynthesis, respiration, translocation and transpiration; the regulation of growth and reproduction. The course will include a number of small group discussions and one or two field trips which students will be expected to attend.

Stage II
The course consists of Botany 201 or 202 together with Botany 221 and Biology 213 and practical work including field trips.

*Botany 201 Lower Plants
The Biology of fungi, algae, bryophytes and pteridophytes. This course will next be offered in 1981.

Botany 202 Higher Plants
The anatomy, morphology and systematics of gymnosperms and angiosperms together with an introduction to cytology and ultrastructure.
Botany 221 Plant Physiology
Oxygen: principles of gas exchange, structural adaptations to oxygen deficit, biochemical adaptations to oxygen deficit.
Temperature: Mineral nutrition: criteria of essentiality, uptake mechanisms, role of nutrients.

Stage III
The course consists of a selection from papers from Biology 311, 313, 314, 316 and Botany 301-361 together with practical work, including field trips.

Biology 311 Freshwater Ecology
(See Biology prescriptions).

Biology 313 Ecology and Biogeography of Terrestrial Ecosystems
(See Biology prescriptions).

Biology 314 Applied Ecology
(See Biology prescriptions).

Biology 316 Biological Oceanography
(See Biology prescriptions).

Botany 301 Lower Plants
The Biology of fungi, algae, bryophytes and pteridophytes.

Note: This course will next be offered in 1981

Botany 302 Higher Plants.
The anatomy, morphology and systematics of gymnosperms and angiosperms together with an introduction to cytology and ultrastructure.

Botany 321 Plant Physiology.

Botany 325 Differentiation in Plants.
An integrated study of physiological, structural and ultrastructural aspects of differentiation processes in plants. Emphasis is placed on hormonal interactions and the associated ultrastructural changes involved in a range of processes which will include: cell division, differentiation of the wall, plastid development, embryo dormancy and germination, tropisms, correlative growth processes, flowering. 3 credits.

Botany 331 Plant Pathology 1.
History; principles of plant pathology; introduction to host-parasite relations; etiology and control of specific soil-borne diseases.

Botany 332 Plant Pathology 2.
Mycological review; abiotic disease; environment effects on fungal disease; aerobiology; fungicides and disease control; specific diseases of significance in N.Z. economy.

Botany 333 Plant Pathology 3.
Introductory bacteriology, nematology and virology.

*Botany 341 Genetics
Plant cytogenetics including the study of the nucleus in division, changes in chromosome structure and number and the meiotic behaviour of chromosome anomalies in hybrids and polyploids. Genetics of recombination with emphasis on the mapping of gene loci; theories of crossing-over; tetrad analysis particularly in the fungi.

Botany 361 Advanced Plant Taxonomy
Classical and experimental approaches to the study of taxonomic relationships in metaphytes including cytological, chromosomal, chemical and numerical techniques as well as field and

1980 Calendar
herbarium methods and a knowledge of plant nomenclature rules. Phylogenetic and phenetic systems of classification, analysis of variation, floral biology and speciation processes.

**Botany for MSc**

Botany 401 and two other papers listed below together with a thesis (06.601) equivalent to three papers.

- Botany 401 Advanced Topics in Botany
- Botany 411 Plant Hydrobiology
- Botany 413 Vegetation Dynamics and Description
- Botany 414 Plant Population Ecology
- Botany 421 Advanced Plant Physiology
- Botany 422 Plant Biochemistry
- Botany 431 Advanced Plant Pathology
- Botany 432 Epidemiology of Plant Diseases
- *Botany 441 Genetics and Evolution
- Botany 451 Plant Ultrastructure and Differentiation
- Botany 461 Phylogeny and Systematics

(See also MSc Regulation 4)

(Corequisite: Biology 207/307)

**Laboratory Work**

The practical work will be assessed separately and the marks included in the marks schedule of the University. A pass both in the written examination and in the practical work is necessary for credit to be awarded for a paper (BSc Regulation 7).

**DEPARTMENT OF CELL BIOLOGY**

**Stage III**

*Prerequisites:* See BSc Schedule.

**40.303 Cellular and Molecular Biology**

Course Prescription

Lectures: Optical and electron microscopical methods used in the study of cell structure. The fine structure of cellular organelles and components in relation to their function. The structure, biosynthesis and function of nucleic acids and proteins. The Genetic Code. Genetic regulatory mechanisms in bacteria and eukaryotes. The mammalian cell cycle and control of growth of mammalian cells by hormones and other agents.

Laboratories: The laboratory course will cover basic methods used to fix and examine biological material by light and electron microscopy. Experiments will also be performed with proteins and nucleic acids to illustrate the properties and techniques used to investigate the structure and function of these materials.

**40.304 Molecular Genetics**

Course Prescription


Laboratories: The laboratory course will cover basic methods used in bacteriology and microbiology as an introduction to experiments in microbial genetics. Experiments will be performed to illustrate methods of transmission of genetic information in micro-organisms and the experimental application of such techniques to the resolution of problems of gene order and organisation on chromosomes.

**40.305 Virology and Immunology**

Course Prescription

Lectures: The structure and replication of bacterial, plant and animal viruses. Immunity, the structure and synthesis of antibodies and the cellular basis of the immune response.
Laboratories: The laboratory course will cover basic methods used in virology to purify and characterise viruses and techniques used for studying antibodies and the cells that synthesise such molecules. An introduction to techniques used in the culture of animal cells forms part of this course.

**Cell Biology for MSc and Honours**

Three papers and a Thesis (40.601)

40.401 Molecular Biology and Ultrastructure, 40.402 Molecular Genetics, 40.403 Virology and Immunology

The material for Cell Biology 303, 304 and 305 considered in greater depth, with knowledge of some of the current original literature. The course will be based on selected topics in Virology, Electron Microscopy, Molecular Biology, Microbial and Molecular Genetics, and Immunology.

**Prerequisites:** For Auckland students, at least 12 credits either from Cell Biology 301 and 302 (prior to 1979), or from Cell Biology 303, 304 or 305. Students from other universities or colleges must have taken some suitable subject to an advanced undergraduate level (e.g. Biochemistry Advanced II or Microbiology Advanced II as offered at Otago University).

For Auckland students who do not have 12 credits in Cell Biology third-year courses as part of their undergraduate degree, and for students from other universities the MSc degree will normally involve a two-year course, in which the candidates may be required to take all or part of the course work for Cell Biology Stage III, and keep terms in that subject(s).

Students are reminded of the requirement of a grade higher than C+ in prerequisite Stage II and Stage III Subjects for BSc (see MSc Regulation 1 (c)).

**Thesis:** The preparation of a thesis (40.601) is a most important feature of the work and a large part of the student's time should be devoted to this aspect of the course. The topic of research for the thesis can be in virology, electron microscopy, molecular genetics, molecular biology with special reference to nucleic acids and proteins, or in basic aspects of immunology.

**Research in Cell Biology**

Facilities are available for research by PhD and post-doctoral students in fields of virology, immunology, molecular genetics, electron microscopy, and molecular biology, with special reference to nucleic acids and proteins.

Intending students should consult the Head of the Department as early as possible.

Note: An MSc in Cell Biology is not a prerequisite for PhD registration.

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**DEPARTMENT OF CHEMISTRY**

The courses in Chemistry for the BSc Degree under these regulations are progressive; although prerequisites have not been prescribed more restrictively than necessary, students should bear in mind that familiarity with relevant material from earlier courses is assumed in the later ones.

**First Year Courses.**

08.101 (6 credits) Principles of Organic Chemistry

(One paper and practical work).

A pass both in the written paper and the practical course is necessary (BSc Regulation 7).

**Lectures:** Students will attend four lectures a week in the first half of the academic year. Tests will be held from time to time outside lecture hours, and performance in these tests will contribute to the final grade for the written paper.

**Laboratories:** Students will attend a practical class of three hours each week in the first half of the academic year. No student may enter the laboratory unless he is wearing an approved form of eye protection. Performance in the practical work will contribute to the final grade for the course.

08.102 (6 credits) Principles of Inorganic Chemistry

(One paper and practical work).

A pass both in the written paper and the practical course is necessary (BSc Regulation 7).
Faculty of Science, Prescriptions, Chemistry

Lectures: Students will attend four lectures a week in the second half of the academic year. Tests will be held from time to time outside lecture hours, and performance in these tests will contribute to the final grade for the written paper.

Laboratories: Students will attend a practical class of three hours each week in the second half of the academic year. No student may enter the laboratory unless he is wearing an approved form of eye protection. Performance in the practical work will contribute to the final grade for the course.

Students intending to proceed to Chemistry 08.210 or Chemistry 08.220 are strongly advised to take Mathematics 26.140 (or an equivalent course) beforehand. Students intending to take Third-year Chemistry courses should include Physics 31.115 and 31.125 (or 31.110 and 31.120).

Accelerated First Year Course

08.100 (8 credits) Organic and Inorganic Chemistry

Note: This course may not be taught in 1980 if less than 10 students enrol for it.

(One paper and practical work).
A pass both in the written paper and the practical course is necessary (BSc Regulation 7). This is an accelerated course covering the material of both Chemistry 101 and Chemistry 102.

Lectures: Students will attend two lectures a week. Two tests will be held during the year outside lecture hours and performance in these tests will contribute to the final grade for the written paper.

Laboratories: Students will attend a practical class of three hours each week. No student may enter the laboratory unless he is wearing an approved form of eye protection. Performance in the practical work will contribute to the final grade for the course. This course is intended to be taken simultaneously with Chemistry 210. Students taking Chemistry 100 are strongly advised to include Mathematics 26.140 (or an equivalent course) in their course concurrently. Entry to Chemistry 100 is restricted to students, who, on the evidence of high marks in the University Bursary or Scholarship examinations, have demonstrated previous ability in Chemistry. Students intending to take third-year courses should include Physics 31.115 and 31.125 (or 31.110 and 31.120).

Advanced Courses

Familiarity with the relevant material in the first-year courses will be assumed.

08.210 (6 credits) Physical, Analytical and General Chemistry

(One three-hour paper and practical work).
A pass both in the written paper and in the practical course is necessary (BSc Regulation 7). This course includes analytical chemistry, structural and quantitative aspects of spectroscopy, chemical thermodynamics and kinetics.

Lectures: Students will attend two lectures a week. One test will be held outside lecture hours.

Laboratories: The practical course covers both analytical and physical chemistry. Students will attend practical classes of not less than 72 hours by doing six hours per week for half the year. No student may enter the laboratory unless he is wearing an approved form of eye protection. Performance in the practical work will contribute to the final grade for the course.

Prerequisite: 08.101, or 08.102, or 08.100.

08.220 (6 credits) Inorganic, Structural and Theoretical Chemistry

(One-three-hour paper and practical work).
A pass both in the written paper and in the practical course is necessary (BSc Regulation 7). The course provides an introduction to chemical bonding, and to the chemistry of the solid state. Aspects of the chemistry of transition metal and main group elements are treated at greater depth. An introduction to kinetic studies of inorganic systems is also included.

Lectures: Students will attend two lectures a week. One test will be held outside lecture hours.

Laboratories: Students will attend practical classes of not less than 72 hours by doing 6 hours per week for half the year. No student may enter the laboratory unless he is wearing an approved form of eye protection. Performance in the practical work will contribute to the final grade for the course.

Prerequisite: 08.101, or 08.102, or 08.100.
08.230 (6 credits) Organic Chemistry
(One three-hour paper and practical work).
A pass both in the written paper and in the practical course is necessary (BSc Regulation 7).
The course is based on the prescribed text and covers the structure and reactions of carbon
compounds, classified by functional groups. An introduction to the chemistry of molecules of
biological importance is included.
Lectures: Students will attend two lectures a week. One test will be held outside the lecture
hours.
Laboratories: Students will attend practical classes of not less than 72 hours by doing six hours
per week for half the year. No student may enter the laboratory unless he is wearing an
approved form of eye protection. Performance in the practical work will contribute to the final
grade for the course.
Prerequisite: 08.101 plus 08.102 or 08.100.

08.270 (3 credits) Environmental Chemistry
(One two-hour paper and practical work).
A pass both in the written paper and in the practical course is necessary (BSc Regulation 7).
The course covers aspects of the chemistry of the atmosphere, natural waters, and the land
surface. A section on hazards associated with chemicals and their handling is also included.
Lectures: Students will attend one lecture a week. One test will be held outside the lecture
hours.
Laboratories: Students will attend practical classes, totalling 36 hours at times to be arranged.
No student may enter the laboratory unless he is wearing an approved form of eye protection.
Performance in the practical work will contribute to the final grade for the course.
Prerequisites: 08.101 and 08.102 or 08.100
Corequisite: 08.210

08.310 (3 credits) General Physical Chemistry
(One two-hour paper and practical work).
A pass both in the written paper and in the practical course is necessary (BSc Regulation 7).
The course will include Chemical thermodynamics, ionics, electrodics, surface chemistry.
Lectures: Students will attend one lecture a week. One test will be held outside lecture hours.
Laboratories: Students will attend practical classes of not less than 36 hours during the year.
No student may enter the laboratory unless he is wearing an approved form of eye protection.
Performance in the practical work will contribute to the final grade for the course.
Prerequisite: 08.210.

08.311 (3 credits) Molecular Physical Chemistry
(One two-hour paper and practical work).
A pass both in the written paper and in the practical course is necessary (BSc Regulation 7).
The course will include molecular spectroscopy, statistical mechanics, thermodynamics, electric
and magnetic properties of molecules.
Lectures: Students will attend one lecture a week. One test will be held outside lecture hours.
Laboratories: Students will attend practical classes of not less than 36 hours during the year.
No student may enter the laboratory unless he is wearing an approved form of eye protection.
Performance in the practical work will contribute to the final grade for the course.
Prerequisite: 08.210.

08.320 (3 credits) Inorganic Chemistry
(One two-hour paper and practical work).
A pass both in the written paper and in the practical course is necessary (BSc Regulation 7).
The course will cover aspects of organo-metallic chemistry, bio-inorganic chemistry and in-
organic kinetics.
Lectures: Students will attend a total of 23 lectures during the year. One test will be held
outside lecture hours.
Laboratories: Students will attend practical classes of not less than 36 hours during the year.
No student may enter the laboratory unless he is wearing an approved form of eye protection.
Performance in the practical work will contribute to the final grade for the course.
Prerequisite: 08.220.

08.321 (3 credits) Physical-Inorganic Chemistry
(One two-hour paper and practical work).
A pass both in the written paper and in the practical course is necessary (BSc Regulation 7). The course includes aspects of Inorganic kinetics, quantum chemistry, and co-ordination chemistry.

**Lectures:** Students will attend a total of 23 lectures during the year. One test will be held outside lecture hours.

**Laboratories:** Students will attend practical classes of not less than 36 hours during the year. No student may enter the laboratory unless he is wearing an approved form of eye protection. Performance in the practical work will contribute to the final grade for the course.

**Prerequisite:** 08.220.

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**08.331 (3 credits) Advanced Organic Chemistry (a) Structure and Mechanisms**

(One two-hour paper and practical work).

A pass both in the written paper and in the practical course is necessary (BSc Regulation 7). This course will cover aspects of the investigation of organic reactions including physical-organic chemistry and a more detailed examination of organic reaction classes.

**Lectures:** Students will attend two lectures per week during the first half of the year. One test will be held outside lecture hours.

**Laboratories:** Students will attend practical classes of not less than 36 hours during the year. This will normally be done over a six-week period during the first half of the year. No student may enter the laboratory unless he is wearing an approved form of eye protection. Performance in the practical work will contribute to the final grade for the course.

**Prerequisite:** 08.230.

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**08.330 (3 credits) Advanced Organic Chemistry (b) Reactions and Synthesis**

(One two-hour paper and practical work).

A pass both in the written paper and in the practical course is necessary (BSc Regulation 7). This is a course in which the principles of organic chemistry are applied to organic synthesis. Bond forming reactions and functional group modification are covered, together with illustrations of specific syntheses of the laboratory and industrial-type.

**Lectures:** Students will attend two lectures per week during the second half of the year. One test will be held outside lecture hours.

**Laboratories:** Students will attend practical classes of not less than 36 hours during the year. This will normally be done over a six-week period during the second half of the year. No student may enter the laboratory unless he is wearing an approved form of eye protection. Performance in the practical work will contribute to the final grade for the course.

**Prerequisite:** 08.230.

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**08.340 (3 credits) Structural Methods in Chemistry**

(One two-hour paper and practical work).

A pass both in the written paper and in the practical course is necessary (BSc Regulation 7). The course covers the investigation of crystal and molecular structure. Background theory is discussed for X-ray structural analysis, molecular spectroscopy and mass spectroscopy. Practical applications in inorganic and organic chemistry are included throughout.

**Lectures:** Students will attend 32 lectures during the year. One test will be held outside lecture hours.

**Laboratories:** Students will attend practical classes for 20 hours during the year. No student may enter the laboratory unless he is wearing an approved form of eye protection. Performance in the practical work will contribute to the final grade for the course.

**Prerequisite:** 08.210.

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**08.350 (2 credits) Elementary Radiochemistry**

**08.351 (2 credits) Advanced Radiochemistry**

For detailed prescriptions see 08.350 and 08.351, Certificates in Principles and Practice of Radiochemistry.

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**08.360 (3 credits) Analytical Chemistry**

(One two-hour paper and practical work).

A pass both in the written paper and in the practical course is necessary (BSc Regulation 7). The course will cover instrumental methods of analysis. It will consist of 16 lectures and 48 hours laboratory work on a project in analysis. One test will be held outside lecture hours.
student may enter the laboratory unless he is wearing an approved form of eye protection. Performance in the practical work will contribute to the final grade for the course. 

Prerequisite: 08.210.

†08.390 (3 credits) Advanced Topics in Chemistry

†08.391 (3 credits) Advanced Topics in Chemistry

Chemistry for MSc and Honours

Candidates must select six courses from those numbered 08.410-08.440 inclusive and all candidates must take Course 08.450. At least one course must be chosen from division (a), Physical Chemistry, one from (b), Inorganic Chemistry, and one from (c), Organic Chemistry. The assessment of a student's overall attainment in the degree will be made on the basis that each of the six papers chosen from 08.410-08.440 has a weight of one, that paper 08.450 has a weight of two, and the thesis 08.601 has a weight of four. 

Students intending to read for MSc and Honours should consult the Head of the Department as soon as possible after the completion of the Bachelor's Degree, regarding allocation of a thesis topic and to ensure availability of laboratory facilities. The course is normally of one year's duration, but the thesis may, with the approval of the Head of the Department, be completed during the second year. (See clause 2 (c) of the Enrolment and Course Regulations (General).)

An overall prerequisite for the course is that students have completed 08.210, 08.220 and 08.230 and 18 credits from Chemistry Courses at the third-year level. Additional prerequisites for individual papers are also generally required.

(a) Physical Chemistry

08.410 General Physical Chemistry

(One 2-hour paper).

This course will cover surface chemistry, electrochemistry, the liquid state and thermodynamics.

Lectures: Students will attend 20 lectures during the year.

Prerequisite: 08.310.

08.411 Molecular Spectroscopy

(One 2-hour paper).

This course will cover vibrational and magnetic resonance spectroscopy.

Lectures: Students will attend 20 lectures during the year.

Prerequisite: 08.311 or 08.340.

08.412 Chemical Kinetics

(One 2-hour paper).

This course will cover experimental and theoretical aspects of chemical kinetics.

Lectures: Students will attend 20 lectures during the year.

Prerequisite: 08.210.

(b) Inorganic Chemistry

08.420 Organo-metallic chemistry

(One 2-hour paper).

The course covers advanced aspects of organo-metallic chemistry with emphasis on the heavier metals and low-valent co-ordination compounds.

Lectures: Students will attend 20 lectures during the year.

Prerequisite: 08.320.

08.421 Physical Methods in Inorganic Chemistry

(One 2-hour paper).

The course deals with molecular structure and conformation, and the application of advanced physical techniques in the elucidation of the structural and electronic states of inorganic co-ordination complexes and biological models.

Lectures: Students will attend 20 lectures during the year.

Prerequisite: 08.321 or 08.340.

08.422 Inorganic Kinetics and Mechanisms
(One 2-hour paper).
This course covers an advanced study of reactions of co-ordination compounds including substitution reactions, rearrangement reactions and electron transfer reactions. Metal ion catalysed and metallo-enzyme catalysed reactions are also studied.
*Lectures*: Students will attend 20 lectures during the year.
*Prerequisite*: 08.220.

(c) Organic Chemistry

08.430 General Organic Chemistry
(One 2-hour paper).
This course will cover stereochemistry, conformational analysis, and aspects of organic synthesis.
*Lectures*: Students will attend 20 lectures during the year.
*Prerequisite*: 08.330 or 08.331.

08.431 Intermediates, Rearrangements and Radicals
(One 2-hour paper.)
This course will cover the above topics at a greater depth than at the 08.331 level.
*Lectures*: Students will attend 20 lectures during the year.
*Prerequisite*: 08.330 or 08.331.

08.432 Industrial and Applied Organic Chemistry
(One 2-hour paper.)
This course will cover both the fundamental chemistry and other aspects of topics drawn from both the heavy and the fine organic chemical industries.
*Lectures*: Students will attend 20 lectures during the year.
*Prerequisite*: 08.230.

(d) General Chemistry

08.440 Quantum Chemistry
(One 2-hour paper.)
*Lectures*: Students will attend 20 lectures during the year.
*Prerequisite*: 08.321

08.450 Special Topics in Chemistry
(One 3-hour paper).
Students must choose three topics in specialised areas of chemistry from a selection to be offered.
*Lectures*: Students will attend 10 lectures in each topic selected.
In addition to attending prescribed lectures, students will be required to prepare and discuss a number of selected topics of special interest.

DEPARTMENT OF COMPUTER SCIENCE

Stage I Courses

Computer Science 190 (6 credits) Introduction to Algorithmic Processes
Algorithmic processes with examples selected from fields such as statistics, random number generation, simulation, searching and sorting, network analysis, text editing, symbol manipulation. Programming in SMALL (A language resembling ALGOL) numerical methods.

Computer Science 191 (6 credits) Introduction to Computing
The computer and its logical structure, low and high level programming languages, data and programme structures, introduction to operating systems. Programming in BASIC and FORTRAN.

Stage II Courses

Computer Science 202 (2 credits) Topics in Computer Science (a)
Computer Science 204 (4 credits) Topics in Computer Science (b)
Computer Science 210 (4 credits) Computer Organisation
This course deals with the logical structure of digital computers. Topics include the von
Neumann computer and extensions, multi-register and stack computers, microprogramming and data communications, and case studies of representative computers.

**Computer Science 220 (4 credits) Information Structures**
A course in which information processing techniques are presented in terms of the relationships between items of data to be manipulated. Topics include lists, stacks, queues, sorting and searching, data defining and manipulating languages, file organisation.

**Computer Science 230 (4 credits) Programming Languages**
Characterisation of programming languages, programme and data structures in high-level languages, special purpose languages. Formal description of programming languages, syntax notations, context-free, context-sensitive and regular languages, introduction to compilers.

**Computer Science 290 (4 credits) Numerical Computation**
Introduction to the numerical algorithms fundamental to scientific computer work. Interpolation and approximations, numerical differentiation and integration, solution of nonlinear equations, linear systems of equations.

**Stage III Courses**

†Computer Science 302 (2 credits) Advanced topics in Computer Science
†Computer Science 304 (4 credits) Special topics in Computer Science
Computer Science 310 (4 credits) Advanced Computer Organisation
This paper is an extension of Computer Studies 210 covering topics such as multi-processing, virtual storage and advanced machine structures. Enrolment is subject to the approval of the Head of Department.

†Computer Science 320 (4 credits) Advanced Information Structures
†Computer Science 330 (4 credits) Compiler Construction
Computer Science 340 (4 credits) Operating Systems
Principles of operating systems, including handling of concurrent processes, memory management, processor management, task scheduling, file systems and protection. Comparison and evaluation of several current systems. Students will take part in some major software development during the course.

Computer Science 390 (4 credits) Numerical Analysis

**Courses for MSc and Honours**
The prerequisites for the MSc degree are twenty 300 or 400 level credits approved by the Head of the Department of Computer Science. Of these twenty credits at least 16 shall be from courses in Computer Science; except that in special circumstances the Head of Department may approve a minimum of 12 such Computer Science credits.

The student shall select papers, approved by the Head of the Computer Science Department from 07.490 to 07.499 with a total credit value of 20 credits, together with a thesis (07.601) or an advanced course of study (07.605) which will count as 16 credits. Approval may be given for up to four of the credits to be replaced by four stage three credits from papers in Computer Science not already taken for any other Degree or Diploma. Not all 400 level papers listed will be offered each year. The list of papers to be offered and their prescriptions will be determined each year by the Head of the Department of Computer Science.

A candidate must normally complete his thesis or advanced course of study not later than twenty-four months after his first enrolment for this degree.
Diploma in Computational Mathematics

Candidates for this diploma must have completed a Bachelor's degree and will normally have obtained passes in Computer Science 07.290 and Mathematics papers 26.220 or 26.221, 26.240 or 26.241 and at least one of 26.170 and 26.180. They will also normally have obtained passes in Computer Science papers 07.230, 07.390 and a further advanced paper in Computer Science or Applied Mathematics, although they may be permitted to complete some of the requirements while enrolled for the diploma. The course of study consists of a lecture course (07.590) together with practical work (07.591), participation in a Seminar series (07.592) and the completion of a project (07.593). Prescriptions for this diploma may be found under the Diploma Course Prescriptions of this calendar.

DEPARTMENT OF GEOGRAPHY

Geography for BSc
The prescriptions for Geography courses are as prescribed for Geography papers for BA.

Geography for MSc and Honours
(Four papers and a thesis (20.601)).
A candidate is expected to enrol for and sit the four papers in the first year, present the thesis in the year next following and submit it for examination by 1 November of that year. Papers shall be selected from 20.400 to 20.441. The prescriptions for Geography courses are as prescribed for Geography papers for MA.

DEPARTMENT OF GEOLOGY

Stage 1
Two courses are offered:

21.100 Fundamentals of General and Environmental Geology.
Sixty-nine hours lectures, 46 hours laboratories. 8 credits. The earth as a planet; materials and basic structure of the lithosphere, igneous activity, metamorphism, tectonism and structural geology; general geomorphology, weathering, erosion and principles of sedimentation; introductory paleontology and stratigraphy; the geologic history of New Zealand and the Southwest Pacific; mineral deposits; environmental and engineering geology. The practical course will include identification of elementary rocks and minerals, examination of fossils, preparation and interpretation of simple geologic maps.

Field Classes: Each student will be required to attend at least two field excursions, arranged usually on weekends during term time.
Practical Work: One two-hour practical class must be attended each week. The year's practical work will be assessed for each candidate and the marks included in the marks schedule of the University. A pass in both the practical course and the written paper is necessary.

21.150 Applications of Geological Concepts and Methods
(corequisite 21.100)
Twenty-three hours lectures, 54 hours laboratories.
4 credits. The history of, and scientific method in, geology; stratigraphic correlation, paleontology and paleoecology; the planetary system and elementary geophysics; igneous, metamorphic and sedimentary petrography, applied aspects of structure and tectonics.

Field Classes: Each student will be required to attend at least two field excursions, arranged usually on weekends during term time.
Practical Work: One three hour practical class must be attended each week. The year's practical work will be assessed for each candidate and the marks included in the marks schedule of the University. A pass in both the practical course and the written paper is necessary.

Note: Students terminating at Stage 1 Geology need only take 21.100 to acquire a sound background to all aspects of the discipline. A pass in both 21.100 and 21.150 is necessary before a student can advance to Stage
II courses in Geology. Any student taking both 21.100 and 21.150 and failing in the former whilst passing the latter will receive 4 credits and will not be permitted to advance in Geology until 21.100 has been passed. Students in 1980 who have only one of 21.101, 21.102 will not be permitted to enrol in 21.100, but with the permission of the Head of Department may enrol in 21.150 whether concurrently enrolled in a Geology Stage II or III course or not.

Stage II

Three courses are offered:

21.201 Introductory Tectonics
(Prerequisite 21.100 plus 21.150)
Fifty-eight hours lectures, 46 hours laboratories, 6 credits. Elements and mechanical principles of structural geology. Structures of metamorphic rocks. Geological maps and their construction, regional geology, and hypotheses of global tectonics in the light of geophysics. Aspects of engineering geology.
Field Classes: A field camp lasting about a week will be held probably during the first vacation and other one-day excursions may be arranged throughout the year. Attendance at the field classes is compulsory and students must be prepared to pay a large part of the cost of these classes which may be held anywhere in New Zealand.
Practical Work: The year's practical work will be assessed for each candidate and the marks included in the marks schedule of the University. A pass in both the practical course and the written paper is necessary.

21.202 New Zealand Historical Geology
(Prerequisite 21.100 plus 21.150)
Fifty-eight hours lectures, 46 hours laboratories, 6 credits. Advanced treatment of the full New Zealand stratigraphic sequence, biostratigraphy, paleogeography, and geological history, with the regional geology of some smaller areas and the comparative paleontology necessary as a background to biostratigraphy.
Field Classes: In conjunction with course 21.201 a field camp lasting about a week will be held probably during the first vacation; other one day excursions may be arranged throughout the year. Attendance at the field classes is compulsory and students must be prepared to pay a large part of the cost of these classes, which may be held anywhere in New Zealand.
Practical Work: The year's practical work will be assessed for each candidate and the marks included in the marks schedule of the University. A pass in both the practical course and the written paper is necessary.

21.203 Introduction to Mineralogy and Petrology
(Prerequisite 21.100 plus 21.150; Corequisite: Chemistry 08.100 or 08.102)
Field Classes: One-day excursions may be arranged throughout the year. Attendance at these classes is compulsory and students must be prepared to pay a large part of the costs involved.
Practical Work: The year's practical work will be assessed for each candidate and the marks included in the marks schedule of the University. A pass in both the practical courses and the written paper is necessary. Students will be required to attend one two-hour laboratory per week in the first and fourth quarter and two two-hour laboratories per week in the second and third quarter.

Stage III

Compulsory Field Class in Geological Mapping.
All students enrolling in a Stage III course in Geology (except 21.306) are required to attend a two-week Field Class in Geological Mapping, and to submit a satisfactory finished map and report on it. The Field Class required will normally be the Stage III one usually held during two weeks of February prior to the commencement of other Stage III courses; except that the Head of the Department may permit a student to attend instead the Stage II Field Class which is usually held in the May vacation. This Field Class is a part of the field classes which are specified for individual Stage III courses. It may be held anywhere in New Zealand and students must be prepared to pay a large part of the cost. All students intending to enrol for a Stage III course in Geology must notify the Head of Department of their intention, and collect their instructions for the field class before December 15th in the preceding year. The instruc-
tions will include information concerning Enrolment, Bursary payments during the field course, and the weighting of the field class report within the various Stage III courses during the subsequent year.

The following seven courses are offered:

21.301 Advanced Tectonics and Applied Geology
(Prerequisites 21.201 and 21.202)
Forty-six hours lectures, 69 hours laboratories, 6 credits. Regional geology of selected areas with special emphasis on orogenic belts. Introduction to applied geophysics; geology and geophysics of the southwest Pacific. Sea-level changes: Advanced methods in structural geology. Elements of surveying; photogrammetry and photogeology; engineering geology. Slide-rule techniques are used throughout this course.
Field Classes: Attendance at the Stage III Compulsory Field Class in Geological Mapping is required.
Practical Work: The year's practical work will be assessed for each candidate and the marks included in the marks schedule of the University. A pass in both the practical work and the written paper is necessary.

21.302 Sedimentology and Marine Geology
(Prerequisites 21.201, 21.203) for exemptions see schedule.
Forty-six hours lectures, 69 hours laboratories, 6 credits. Physical, chemical and biological processes in the major environments of sedimentation; geomorphology, origin and structure of submarine physiographic provinces. Petrography of sedimentary rocks; processes of modern marine sedimentation and erosion.
Field Classes: In addition to the Stage III Compulsory Field Class in Geological Mapping, a total of about five days of field work will be held throughout the year; attendance is compulsory and students must be prepared to pay a large part of the cost of trips which may be made anywhere in New Zealand.
Practical Work: The year's practical work will be assessed for each candidate and the marks included in the marks schedule of the University. A pass in both the practical work and the written paper is necessary.

21.303 Advanced Paleontology
(Prerequisites 21.102 or (21.100 plus 21.150) or 39.101 or 06.101)
Forty-six hours lectures, 69 hours laboratories, 6 credits. Advanced treatment of major invertebrate groups (Foraminiferida, Brachiopoda, Mollusca, Coelenterata. Echinodermata, Arthropoda) covering their morphology, origin, evolution, paleoecology and geological history. Paleobiologic principles and practice, paleoecology of other groups of organisms (ichnofossils, Bryozoa, etc.)
Field Classes: In addition to the Stage III Compulsory Field Class in Geological Mapping, a total of about five days of field work will be arranged throughout the year anywhere in New Zealand, attendance is compulsory and students must be prepared to pay a large part of the cost of these excursions.
Practical Work: The year’s practical work will be assessed for each candidate and the marks included in the marks schedule of the University. A pass in both the practical course and the written paper is necessary.

Note: Since the prerequisites for this course are first-year courses it is possible to take 21.303 as a second year course; students who intend to major in Geology must obtain the permission of the Head of Department to take 21.303 in their second year.

21.304 Minerals and Mineral Deposits
(Prerequisites 21.203, Chemistry 08.102 or Chemistry 08.100; Corequisites 21.302 and 21.305)
Sixty-nine hours lectures, 46 hours laboratories, 6 credits. Systematic mineralogy and crystal chemistry; advanced determinative mineralogy using a variety of analytical and instrumental techniques: mineral deposits in sedimentary, igneous and metamorphic environments and their genesis: elementary aspects of geochemistry.
Field Classes: In addition to the Stage III Compulsory Field Class in Geological Mapping, a total of about five days will be spent in the field throughout the year. Attendance at these classes is compulsory and students must be prepared to pay a large part of the cost of these excursions which may be held anywhere in New Zealand.
Practical Work: The year’s practical work will be assessed for each candidate and the marks included in the marks schedule of the University. A pass in both the practical course and the
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written paper is necessary.

21.305 Igneous and Metamorphic Petrology. (Prerequisites 21.203, Chemistry 08.102).
Forty-six hours lectures, 69 hours laboratories, 6 credits. Petrography, chemistry, petrogenesis and regional settings of igneous and metamorphic rocks.
Field Classes: In addition to the Stage III Compulsory Field Class in Geological Mapping, a total of about five days will be spent in the field throughout the year. Attendance is compulsory and students must be prepared to pay a large part of the cost of these trips which may be held anywhere in New Zealand.
Practical Work: The year’s practical work will be assessed for each candidate and the marks included in the marks schedule of the University. A pass in both the practical course and the written paper is necessary.

Forty-three hours lectures, 3 credits. A lecture course covering physical principles, equipment and techniques used in investigating the physical composition of the earth’s crust and in mineral exploration. Standard numerical and graphical interpretation methods are discussed, and are used to interpret gravity, magnetic, seismic and DC-resistivity measurements to derive realistic geological gross structures and structures of mineral deposits.

Sixty-nine hours laboratories, 3 credits. This is a laboratory course associated with 21.306; use and calibration of geophysical instrumentation, experiments to illustrate basic principles, analysis and interpretation of field data involving both Geology and Geophysics. This course is identical with course Physics 31.393 and those students who satisfy the prerequisites 31.210 and 31.290 should enrol in 31.393.
Field Classes. In addition to the Stage III Compulsory Field Class in Geological Mapping, about five days of field work will be held throughout the year anywhere in New Zealand. Students must be prepared to pay a large part of the cost of these excursions which are compulsory.
Practical Work: The year’s practical work will be assessed for each candidate and the marks included in the Marks Schedule of the University. Part of the practical work is designed to prepare the students for the interpretation of the fieldwork in the 21.307 (31.393) course.

BSc (Hons) Part IV in Geology
(Three papers and a research report 21.603).
The regulations which cover the BSc (Hons) course are listed elsewhere. This course in Geology is designed to enable students of high ability to complete an Honours degree in four years and thus be eligible to proceed direct to a PhD degree, and for the award of post-graduate scholarships. Students enrolled for BSc (Hons) Part IV in Geology undertake course work as for first-year MSc students and will select three papers from those prescribed for the MSc degree (21.401-21.406 and 21.408). In addition, they must complete a research project by the beginning of the second half of the academic year, and the marks allotted for the project report count as equivalent to one paper. Admission to the Honours School may be granted at the end of either the second or third year after first enrolment in the Geology Department. Students who wish to be considered for enrolment should consult the Head of Department prior to enrolment or at any time during the preceding year. Students who have been admitted to Part IV should consult the Geology staff about textbooks and particularly about fourth-year research projects at the end of their Stage III year.
Students are reminded of the Foreign Language Reading requirement for admission to the degree of BSc (Hons). Candidates must show proficiency in one of the following languages: French, German or Russian.

MSc and Honours in Geology
(Three papers and a Thesis (21.601)).
The MSc is normally a full-time two-year degree, following the completion of a BSc, and
consists of three written papers to be selected from 21.401-21.406 and 21.408 together with a thesis which, for examination assessment, counts as two written papers. Students are reminded of the Foreign Language Reading requirement for admission to the degree of MSc or MSc (Hons); proficiency must be shown in one of the following languages: French, German, Russian.

21.401 Tectonics and Structural Geology
Analysis of complex structural sequences in metamorphic and non-metamorphic rocks. Principles of strain analysis and rock mechanics. Selected topics in regional geology as related to tectonic theory.

21.402 Sediments and Sedimentary Processes
Sedimentary processes and products in both ancient and modern settings. Identification and interpretation of sedimentary environments; the provenance and subsequent diagenetic history of terrigenous and carbonate sediments.

21.403 Stratigraphy and Paleontology
Principles and practice in stratigraphy and correlation, the fossil record and its interpretation, the historical geology of New Zealand.

21.404 Mineralogy and Geochemistry
The crystal chemistry of mineral systems, the abundance and distribution of the elements in specific geological environments, and selected mineral groups and their paragenesis.

21.405 Genesis of Igneous and Metamorphic rocks
Studies in the petrology of igneous and metamorphic rocks covering geological settings, PT environments, petrochemistry and mineral assemblages with emphasis on recent developments in the theoretical, experimental and observational fields.

21.406 Advanced Applied Geophysics
The theory and practice of the interpretation of geophysical measurements. The topics covered are presented in two groups in alternate years: (i) (odd years) potential field theory, quantitative interpretation of gravitational and magnetic anomalies (two- and three-dimensional bodies); (ii) (even years) DC and AC resistivity measurements, seismic wave transmission, refraction and reflection studies. Practical work: The year's practical work will be assessed by means of exercises to be completed during the lecture course which will be held during the first half of the year, and two essays and discussion of a seminar topic in the second half.

Note: This course is the same as Physics 433 and is given jointly by the Geology and Physics Departments. Previous enrolment in Physics 330, Geology 306 and Geology 307 is desirable.

21.408 Advanced Engineering Geology
Application of geology to engineering practice with emphasis on the geological, physical and structural variants in rockmasses and soilmasses. Aspects of ground investigation methods, aggregates, relevant clay mineralogy, groundwater, sediments and soils, excavation methods, stability of slopes, foundation requirements and relationship to soil mechanics and rock mechanics.

Note: Interested students should also refer to School of Engineering courses in Geomechanics.

PhD in Geology
(Thesis (21.602) and an oral examination).
Facilities are available for research by PhD candidates in many branches of Geology: geochemistry, petrology, mineralogy, structural geology, paleontology and stratigraphy, sedimentology, marine geology, geophysics and engineering geology. Students intending to work for this degree should have reached a satisfactory level of attainment in BSc (Hons) or MSc. Students working for this degree who have not already shown proficiency in a foreign language will be required to pass the Foreign Language Reading Examination in French, German, Russian or some other language approved by the Head of Department.

LEIGH LABORATORY
The Leigh Laboratory is situated on the east coast, some seventy kilometres north of Auckland, at Goat Island Bay, Leigh. It provides research and some advanced course space, facilities such as running seawater, and living accommodation for twenty workers. Present work is
centred on the ecology, physiology and systematics of shore and shallow water organisms, and geology and marine geophysics, but the laboratory is open to workers in any branch of marine research.

Excellent collecting grounds are available in the district, although the area in the immediate vicinity of the laboratory is designated a marine reserve, in which certain limitations are imposed. Within ten kilometres of the laboratory there are examples of almost every kind of shore from mangrove swamps and quiet harbours to exposed rocky shores and surf beaches. A full climate station is maintained and climatic variables in the intertidal region are regularly monitored. The laboratory owns various small boats which are available for nearshore collecting, scuba work and for plankton sampling. Larger boats can be chartered locally. Certain SCUBA equipment and divers' air compressor are available and there are full facilities for quantitative phytoplankton work, seawater chemistry, underwater sound transmission and reception, and respiratory and photosynthetic measurements using electrodes or manometry. Tank rooms with constantly running seawater can be used for the maintenance of animals and seaweeds.

The Laboratory is managed by a committee composed of the Heads of such Departments as Zoology, Botany and Physics. Students who wish to work at the Laboratory must make arrangements with the Director through their supervisors and any other bookings can be made in advance by contacting the Director, Dr W. J. Ballantine, R.D., Leigh (Telephone, Warkworth 26-111). Facilities and accommodation are available to students proceeding to the BSc, BSc(Hons), MSc, or PhD degrees as well as staff and visiting scientists.

**DEPARTMENT OF MATHEMATICS**

**Stage 1 Courses**

Maths 120 (6 credits) 26.120 Principles of Algebra
Maths 121 (6 credits) 26.121 Introductory Algebra
Maths 122 (6 credits) 26.122 Algebraic methods

These are alternative courses and only one of them may be selected by any student. Students intending to advance in Mathematics to higher stages will normally take Maths 120. However, well prepared students are encouraged to enroll in Maths 221 instead of Maths 120.

The syllabus for Maths 120 is: Sets, relations, functions; introduction to formal systems and mathematical logic; number systems, integers, mathematical induction, rational numbers, real and complex numbers, de Moivre's theorem, vectors, matrices, transformations in the plane, linear equations; introduction to groups, rings and fields.

Maths 121 will consist of a selection of topics from the above prescription excluding groups, rings and fields, together with a brief introduction to probability and statistics. This course is appropriate for engineering students and for science students not intending to major in Mathematics. Maths 122 will consist of a selection of topics from the following: Logic, sets, principles of counting, vectors and matrices, linear equations, probability and Markov chains, linear programming, the theory of games, number systems. This course is appropriate for commerce students and for arts, law and social science students not intending to major in Mathematics.

Students who pass Maths 121 or 122 will require permission from the Head of Department before they may enrol for Maths 220.

Maths 140 (6 credits) 26.140 Principles of Calculus
Maths 141 (6 credits) 26.141 Introductory Calculus
Maths 142 (6 credits) 26.142 Concepts of Calculus

Limits, continuity; derivatives and integrals; differential calculus of polynomials and rational functions; antiderivatives and integrals of polynomials; logarithmic, exponential and circular functions; calculus in Euclidean geometry; applications.

These are alternative courses and only one of them may be selected by any student. Students intending to advance in Mathematics to higher stages will normally take Maths 140. However, well prepared students are encouraged to enrol in Maths 241 instead of Maths 140.

Other students are recommended to take Maths 141 or Maths 142, both of which will concentrate more on techniques than on theory. Maths 141 is specially designed to meet the needs of
engineering and science students while Maths 142 is more appropriate for arts, commerce and social science students.

Students who pass Maths 141 or Maths 142 will require permission from the Head of the Department before they may enrol in Maths 240.

**Maths 170 (6 credits) 26.170 Principles of Mechanics**
Elementary vector algebra; statics of a particle and rigid body; centres of mass and moments of inertia; dynamics of a single particle including work, energy, momentum, simple harmonic motion, motion in a circle and projectiles; introduction to dynamics of a system of particles and of a rigid body.

**Maths 180 (6 credits) 26.180 Principles of Statistics**
Axioms of probability, random variables, probability distributions, expected values, discrete bivariate distributions, sampling distributions, small and large sample inference, regression.

**Maths 181 (6 credits) 26.181 Introduction to Probability and Statistics**
The syllabus is similar to that of 26.180 but with less emphasis on mathematical proofs and more emphasis on statistical techniques and their applications. Further topics such as contingency tables, goodness of fit tests; and a brief introduction to the computer will be included. Students intending to advance in statistics to higher stages will normally take 26.180. Other students who do not have a good background of pure mathematics and statistics at the sixth or seventh form level are advised to take 26.181. If in doubt, please consult the lecturer in charge of the course. A special version of 26.181 called 26.181C (for departmental purposes only), is available for commerce students. Students who pass 26.181 will require permission from the Head of the Department before they may enrol in 26.280.

Note: Papers previously listed as Maths 190 and Maths 191 are now papers Computer Science 190 and Computer Science 191. See under Department of Computer Science.

**Stage II Courses**

**Maths 210 (6 credits) 26.210 Principles of Mathematics**
Enrolment in this course requires permission from the Head of the Department. The course consists of a wide selection of topics from various branches of Mathematics, and further information about the course can be obtained from the Administrative Secretary of the Department of Mathematics.

**Maths 220 (6 credits) 26.220 Linear Algebra**
Matrices, vector spaces, linear mappings, determinants, eigenvalues and eigenvectors, non-singular reduction of quadratic forms, Sylvester’s law of inertia, inner products, orthogonal reduction of real quadratic forms.

**Maths 221 (8 credits) 26.221 Algebra (accelerated course)**
A selection of topics from Maths 120 and Maths 220 taught as a unified course. Well prepared students are encouraged to seek permission to enrol in this course rather than in Maths 120.

**Maths 240 (4 credits) 26.240 Calculus**
Algebra and geometry of vectors in three dimensional space; calculus of vector valued functions, curves, functions of several variables, partial derivatives, chain rule, maxima and minima div, grad and curl; multiple integrals; least upper bounds; sequences and series, introduction to power series.

**Maths 241 (8 credits) 26.241 Calculus and Analysis (accelerated course)**
A selection of topics from Maths 140 and Maths 240 taught as a unified course. Well prepared students are encouraged to seek permission to enrol in this course rather than in Maths 140.

**Maths 260 (4 credits) 26.260 Differential Equations**
Methods for the solution of ordinary differential equations, including variation of parameters, Laplace Transform methods, and power series solutions; elementary Fourier series and boundary value problems.

**Maths 280 (6 credits) 26.280 Statistics**
Probability spaces, distribution theory of one or more variables, probability and moment generating functions, statistical inference, goodness of fit, introduction to analysis of variance.
and experimental design, regression, non-parametric methods.

Note: The paper previously listed as Maths 290 is now paper Computer Science 290. See under Department of Computer Science.

Stage III Courses

†Maths 310 (4 credits) 26.310 Special Topics in Pure Mathematics (a)
Enrolment in this paper requires permission from the Head of the Department. If this paper is offered, further information may be obtained from the Administrative Secretary of the Department of Mathematics.

†Maths 311 (4 credits) 26.311 Special Topics in Pure Mathematics (b)
Enrolment in this paper requires permission from the Head of the Department. If this paper is offered, further information may be obtained from the Administrative Secretary of the Department of Mathematics.

Maths 315 (4 credits) 26.315 Formal Logic
Formal systems, proof-theoretic and model-theoretic approaches to classical and model sentential logic, introduction to first-order logic.

Maths 320 (4 credits) 26.320 Algebraic Structures
Maths 321 (4 credits) 26.321 Introduction to Abstract Algebra
Groups, rings, unique factorization domains, fields.
The object of these courses is to give a basic introduction to modern algebra, exclusive of linear algebra. They are alternative courses, and only one of them may be selected by any student. Both courses are acceptable and suitable as a prerequisite for Maths 420, and the Mathematics Department reserves the right to direct which of these courses a particular student shall take.

Maths 330 (2 credits) 26.330 Introductory Analysis
Elements of set theory, the real number system, sequences and series of functions, uniform convergence, Riemann-Stieltjes integration.

Maths 331 (4 credits) 26.331 Principles of Analysis (accelerated course).
A selection of topics from 26.330 and 26.340 taught as a unified course. This course follows on from 26.241 and enrolment requires permission from the Head of the Department of Mathematics.

Maths 335 (2 credits) 26.335 Metric and Normed Spaces
Metric and normed linear spaces with particular reference to n-dimensional Euclidean space and c[a,b], compactness, connectedness, completeness and their application.

Maths 340 (4 credits) 26.340 Multivariable Calculus
Differential and integral calculus of vector-valued functions of several variables and applications.

Maths 345 (2 credits) 26.345 Techniques of Complex Variables
Analytic functions, power series, calculation of integrals by residues.

†Maths 350 (4 credits) 26.350 Topics in Mathematics
A selection of topics chosen from axiom systems, affine geometry, Euclidean geometry, projective geometry, Minkowski space and special relativity, hyperbolic geometry, topology, differential geometry, groups and geometry.

Maths 360 (4 credits) 26.360 Applied Analysis
Differential equations, the special functions of applied mathematics, orthogonal polynomials, Fourier series, Boundary value problems.

†Maths 362 (4 credits) 26.362 Special topics in applied mathematics
Enrolment in this course requires permission from the Head of the Department. If this paper is offered, further information may be obtained from the Administrative Secretary of the Department of Mathematics.

Maths 370 (4 credits) 26.370 Mechanics
General dynamical principles, theory of rotating axes, motion under central forces, motion of a
rigid body, Lagrange's equations of motion, Hamiltonian theory, special theory of relativity.

**Maths 371 (4 credits) 26.371 Field Theory**
An introduction to electromagnetism and fluid dynamics.

**Maths 380 (4 credits) 26.380 Probability**
Introduction to stochastic processes, generating functions, recurrent event theory, Markov chains including applications to random walks and discrete branching processes, Poisson processes, birth and death processes including applications to queueing processes, miscellaneous topics.

**Maths 381 (4 credits) 26.381 Linear Statistical Models**
Expectation and covariance operators for random vectors, quadratic forms, multivariate normal distribution, detailed study of multiple linear regression, analysis of variance and covariance.

Note: The paper previously listed as Maths 390 is now paper Computer Science 390. See under Department of Computer Science.

**Maths 391 (4 credits) 26.391 Optimization in Operations Research**
Linear programming; Simplex and revised Simplex methods; duality, and the dual Simplex method: post optimal analysis; decomposition and column generation; integer programming; cutting planes and branch and bound; dynamic programming; network analysis, transportation and flow problems.

**Maths 395 (4 credits) 26.395 Mathematical Modelling for Operations Research**
Digital simulation techniques and applications, Monte-Carlo methods and related statistical analysis; introduction to deterministic and stochastic models in such areas as queueing theory, inventory control, reliability, Markov decision processes, risk analysis.

**Courses for MA, MSc and Honours**
The Prerequisites for the MA and MSc degrees are: Mathematics 220 or 221, 240 or 241, 260 (or at least one of 261 and 360 prior to 1978) plus twenty 300 or 400 level credits approved by the Head of the Mathematics Department. Normally at least 16 of these credits shall be from courses in Mathematics and Computer Science, but 12 credits in Mathematics and Computer Science may be approved in special cases.

The student shall select papers, approved by the Head of the Mathematics Department, from 26.400 to 26.499 and 07.490 to 07.499 with a total credit value of 20 credits, together with a thesis (26.601) or an advanced course of study (26.605), which will count as 16 credits. Up to four of the 20 credits may be replaced by four stage three credits from Mathematics and Computer Science papers not already taken for any other Degree or Diploma. For 1980 a candidate who has not passed Mathematics 320 or 321, 330 or 331 and 340 will normally be required to pass these papers or their equivalents during their first Masters year. A similar requirement will operate after 1980 and prospective Masters students should consult the Administrative Secretary of the Mathematics Department for further details, preferably when they enrol for their 300 level papers.

Not all 400 level papers listed will be offered each year. The list of papers to be offered and their prescriptions will be determined each year by the Head of the Department of Mathematics. The number of credits for each paper is given after the title.

A candidate must normally complete his thesis or advanced course of study not later than twenty four months after his first enrolment for this degree.

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<td>26.458</td>
<td>Special Topics in Geometry or Topology (4)</td>
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<td>Ordinary Differential Equations A (2)</td>
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<td>Calculus of Variations (2)</td>
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<td>Fourier Analysis (2)</td>
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<td>Global Analysis (2)</td>
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<td>Asymptotic methods (2)</td>
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1980 Calendar
26.472 Fluid Mechanics (4)
26.473 Quantum Mechanics (4)
26.474 Special Topic in Mechanics (4)
26.475 Advanced Topic in Mechanics (4)
26.480 Probability Theory A (2)
26.481 Probability Theory B (2)
26.482 Experimental Design (2)
26.483 Multivariate Analysis (2)
26.484 Stochastic Processes A (2)
26.485 Stochastic Processes B (2)
26.486 Topic in Probability and Statistics A (2)
26.487 Topic in Probability and Statistics B (2)
26.488 Statistical Methods (4)
26.489 Data Analysis (4)

The number of credits for each paper is given in brackets.

BSc (Honours) in Mathematics

Prerequisites for Part IV of the BSc (Hons) degree are the same as for an MA or MSc degree in Mathematics. Normally only students of proven ability (B+ or above) may be considered for entry at either Part III or Part IV level.

The courses available at Part III level are such as will allow a candidate to satisfy the prerequisites for Part IV. The requirements for Part IV are: a selection of papers, approved by the Head of the Mathematics Department, from 26.400 to 26.499 and Computer Science 07.490 to 07.499 with a total credit value of 20 credits. The comments above concerning 320 or 321 etc with regard to the first year of the Masters degree also apply to Part IV of the BSc (Hons).

Students who obtain the BSc (Hons) will be permitted to complete the MSc by presenting a thesis or completing an advanced course of study as approved by the Head of the Department of Mathematics.

Diploma in Computational Mathematics

See under Department of Computer Science

Diploma in Statistics

Candidates for this Diploma must have completed a Bachelors degree and will normally have obtained passes in Mathematics papers 220, 240 and 280. The course of study consists of papers having a total credit value of 20 credits selected from 300, 400 or 500 level Mathematics papers, together with a project, 26.580. At least 12 credits must be selected from papers on topics in probability and statistics. The 500 level papers are listed below together with their credit values:

26.580 Project in Statistics (4)
26.581 Topics in Statistics (4)
26.582 Special Topics in Statistics (4)
26.583 Further Topics in Statistics (4)

DEPARTMENT OF MECHANICAL ENGINEERING

55.001 Engineering Mechanics I
An elementary course on the principles of mechanics including Statics. The equilibrium (in two dimensions) of a particle, rigid body and simple systems of rigid bodies. The laws of friction; Newton's laws of motion; application to the motion of a particle moving in a straight line or in a plane, an introduction to the dynamics of a system of particles and to the motion of a rigid
body. The concepts of momentum, energy, their conservation and of power. These principles will be applied to examples of mechanical systems of relevance in engineering. Material on vector algebra, centre of mass and moments of inertia included as required in the above.

DEPARTMENT OF PATHOLOGY
Pathology for MSc and Honours
(Two papers and a Thesis (68.621)).

68.401, 68.402 the study of selected fields of Pathology at an advanced level with detailed study of one particular field. The thesis will be based on a research project and will be the major feature of the year's work. The topic must be arranged with the Head of the Department before the end of the preceding academic year.

DEPARTMENT OF PHYSICS
Stage I courses

Physics 104 (2 credits) Basic Electronics for Instrumentation

This course is given in even numbered years. It is intended for nonphysicists who need to use and understand electronic instrumentation. It aims to provide a basic understanding of electronic circuits and electronic instruments commonly used for scientific purposes.

The topics covered include:

1. the calculation, measurement and observation of direct, alternating and transient electrical signals;
2. a discussion of the factors which cause measurement and observational errors;
3. the characteristics of some active circuit devices, including transducers;
4. the operating principles and uses of power supplies, amplifiers and oscilloscopes;
5. simple logic circuits and their use in the control of experimental parameters.

The course will consist of 12 1-hour lectures and 12 2-hour laboratory periods. The laboratory work is an integral part of the course in which a substantial part of the instruction will take place.

Physics 105 Acoustics (Paper 28.113 for BMus)

This course is provided as an option for the degree of Bachelor of Music only and is examined as paper 28.113. The course is given in odd numbered years. Topics covered include the fundamental principles of oscillations and wave propagation; stationary waves; resonance; loudness; pitch; tone quality; intervals and scales; the principles of operation of stringed, woodwind, brass and other instruments; the electronic production and reproduction of sound; and the acoustics of rooms.

Physics 110 and 120

These courses are given in the first and second half-years respectively and are intended for students who wish to advance in the physical sciences and mathematics.

Both courses must be passed before certain of the Stage II and more advanced courses in physics may be taken.

Mathematics up to University Entrance standard will be assumed. Students who have not completed a further year of study in physics beyond University Entrance standard may have difficulty with these courses.

Students who do not attain the standard required for a pass in Physics 110 or 120 may be credited with a pass in Physics 115 or 125 respectively.

Physics 110 (6 credits)

Lectures for four hours per week in the first half-year selected from the following topics: mechanics, wave motion, heat and thermodynamics, fluid mechanics, sound and light. Tutorial assistance is available.

Laboratory Course. Three hours of practical work each week, in conjunction with the lecture material.

Physics 120 (6 credits)

Lectures for four hours per week in the second half-year from the following topics: electricity, relativity, and modern physics. Tutorial assistance is available.

Laboratory Course. Three hours of practical work each week in conjunction with the lecture material.
Faculty of Science. Prescriptions. Physics

Physics 111 (2 credits) Thermal Physics
This course will be given in the first half-year and is designed to introduce students to the thermal properties and behaviour of matter. It will be recommended to students intending to take Physics 313 as an appropriate introductory paper to that advanced course, as well as to students who have completed Physics 110 and 120 courses but wish to broaden their foundation knowledge of the subject. Students with a serious interest in the quantitative aspects of the "energy problem" may also find this physics course useful. It is anticipated that students will enrol in the course in their second or third year of study.

Mathematics up to University Entrance standard will be assumed. Students who have not completed a further year of study in physics beyond University Entrance standard may have difficulty with this course.

The course comprises two hours of lectures per week on thermometry, thermal expansion, ideal and real gases, elementary kinetic theory, calorimetry, heat transfer processes, the First and Second Laws of Thermodynamics, Carnot's theorems, and the thermodynamic concept of entropy. Tutorial assistance is available. There is no minimum laboratory hour requirement.

Physics 113 and 123
These courses are given in the first and second half-years respectively as part of the requirement for Engineering Intermediate. They are similar in content and standard to the courses Physics 110 and 120, and may be credited in lieu of those courses towards the BSc degree for students who do not wish to continue in Engineering. This credit will satisfy any prerequisite requirements for the advanced courses in physics which refer to Physics 110 or 120. Students who do not attain the standard required for a pass in Physics 113 or 123 may be credited with a pass in Physics 115 or 125 for the purposes of the BSc degree.

Mathematics up to University Entrance standard will be assumed. Students who have not completed a further year of study in physics beyond University Entrance standard may have difficulty with these courses.

Physics 113 (6 credits)
Lectures for four hours per week in the first half-year selected from the following topics: heat, thermodynamics, wave-motion, sound and light. Tutorial assistance is available.
Laboratory Course: Three hours of practical work each week in conjunction with the lecture material.

Physics 123 (6 credits)
Lectures for four hours per week in the second half-year selected from the following topics: electricity, relativity, and modern physics. Tutorial assistance is available.
Laboratory Course: Three hours of practical work each week in conjunction with the lecture material.

Physics 115 and 125
These courses are given in the first and second half-years respectively and are intended primarily for students who intend to proceed to courses in medicine (Otago), dentistry, agriculture, architecture, home science, surveying, pharmacy and optometry. They are also recommended for students taking a BA degree or a BSc degree in natural science subjects. Mathematics and physics up to University Entrance standard will be assumed.

Students who are credited with a pass in Physics 115 or 125 may enrol for Physics 200 but are not eligible to enrol for any other advanced courses in Physics. Students who gain a sufficiently high standard of pass in Physics 115 or 125 may be granted a pass in Physics 110 or 120 respectively.

Physics 115 (6 credits)
Lectures for four hours per week selected from the following topics: mechanics, wave-motion, heat and thermodynamics, sound and light. Tutorial assistance is available.
Laboratory Course: Three hours of practical work each week in conjunction with lecture material.

Physics 125 (6 credits)
Lectures for four hours per week selected from the following topics: electricity, relativity, and modern physics. Tutorial assistance is available.
Laboratory Course: Three hours of practical work each week in conjunction with the lecture material.
Stage II Lecture Courses

Note: There is no laboratory requirement for any of the advanced lecture courses in Physics, but not more than TWO of the courses Physics 210-250 may be credited unless the laboratory course Physics 290 is also credited.

Direct Entry

Students who have been awarded high marks in Physics and Mathematics in the Entrance Scholarship examination may be granted direct entry into Stage II courses in Physics. Inquiries should be first made to the Head of Department.

Physics 200 (4 credits) Topics in Contemporary and Applied Physics
This course provides an introduction to a variety of topics in physics of contemporary interest, such as space physics, astrophysics, geophysics and biophysics. It also discusses the basic physics involved in a variety of general topics such as music, photography and microscopy. The course is descriptive in nature and makes extensive use of demonstrations, slides, films and closed circuit TV. One two-hour lecture per week is devoted to each topic, with a different lecturer each week. The prerequisite for Physics 200 is one of the courses Physics 110-125 or Physico-chemistry for Human Biology. This course is examined by continuous assessment.

Lectures: Two hours per week throughout the year.

Physics 201 (2 credits) Astrophysics
This is an introductory course covering such topics as stellar structure and evolution, galaxies and cosmological theories.

The prerequisites for Physics 201 are any one of Physics 110, 113 or 115, together with any one of Physics 120, 123 or 125.

Physics 210-250
The prerequisites for each of these courses are Physics 110 and 120, and Mathematics 120 and 140. Students are recommended to enrol concurrently in Mathematics 240 and 261. Each course comprises two hours of lectures each week during one half-year. Tutorial assistance may be provided by arrangement with the lecturer.

Lists of text books or books for recommended reading are available from the Departmental Office by 1 December of the year prior to enrolment.

Physics 210 (2 credits) Oscillations and Waves
The aim of this course is to examine the general properties of waves and to consider the usefulness of wave equations by means of specific examples. Undamped, damped and forced vibrations are treated for electrical and mechanical systems. The course emphasises the usefulness of Fourier transforms in wave analysis, and gives close attention to their application in a qualitative understanding of Fraunhofer diffraction.

Physics 220 (2 credits) Electromagnetism and Optics
The electromagnetism part of this course covers the basic theory of the commonly observed electromagnetic phenomena and shows that they lead to Maxwell's equations (integral form). The optics part deals with optical sources, coherence, diffraction, holography, interferometers and polarisation.

Physics 240 (2 credits) Electronic Physics
The aim of this course is to provide students with a fundamental understanding of the basic electronic circuits which are useful in physics instrumentation. The lectures will cover (i) d-c, a-c and transient circuit theory, (ii) semiconductor device physics, (iii) circuit applications of semiconductor devices, and (iv) principles of electronic design and instrumentation.

Note: Students are recommended to enrol concurrently in the laboratory course Physics 290; however, those students specialising in Computer Studies who are taking Physics 240 solely as a prerequisite to Physics 343 are recommended to enrol for Physics 290 concurrently with Physics 343, unless they intend to enrol for Physics 390, 391 and 392.

Physics 250 (2 credits) Quantum Physics
The aim of this course is to introduce students to the concepts and methods of quantum theory. The formal structure of the theory will not be stressed. The course will cover the Schrödinger equation, and its application to simple quantum systems.
Stage II Laboratory Course

Physics 290 (6 credits) Experimental Physics
This is a laboratory course which supplements the lectures at Stage II level. It occupies two three-hour periods each week throughout the year, and is examined on the basis of continuous assessment. The course is preceded by an introductory lecture and concludes with a short examination (oral or written) to determine minor adjustments to student grades. Physics 290 is a prerequisite to the laboratory course at Stage III level, and must be passed before more than two of the courses Physics 210-250 may be credited.

The prerequisites for Physics 290 are Physics 110 and 120, Mathematics 120 and 140. The corequisites are TWO of the courses Physics 201-250.

Note: Students specialising in Computer Studies should refer to the note under Physics 240.

Stage III Lecture Courses

Note: There is no laboratory requirement for any of the advanced lecture courses in Physics, but not more than THREE of the courses Physics 312-385 may be credited unless at least ONE of the laboratory courses Physics 390-392 is also credited.

Physics 312-385
The prerequisites for these courses are listed in the schedule of courses. Students are recommended to enrol concurrently in Mathematics at Stage III level, the courses Mathematics 340, 360, 381, 390 being the most relevant.

Students should note the prerequisite requirement for MSc in physics and the arrangements concerning MSc theses.

Each course comprises two hours of lectures for one half-year. Tutorial assistance may be provided by arrangement.

Lists of text books or books for recommended reading are available from the Departmental Office by 1 December of year prior to enrolment.

Physics 312 (2 credits) Classical Mechanics
This course aims to give a brief review of the non-relativistic mechanics of systems of particles, and to develop the principles of generalised classical mechanics as they are used in physics. It will deal with the following topics: momentum, energy, angular momentum of single particles, and particle systems, generalised co-ordinates, constraints, Lagrange's equations, two-body problem, central forces and orbits, rigid body motion, Hamilton's principle, conservation theorems and symmetries, Hamilton's equations, canonical transformations, Poisson brackets. Emphasis is also laid on the parallels between the classical and quantum theories of mechanics.

Physics 313 (2 credits) Thermodynamics and Statistical Mechanics
This course is designed to extend the elementary consideration of heat and kinetic theory to cover the foundations of statistical mechanics, with application to quantum statistics. The following topics are covered: thermodynamics — first and second laws, entropy; kinetic theory — Boltzmann transport equation, H-theorem, transport problems; statistical mechanics — Boltzmann, Fermi and Bose distributions.

Physics 320 (2 credits) Electromagnetism and Electromagnetic Waves
The course extends the electromagnetism of Physics 220 to the general situation, carrying on through Maxwell's equations to the propagation and properties of EM waves. The lectures are based on the following topics: electrostatics in terms of Laplace's equation, including its solution in terms of Legendre polynomials and cylindrical harmonics; dielectrics; magnetic fields and currents; Maxwell's equations; Lienard Wiechert potentials. Electromagnetic wave propagation, wave guides; radiation from antennas, reflection, refraction and scattering of electromagnetic waves. Introduction to physics of plasmas as relating to electromagnetic waves.

Physics 330 (2 credits) Terrestrial Physics
A general introduction to the physics of the solid Earth, including aspects of the gravitational field, the rotation and figure of the Earth, seismology and the internal structure of the Earth, the Earth's internal heat, the geomagnetic field, paleomagnetism and geodynamics.

Note: Physics 330 is a corequisite to Geology 306 (Applied Geophysics) and Geology 307/Physics 393 (Experimental Geophysics). It has associated with it some particular experiments in applied geophysics which are also available to any student enrolled for the laboratory courses Physics 391 or 392.

1980 Calendar
Physics 331 (2 credits) Marine Physics
A general introduction to ocean physics including a review of the physical properties of ocean water, the application of fluid mechanics to dynamic phenomena such as ocean circulation, gravity waves, the tides and underwater acoustics.

Physics 332 (2 credits) Atmospheric Physics
A general introduction to physical processes involved in the lower atmosphere, including the origin, composition and structure of the atmosphere; the radiation balance; optical phenomena; atmospheric electricity; cloud physics; the thermodynamics and circulation of the atmosphere.

Note: Courses Physics 330, 331, 332 may be taken independently but the three taken together are designed to provide an overall view of the physics of the Earth.

Physics 334 (2 credits) Circuit Electrophysics.
This course is concerned with steady-state a-c circuit theory applied to both passive and active circuit analysis. Topics discussed include complex vector loci, Nyquist and Bode diagrams, matrix representation, s-plane concepts and operational amplifiers. Emphasis is placed on circuits suitable for instrumentation and data acquisition wherever possible. In common with Physics 343, this course is of interest to students intending to undertake experimental work although it is rather more theoretically biased.

Note: Students in this course will be benefited substantially by also enrolling in Physics 390, 391 or 392.

Physics 343 (2 credits) Pulse and Digital Electronics.
This course provides a systematic introduction to digital circuits and concepts that are basic to contemporary instrumentation and computation. The aim is to lead students from simple switching concepts in linear passive circuits via non-linear discrete semiconductor devices to integrated circuits and basic instrumentation systems. The course is of interest to all students intending to undertake experimental work and it is recommended by the Board of Computer Studies for students with an interest in Computer Science.

Note: Students in this course will benefit substantially by also enrolling in Physics 290, 390, 391 or 392.

Physics 351 (2 credits) Elemental Physics.
The course is designed to give an understanding of the observed behaviour of atomic systems in terms of the quantum theory. The following topics are discussed: (a) the one-dimensional Schrödinger equation and its application to linear molecules; (b) the quantization of orbital angular momentum and the extension of Schrödinger's equation to three dimensions; (c) perturbation theory and an introduction to matrix mechanics; (d) the spectra of hydrogen, hydrogen-like ions, alkali-like spectra and exotic atoms and their interpretation; (e) the spectra of helium, helium-like ions and the alkaline earth elements and their interpretation.

Physics 353 (2 credits) Molecular and Solid-State Physics.
The molecular physics section of the course covers the following topics: the hydrogen molecular ion, the hydrogen molecule, covalent and ionic bonds, molecular rotational and vibrational spectra and their interpretation using the Schrödinger theory. The solid state section covers the solid state section of the course deals with the structure of crystals and crystal lattices, lattice vibrations and the thermal properties of solids. The band theory of solids in terms of the quantum theory is also covered, as well as other selected topics. Concurrent or prior enrolment in Physics 350 is considered very desirable.

Physics 354 (2 credits) Nuclear and Particle Physics.
The aim of this course is to discuss the basic properties of atomic nuclei and elementary particles, and to give an introduction to recent developments in these fields. The course is divided into two sections: Nuclear physics: basic properties of nuclei, radioactive decay, nuclear
reaction mechanisms, introduction to nuclear models. Particle physics: discovery of mesons, resonances and strange particles, basic properties of elementary particles and their interactions, introduction to quark models. Concurrent or prior enrolment in Physics 350 is considered very desirable.

Physics 380-385 (each 2 credits) Selected Topics. Subject to the approval of the Head of Department students may select not more than two topics from those offered at MSc level in Physics. Any necessary prerequisites or corequisites will be as determined by the Head of Department.

Stage III Laboratory Courses
Physics 390, 391, 392 (each 3 credits) Experimental Physics A, B, C
Three general laboratory courses are available at Stage III level in Physics, and students may enrol for one or more of these in the same or subsequent years. Each course normally occupies two three-hour laboratory periods for half the year, but laboratory times are flexible depending on the allocation of experiments in the Advanced Laboratory, and Physics 392 may be spread over the whole year, at the discretion of the course organiser. Each course will contain a representative selection of experiments from different branches of physics, but will in addition contain experiments selected as far as is practicable to suit the particular interests of students. Experiments are available in general physics, atomic and nuclear physics, electronic physics and pure and applied geophysics.

In view of the value to be derived towards an understanding of experimental physics, it is expected that all students taking any of the 390-series laboratory courses will offer themselves for a period of Stage I laboratory demonstrating.

Prerequisites for enrolment in Physics 390, 391 or 392 are passes in TWO of the courses 31.201 to 31.250. Corequisites are concurrent enrolment (or passes) in ONE of the courses 31.312 to 31.353 for each Physics 390/1/2 course enrolment. At least ONE of the courses 390, 391 and 392 must be credited before more than three of the courses Physics 312-385 may be credited. At least TWO of the courses 390, 391, 392 or 393 are required as a prerequisite to Masters in Physics. The Stage II laboratory course Physics 290 is prerequisite to each of 390, 391 and 392.

Physics 393 (3 credits) Experimental Geophysics
This is a joint course offered by the Geology and Physics Departments and is the same as Geology 307. Students holding the Physics prerequisites 31.210 and 31.290 should enrol in Physics 393. For further information on this course students should consult the entry under 21.307 Experimental Geophysics.

Physics for MSc and Honours
Students are required to enrol and be examined in four papers from those listed below and a thesis (Physics 601) which counts as four papers. In addition they will be invited to attend one further course without formal enrolment. All Masters papers will be examined at the end of the year.

Lecture Courses Physics 410-485.
A number of lecture courses are available for the MSc degree in Physics covering a wide range of topics. Not all the papers listed may be offered each year and a sufficient number of enrolments will be required in each case. With the approval of Senate a Masters paper in another subject may be substituted for one of the papers in Physics. Further, with the approval of the Head of Department it is possible to select one Stage III course in Physics not previously taken, or with the approval of both Heads of Departments concerned, one Stage III course in another subject as one of the four courses required for the MSc degree in Physics. In these cases additional course work maybe required and a special examination will be sat as one of the "selected topics" 31.480-485.

Students will be advised in their selection of courses at enrolment but should discuss their proposed course of study and possible thesis topic with lecturing staff before the end of the Stage III year. There are no specific prerequisites for the individual lecture courses, but it is desirable that students should have taken the corresponding Stage III course where this is indicated. Concurrent enrolment in suitable courses may be advised.
Lists of textbooks or books for recommended reading are available from the Departmental Office by 1 December of the year prior to enrolment, but the advice of the lecturing staff should be sought before purchases are made.

Physics 410 Transform methods
This course deals with the theory and application of transform methods to linear physical systems. Topics presented will include: convolution, continuous and discrete Fourier transforms, Laplace transforms, z transforms and Hilbert transforms; with applications selected from: electric circuits, signal processing, optics, wave theory, spectroscopy and statistics.

Physics 414 Relativity
Introductory lectures on tensors are followed by a review of the Special Theory of Relativity. This covers kinematics, dynamics, and electromagnetism. Special emphasis is laid on the covariance of relativistic relations. Tensor theory is then further developed, and the fundamental postulates leading to the General Theory of Relativity presented. The course concludes with a brief study of Einstein's theory of gravitation and observational tests.

Physics 420 Laboratory and Space Plasma
The treatment of plasma physics is restricted to the fully ionized state. The subject is introduced by considering the motion of charged particles under the "guiding centre" approximation. Fluid type equations are developed to describe the properties of plasma. Solutions with application to astrophysics and fusion machines are considered. Propagation of electrostatic and electromagnetic waves in homogeneous magnetised plasma is given some emphasis. About eight lectures on space physics are devoted to the solar wind and the earth's magnetosphere and ionosphere.

Note: Previous enrolment in Physics 320 is desirable.

Physics 431 Ocean Physics
Special topics in ocean dynamics and underwater acoustics. A knowledge of the material presented in Physics 331 will be assumed.

Physics 432 Cloud Physics
The aim of the course is to provide a detailed understanding of the condition of the atmosphere and the various physical processes which lead to the formation of clouds, the onset of precipitation and the occurrence of lightning discharges. The contents of the course includes the theory of nucleation of condensation, freezing and sublimation. The measurement of nucleating agents in the atmosphere. Observations of cloud microstructure and its relation to rainfall probability. The theory of droplet growth and the development of droplet populations. The formation of rain and its characteristics. The growth of ice in the atmosphere, leading to precipitation. The electrical properties of clouds and studies of the lightning flash. Thunderstorm theories. Current research in cloud physics.

Note: Previous enrolment in Physics 332 is desirable.

Physics 433 Advanced Applied Geophysics
The theory and practice of the interpretation of geophysical measurements. The topics covered are presented in two groups in alternate years: (i) (odd years) potential field theory, quantitative interpretation of gravitational and magnetic anomalies (two and three-dimensional bodies); (ii) (even years) DC and AC resistivity measurements, seismic wave transmission refraction and reflection studies.

Practical Work: The year's practical work will be assessed by means of exercises to be completed during the lecture course which will be held during the first half of the year and two essays and a discussion of a seminar topic in the second half.

Note: This course is the same as Geology 406 and is given jointly by the Geology and Physics Departments. Previous enrolment in Physics 330, Geology 306 and Physics 393 is desirable.

Physics 441 Signal Processing
This course is concerned with the theory and application of modern techniques used in the transmission, reception and interpretation of signals. Topics presented include: operational amplifiers and active filters, modulation and detection of signals in the presence of noise, signal analysis by analogue and digital processes, digital filtering, phased detectors and optical signal processing methods.
Physics 443 Integrated Electronics
A course in digital and high speed pulse electronics with application in instrumentation and digital systems. Topics discussed include: number systems and codes, combinational logic, sequential digital systems (synchronous and asynchronous), digital system components and high speed switching devices.
The course is of interest to students intending to undertake experimental work in any field of study and particularly to those with an interest in Computer Science.

Note: Previous enrolment in Physics 343 is desirable.

Physics 450 Quantum Theory
Relativistic quantum mechanics and spin, scattering theory, rotations and other symmetry operations, quantum theory of radiation; with applications in atomic, nuclear and particle physics. Previous enrolment in Physics 312 and 350 is desirable.

Physics 453 Nuclear Physics
This course extends and treats more quantitatively topics already introduced in the nuclear physics part of Physics 353. The following topics are discussed: nucleon — nucleon forces, the nuclear three body problem, shell model of the nucleus, collective states, reaction mechanisms, fission and beta decay.

Note: Previous enrolment in Physics 350 and 353 is desirable, and students are recommended to enrol concurrently in Physics 450.

†Physics 454 Elementary Particle Physics
Properties of the elementary particles as experimentally found and introduction to the theory of their strong electromagnetic and weak interactions; quantum field theory; cosmic rays; survey of current experimental and theoretical research approaches.

Note: Previous enrolment in Physics 350 and 353 is desirable, and students are recommended to enrol concurrently in Physics 450.

†Physics 455 Quantum Optics
Modern developments in the basic theoretical description of light fields and of optical phenomena. Statistical properties of light fields, coherence, photon detection, photo-electron counting and correlation with applications to very high resolution spectroscopy in light-scattering processes. The laser and non-linear optical phenomena.

Note: Previous enrolment in Physics 350 is desirable.

Physics 480-485 Selected Topics

Special Lectures
Short courses of lectures on special techniques and instrumentation relevant to research activities of interest to the Department will be given from time to time. These lectures are available to staff and students and do not form part of the MSc examination.

Physics 601 Thesis
An experimental or theoretical thesis is required, and will count as four papers. A list of thesis topics available is produced during the third term for the following year. Students with special research interests may include other suggestions for consideration. A suitable thesis programme will then be allocated by the Head of Department after discussion with the teaching staff concerned.

With the approval of the Head of Department the thesis may be submitted by February 1st of the year following first enrolment for the Master of Science degree provided that students have commenced work on the thesis in December of their Stage III year.

Theses will otherwise be expected to be completed by October 1st of the second year of enrolment. Extensions of time for a third year may be granted in special circumstances.

The Department is prepared to meet the cost of an additional copy of the thesis for the Departmental thesis library and students are asked to provide such a copy.

†This paper will not be taught during the current Calendar year unless sufficient staff is available.
Research in Physics
Facilities are available for postgraduate and postdoctoral research in Physics in a wide variety of fields. Further information is available from the Departmental Office. The PhD degree in Physics normally requires about two and a half to three years full-time work. Part-time study is possible after the initial two years.

DEPARTMENT OF PHYSIOLOGY
Physiology for MSc and Honours
(Two papers and a Thesis (67.621)).
67.401, 67.402
The study of selected fields of Physiology at an advanced level with detailed study of one particular field. The thesis will be based on a research project and will be the major feature of the year's work.
Students from other Universities must have completed Physiology III or the equivalent.

DEPARTMENT OF PSYCHOLOGY
Psychology for BSc
The prescriptions for Psychology courses are as prescribed for BA
Note: Zoology and Mathematics are useful subjects for students advancing in Psychology for degrees in Science. The Schedule attached to the Course Regulations for the Degree of BSc should be consulted for prerequisites and corequisites. The Science Faculty handbook contains further useful advice.

Psychology for MSc and Honours
[Four papers and a Thesis (32.601) which is equivalent to three papers.
Students in consultation with the Head of Department will select four papers from among the following: 32.401-32.417. For prescriptions for papers 32.401-32.413 and 32.415-32.417 see Psychology for MA and Honours.
32.414 Physiological Optics
Note: 32.414 Physiological Optics is only offered to MSc candidates.

DEPARTMENT OF ZOOLOGY
Stage I
The first year course for students in Botany, Zoology or Biology comprises three 6-credit papers, Biology 101, (paper 39.101), Botany 102, (paper 6.102) and Zoology 102 (paper 38.102).

Biology 101 Central Concepts of Biology
An introductory course dealing with biological concepts common to animals, micro-organisms and plants; organic evolution; the biochemistry of macromolecules, especially nucleic acids and proteins; enzyme action and catalysis; cellular energetics; fundamental processes of ecosystems; population and community dynamics; genetic principles and mechanisms. This course may be taken as part of the Stage I requirement in either Botany or Zoology, but may not receive credit in both.

Zoology 102 Animal Evolution and Diversity
A survey of the evolution of animals, considering both the broad aspects of the evolutionary progression and detailed adaptations in physiology and anatomy to specific habitat and life history situations.

Biology for BA
This is a Stage I course for students who do not plan to take a science degree. The course is intended as a general survey of the biological sciences, with elementary chemistry, physics and
Faculty of Science, Prescriptions, Zoology, Biology

mathematics being introduced as necessary. The course cannot be used as a prerequisite for advanced Botany or Zoology. Weekly attendance at one 2-hour laboratory is required. Enrolment is through the Zoology Department at the allotted time for the Science course. Prospective students are advised to consult the Zoology Department prior to enrolment. The two courses in the Biology for Arts series are taught in alternate years.

*39.111 Unifying concepts in Biology
Given during the first half of the year 1981.
Cell Structure; Energy relationships; photosynthesis and respiration; Molecular Biology: control of synthesis of nucleic acids, proteins and macromolecules; Genetics: mechanisms of inheritance; Physiology.

39.112 Biological Diversity and Function

Advanced Courses

*Zoology 201, 301 Non-chordate Zoology
The classification, structure and functioning of the invertebrates. A wide range of phyla will be considered; less emphasis will be given to land arthropods. (Detailed treatment of these is given in 38.205-305).

Zoology 202, 302 Chordate Zoology
The evolution and biology of the hemichordates and protochordates. The evolution, structure and ecology of the Vertebrata, with particular reference to function and adaptation. Adaptations of mammals to special environments.
The practical course includes the study of vertebrate animals in the laboratory and in the field.

Zoology 203, 303 Animal Orientation and Timing
Orientation mechanisms and biological timing. A study of the orientation behaviour involved in habitat selection, migration, homing and predation in animals, with emphasis on the investigation of the mechanisms of these reactions using control systems analysis and sense organ physiology. The adaptive significance, nature and control mechanisms of biological clocks will also be studied in detail.

Zoology 204, 304 Social Behaviour of Animals
Derivation and Evolution of displays; ritualisation, releasers, instinctive behaviour; the ontogeny of social behaviour; the modes of communication; the use of space, territory, hierarchies, individual recognition; pair bonding, mating and parental care; the behaviour of the social insect.

Zoology 205, 305 Entomology
The structure, evolution and systematics of the insects. An introduction to those terrestrial groups related to insects i.e. Onychopora, Myriapoda, and Arachnida, the basic structure and morphology of insects, and a systematic coverage of the insect orders. Applied Entomology.

Biology 207, 307 Biometry
Elementary statistical methods and concepts with particular emphasis on their application in biological research.

Zoology 209, 309 Comparative Physiology
Elementary concepts in Animal Physiology with emphasis on adaptation to environment. Respiration, neurophysiology, salt and water balance receive special attention. The practical course provides an introduction to methods and instrumentation of importance in biological experimentation. There is little overlap with course 39.213 offered by the Botany Department.

Biology 211 Population and Community Ecology
Elementary demography and models of population growth; population genetics with emphasis on the concepts of selection and fitness; two-species interactions, competition and predation; multispecies associations. The emphasis will be on experimental ecology of both plants and animals from a wide range of habitats.
Biology 212, 312 Coastal Marine Biology
The biodiversity of the seas; the habitat structure of New Zealand shores and immediate sublittoral, with particular reference to habits and zoning of macro-organisms; descriptive schemes of community space and the search for underlying physical and biotic parameters; coastal biogeography and tropical shore ecology; conservation and utilisation of the coastline. Practical work includes a 7-day field course to Whangarei Heads (10 May-18 May), and optional day trips.

Biology 213 Plant Population Biology and Physiological Ecology
Physiological adaptations to stressful environments. The experimental approach to plant populations. Critical phases in the life history. Energy metabolism, allocation and the concept of strategy.

Competition. Plants in uncontrolled mixtures — the ecosystem.

Practical work will include projects in experimental plant ecology. A one-week field trip will be held during the third week of the May vacation jointly with 39.211.

Zoology 310 Animal Morphogenesis
Aspects of the cellular structure, behaviour and biochemistry which relate to morphogenesis. Particular topics will be chosen in relation to interests of staff. Laboratory work will emphasise techniques and will include preparation of material for transmission and scanning electron microscopy.

Biology 311 Freshwater Ecology
Animal and plant freshwater communities, particularly of lakes and rivers; the physical and chemical environment; physiography of rivers and lakes; hydrology; pollution. Part of the course will consist of a field trip and a weekend field course during May vacation.

Biology 313 The Ecology and Biogeography of Terrestrial Ecosystems
Different types of ecosystems and the world’s major biomes. Current controversies on diversity and stability in communities. Energy flow, trophic structure and the food web. Ecosystem integration through animal-plant-pathogen interaction. Nutrient cycling. Concepts of vegetation as discrete communities or continua. Ordination and classification techniques. Sampling. The Breakup of Gondwanaland. Climatic changes during the Pleistocene and Holocene. Holocene vegetation history in New Zealand and elsewhere and its bearing on the concept of climatic climax vegetation. Forest dynamics. Practical work will include a number of field trips and a one-week field course during enrolment week, with emphasis on forest ecology.

Biology 314 Applied Ecology
Principles and practice of pest control; resource management, including natural recreational resources, forests and fisheries; aspects of the conservation of natural ecosystems — the planning process.

Biology 316 Biological Oceanography
Characteristics of marine communities; the physical and chemical environment and primary production; marine algology; zooplankton and secondary production; characteristics of plankton, nekton, benthos and meiofaunas in shallow and deep seas. Practical work includes day or weekend field trips and several days of laboratory investigation.

Zoology for MSc
(Three papers and a Thesis (38.601)).

This course normally requires from fifteen months to two years and necessitates full-time attendance. Students who propose to undertake the MSc Degree should consult the Head of the Department towards the end of the previous year to decide upon the choice of a thesis subject.

38.401 Evolution and Natural Selection
The Neo-Darwinian theory is appraised, wider and more deeply than at the undergraduate level. This study comprises two equal parts: considered in the first is the theory and, especially, the weaknesses in it, and in the second actual evolutionary changes within populations and species. Much of this study will be done through independent reading.

1980 Calendar
Papers on a variety of topics ranging from developmental biology to population dynamics. The list of topics for the year will be available to students well before enrolment.

**Laboratory Work**

One practical class each week for first year courses and two classes each week for advanced courses is the minimum requirement. The practical work will be assessed separately and the marks will be included in the marks schedule of the University. A pass both in the written examination and in the practical work is necessary (BSc Regulation 7.)

**The Laboratory**

Animals are studied by means of direct observation, dissection and microscopical study. Students taking practical courses must provide their own dissecting instruments. Advice concerning the purchase of these is given when classes assemble. Microscopes and the apparatus most frequently employed will be issued to each student, who will be held responsible for their care. Students taking the advanced courses in field behaviour and ecology should possess field glasses.

All research students are required to lodge a deposit of $10 with the Department of Zoology before being granted access to equipment in the Department.

**The McGregor Museum**

The museum is open daily from 10 am until 5 pm.

**Field Ecological Classes**

There will be frequent opportunities for students in small groups to accompany members of the staff into the field for one day — or occasional week-end — trips. In addition, one week field courses will be required for advanced ecology classes 39.311 — 39.313 and 39.211-32.213.

**ENVIRONMENTAL STUDIES**

†Environment 200 (4 credits)

Introduction to global environmental problems of population, resources and pollution, with local illustrations through tutorials and field trips. Prerequisites: 24 Stage 1 credits or the equivalent from any Faculty, including 6 credits from the Science Faculty.
DIPLOMA COURSE REGULATIONS

DIPLOMA IN CLINICAL PSYCHOLOGY

DipClinPsych

The personal Course of study of every candidate must be approved by the Senate. Approval will normally be granted for Courses which are in accordance with the following Regulations: for general provisions affecting their Courses of study students are referred to the Enrolment and Course Regulations (General), the Terms Regulations, and the Examination Regulations.

General Provisions

1. Subject to the Admission Ad Eundem Statum Regulations, a candidate for the Diploma in Clinical Psychology shall
   (a) have been admitted or qualified for admission to a Bachelor's degree of the University of Auckland and
   (b) have satisfied the prerequisites for admission to a Master's degree in Psychology of this University.

2. Admission to the Course of study for the Diploma shall be at the discretion of the Senate on consideration of a recommendation from the Head of the Department of Psychology.

3. A candidate for the Diploma shall
   (a) follow a Course of study of not less than three years
   (b) concurrently follow a Course of study for a Master's degree in Psychology which shall include papers 32.403 and 32.409 and a thesis in the field of clinical psychology.

Course Content

4. The Course of study for the Diploma shall consist of two Parts

Part 1 32.500 (two years).
Lectures, laboratory work, and clinical instruction in the practice of psychology. Each candidate will be required to undertake a minimum of 12 hours per week during the first academic year and 15 hours per week during the second academic year of supervised clinical work with patients at the Department of Psychology or at any approved mental health institution (as may be required).

Part 2 32.501 (one year).
Practical work of not less than 38 hours per week within the psychology section of the Department of Justice, within the Department of Health, or within the Department of Psychology of the University.

5. No candidate shall be permitted to proceed to Part 2 until he has completed to the satisfaction of the Head of the Department of Psychology the work required for Part 1 of the course and has completed the requirements for a Master's degree in Psychology.

6. A candidate shall carry out to the satisfaction of the Head of the Department of Psychology such class, laboratory, clinical and practical work as may be required.

7. A candidate shall be deemed to have completed the requirements for the Diploma when he is awarded a pass on a final examination which shall include examination of a patient, the candidate's written report on the patient, and an oral examination.

8. These Regulations shall come into force on 1 January 1974.

DIPLOMA IN COMPUTATIONAL MATHEMATICS

DipCompMaths

The personal Course of study of every candidate must be approved by the Senate. Approval will normally be granted for Courses which are in accordance with the following Regulations: for general provisions affecting their Courses of study students are referred to the Enrolment and Course Regulations (General), the Terms Regulations, and the Examination Regulations.

1. Subject to the Admission Ad Eundem Statum Regulations, a candidate for the Diploma in Computational Mathematics shall before enrolment for this Diploma
   (a) have been admitted or have qualified for admission to a Bachelor's degree, and
   (b) except where the Senate otherwise permits, have passed in the following courses as prescribed for the degree of BSc:
      (i) Mathematics 220 or 221, 240 or 241
      (ii) At least one of Mathematics 170, 180
      (iii) Computer Science 230, 290, 390

1980 Calendar
4. One further paper in Computer Science or Applied Mathematics carrying at least four credits above Stage I.

2. A candidate permitted by the Senate to enrol for the Diploma without having fulfilled all the prerequisite requirements, may be required by the Senate to include all or any of the unfulfilled prerequisite as additional papers.

3. A candidate for the Diploma shall follow a Course of study of one year.

4(a) The Course of study for the Diploma shall consist of the following papers:

- 07.590 Studies in Computational Mathematics (weighting 6)
- 07.591 Exercises in Computational Mathematics (weighting 2)
- 07.592 Seminar in Computational Mathematics (weighting 1)
- 07.593 Project in Computational Mathematics (weighting 3)

(b) A candidate shall be required to pass as a whole the papers weighted respectively as shown in paragraph (a) of this Regulation.

5(a) The project (07.593) shall be delivered to the Registrar by 1 November, or later date approved by the Head of Department of Computer Science, of the year of the candidate's enrolment for the Diploma.

(b) Save where the Senate extends the time, the requirements for the Diploma shall be completed within that year.

6. These Regulations shall come into force on 1 January 1980.

DIPLOMA IN MATHEMATICAL EDUCATION
DipMathEd

The personal Course of study of every candidate must be approved by the Senate. Approval will normally be granted for Courses which are in accordance with the following Regulations: for general provisions affecting their Courses of study students are referred to the Enrolment and Course Regulations (General), the Terms Regulations, and the Examination Regulations.

1. Subject to the Admission Ad Eundem Statum Regulations, a candidate for the Diploma in Mathematical Education shall before enrolment for this Diploma have been admitted or have qualified for admission to a Bachelor's degree, and

(a) have passed in the following Mathematics courses (as prescribed for the Degree of BSc):

(i) Papers 220 or 221 and 240 or 241 and

(ii) one other 200 level course in mathematics; or

(b) have to the satisfaction of the Senate reached an equivalent level of attainment.

2. A candidate for this Diploma shall follow a Course of study for one year full-time or two years part-time or for such longer periods (either full or part-time) as the Senate on the recommendation of the Head of the Department of Mathematics may require or permit.

3. (a) A candidate shall complete a Course of study approved by the Head of the Department of Mathematics consisting of papers having a total credit value of 24 credits selected from 300/400 or 500 level Mathematics papers. The selection must include a project, 26.500 which counts as four credits. At least 16 credits must be selected from papers 26.500-26.569.

(b) A candidate who does not have an adequate knowledge of the major areas of secondary school mathematics will be required to make up the deficiency by attending an appropriate course or courses as directed by the Head of the Department of Mathematics.

4. A candidate shall deliver the project required in Regulation 3(a) to the Registrar by not later than 1 November in the year following the year of first enrolment, or by such later date as the Senate may in exceptional circumstances permit.

5. No candidates may present for this Diploma a paper which is the same or substantially similar in content to any paper he has already passed for any other Degree or Diploma.

6. These Regulations shall come into force on 1 January, 1980.

DIPLOMA IN ENERGY TECHNOLOGY (GEOTHERMAL)
DipEnTech (Geotherm)

The personal Course of study of every candidate must be approved by the Senate. Approval will normally be granted for Courses which are in accordance with the following Regulations: for general provisions affecting their Courses of study students are referred to the Enrolment and Course Regulations (General), the Terms Regulations, and the Examination Regulations.

1. Subject to the Admission Ad Eundem Statum Regulations, a candidate for the Diploma in Energy Technology (Geothermal) shall before his enrolment for this Diploma
Faculty of Science, Diploma Regulations, DipOpt

(a) have been admitted or have qualified for admission to a Bachelors degree in science or engineering or
(b) have reached an equivalent level of attainment in science or engineering to the approval of the Senate.

2. Admission to the Course of study shall be at the discretion of the Senate on consideration of a recommendation from the Board of Studies, Geothermal Institute.

3. A candidate for the Diploma shall follow a Course of study of one year.

4. The Course of study for the Diploma shall consist of three parts. The Diploma shall be granted by examination.

Part I
A core paper in Geothermal Systems and Technology (86.100).

Part II
EITHER (a) Geothermal Exploration for Earth Scientists (86.101) and
(b) Geothermal Exploration Technology (86.102) or
(c) Geothermal Production Technology (86.103) and
(d) Geothermal Energy Utilisation (86.104)

Part III
A project (86.606) on some aspect of Geothermal Energy

5. The project (86.606) shall be delivered to the Registrar by November 1 of the year of the candidates enrolment for the Diploma, or such later date as may be approved by Senate.

6. These Regulations shall come into force on January 1, 1979.

DIPLOMA IN OPTOMETRY
DipOpt

The personal Course of study of every candidate must be approved by the Senate. Approval will normally be granted for Courses which are in accordance with the following Regulations: for general provisions affecting their Courses of study students are referred to the Enrolment and Course Regulations (General), the Terms Regulations, and the Examination Regulations.

1. Subject to the Admission Ad Eundem Statum Regulations, a candidate for the Diploma in Optometry shall follow a Course of study of not fewer than four years.

2. The subjects of examination for the Diploma in Optometry shall be:

Division I
(As prescribed for the Degree of Bachelor of Science).
Chemistry 101, 102
Physics 115, 125 or 110, 120
Zoology 102
Biology 101

Division II
Optics 44.201
Motility and Binocular Vision 44.202
Ocular Anatomy 44.203
Ocular Physiology 44.204
Clinical Optometry II 44.211
Introduction to Pathology 44.212
Introduction to General Pathology 32.108
Introduction to Experimental Psychology 32.109

Division III
Sensory Aspects of Vision 44.301
Applied Optics 44.302
Binocular Vision and its Anomalies 44.303
Ocular Pathology 44.304
Clinical Optometry III 44.311
Contact Lens Practice 44.312
Sensory processes: Physiological Psychology 32.207
One paper from 32.206, 32.208

Division IV
Advanced Physiological Optics 44.401
Environmental Optometry 44.402
Socio-Economic Optometry 44.403
Clinical Optometry IV 44.411
Pediatric Optometry 44.412

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Geriatric Optometry 44.413  
Clinical Practice 44.414  
Project 44.421  
The Psychological Analysis of Vision and Hearing 32.307

3. Project. A candidate taking Project 44.421 is required to submit not later than 1 November in the year he presents the other subjects in Division IV, or at a subsequent date approved by the Head of the Department of Psychology, a satisfactory dissertation on a clinical topic approved by the Head of the Department.

4. Except with the approval of Senate, a candidate for the Diploma shall not enrol:
in the subjects of Division II unless he has passed in the subjects of Division I  
in the subjects of Division III unless he has passed in the subjects of Division II  
in the subjects of Division IV unless he has passed in the subjects of Division III.

5. In the subject Optometry the practical work shall be assessed separately for each candidate. A pass in both practical work and the written papers is necessary. The practical marks alone may, with the approval of the Senate, be credited to a subsequent year. In Division IV each section of paper 44.414 shall be assessed separately, and a pass in each section shall be required for the paper as a whole to be passed. Paper 44.414 shall be passed in the same year as 44.411 for a pass in each to be credited.

6. A candidate who holds the Degree of Bachelor of Science and has been credited with psychology courses at Stage I, II and III, may, on payment of the prescribed fees under the Fees Regulations, be credited with the courses Psychology I and three courses at advanced levels in Psychology for this Diploma in addition to any papers (or subjects) which he may be entitled to transfer under Regulation 12 of the Enrolment and Course Regulations (General).

7(a) Except as otherwise provided in this Regulation the course of every candidate shall be governed by these Regulations.
(b) A candidate who passed in any unit under any of the former Regulations for this Diploma shall be credited with such equivalent papers or subjects as the Senate may determine.

DIPLOMA IN STATISTICS

DipStats

The personal Course of study of every candidate must be approved by the Senate. Approval will normally be granted for Courses which are in accordance with the following Regulations: for general provisions affecting their Courses of study students are referred to the Enrolment and Course Regulations (General), the Terms Regulations, and the Examination Regulations.

1. Subject to the Admission Ad Eundem Statum Regulations, a candidate for the Diploma in Statistics shall before enrolment for this Diploma have been admitted or have qualified for admission to a Bachelor's degree, and
(a) have passed in the following Mathematics courses (as prescribed for the Degree of BSc):
(i) Papers 220 or 221 and 240 or 241 and (ii) paper 280 or (before 1974) paper 381; or
(b) have reached an equivalent level of attainment to the approval of the Senate.
2. A candidate for this Diploma shall follow a Course of study for one year full-time or two years part-time or for such longer periods (either full or part-time) as the Senate on the recommendation of the Head of the Department of Mathematics may require or permit.
3(a) A candidate shall complete a Course of study approved by the Head of the Department of Mathematics on the recommendation of the Head of the Statistics Unit, consisting of papers having a total credit value of 20 credits selected from 300/400 or 500 level Mathematics papers together with a project, 26.580, which counts as four credits. At least 12 credits must be selected from papers 26.380, 26.381, 26.480 to 26.489 and 26.581 to 26.589.
(b) A candidate who has no knowledge of computing shall be required to attend an appropriate course in computer programming.
4. A candidate shall deliver the project required in Regulation 3(a) to the Registrar by not later than 1 November in the year following the year of first enrolment, or by such later date as the Senate may in exceptional circumstances permit.
5. No candidate may present for this Diploma a paper which is the same or substantially similar in content to any paper he has already passed for any other Degree or Diploma.
6. These Regulations shall come into force on 1 January, 1974.
DIPLOMA COURSE PRESCRIPTIONS

DIPLOMA IN CLINICAL PSYCHOLOGY

The Course of study for this Diploma is designed to prepare the candidate for professional competence as a clinical psychologist.

The duration of the course is three years. Not more than five candidates may be admitted to the course for the first time in any one year. Candidates wishing to enrol should consult the Head of Department before 31 October preceding their first enrolment for the course.

Part 1 (two years)
In the first year candidates are required to complete papers 32.403 and 32.409 plus at least two other graduate papers; perform work supervised at the Department of Psychology; and visit as instructed.

In the second year candidates are required to complete the writing of their master's thesis to be submitted by the end of this year; and attend classes as required; and perform clinical work of no less than 15 hours per week at the Department of Psychology or another approved mental health institution.

Candidates wishing to take Part 2 in the following year should consult the Head of Department at the end of their second year in Part I of the course.

Part 2 (third year)
Practical work of not less than 38 hours per week in an approved mental health institution is required.

The final examination in the third year of the course will normally take place over two days towards the end of November.

DIPLOMA IN COMPUTATIONAL MATHEMATICS

07.590 Studies in Computational Mathematics
Numerical methods in linear algebra, differential equations, optimisation, and related fields. The construction of algorithms for the efficient solution of computational problems.

07.591 Exercises in Computational Mathematics
Practical work in computer programming and the construction of Mathematical software.

07.592 Seminar in Computational Mathematics
To satisfy the requirements of this course, each candidate participates in the seminar series arranged by the Department of Computer Science and presents at least one seminar to the satisfaction of the Head of the Department of Computer Science.

07.593 Project in Computational Mathematics
An investigation, supported by computer work, of some approved topic in Computational Mathematics or of an application to some other subject.

DIPLOMA IN ENERGY TECHNOLOGY (GEOTHERMAL)

The Course of study for this Diploma is taught under the auspices of the Geothermal Institute which has been set up within the University of Auckland by special funding from the United Nations Development Programme and the New Zealand Government. Teaching will be carried out within the Faculty of Science and the School of Engineering by the academic staff, and by visiting lecturers from Government agencies and private organisations engaged in geothermal exploration and development.

Application for admission to this Diploma course must be made to the Board of Studies, Geothermal Institute by 1 August for entry to the course in the following year. The number of students accepted for the course will be restricted each year. For 1979 and 1980 the student intake will be confined to applicants from developing countries and from New Zealand.

Note: Any prospective student who has not passed the University Entrance Examination, who has been previously enrolled at a New Zealand University other than the University of Auckland, or who last attended an overseas university must apply for admission under the Provisional Admission, and Admission Ad Eundem Statum. Regulations as defined elsewhere in the Calendar.
Part I will be the equivalent of two papers. The examination for the Diploma shall be in three parts and must be passed as a whole.

**Part I**

Geothermal Systems and Technology (86.100)

**Part 2**

EITHER (a) Geothermal Exploration for Earth Scientists (86.101).
- Petrology, secondary mineralisation and alteration. Drillhole logging. Geochemistry of geothermal fluids. Geophysical investigation of geothermal fields. Estimation and assessment of thermal field potential, and

(b) Geothermal Exploration Technology (86.102).
- Planimetric and geological mapping techniques. Mapping and sampling of geothermal discharges. Geophysical prospection techniques. Geochemical analysis. Drillhole logging techniques and instrumentation, or

(c) Geothermal Production Technology (86.103).
- Drilling techniques and completion tests, fluid transmission, thermodynamics and fluid mechanics of geothermal fluids, well operation and analysis, reservoir modelling and assessment, corrosion and deposition, materials for geothermal plant, and

(d) Geothermal Energy Utilisation (86.104).

**Part 3**

A written project on some aspect of geothermal energy including some degree of original research by the candidate (86.606).

**DIPLOMA IN MATHEMATICAL EDUCATION**

Candidates for this Diploma must have completed a Bachelor's degree and will normally have obtained passes in papers 26.220 or 26.221, 26.240 or 26.241 and one other 200 level paper in Mathematics. The course of study consists of papers having a total credit value of 24 credits selected from 30, 400 or 500 level Mathematics papers. The selection must include a project, 26.500 which counts as four credits. At least 16 credits must be selected from papers 26.500-26.569. The 500 level papers are listed below together with their credit values:

- 26.500 Project in Mathematical Education (4)
- 26.505 Topics in the History of Mathematics (4)
- 26.515 Mathematical Logic and the Philosophy of Mathematics (6)
- 26.520 Elementary Algebra from an Advanced Standpoint (6)
- 26.530 Elementary Calculus from an Advanced Standpoint (6)
- 26.550 Elementary Geometry from an Advanced Standpoint (4)
- 26.560 Advanced Studies of Topics in Elementary Mathematics (4)
- 26.561 Studies in Applied Mathematics Education
- 26.562 Topics in Mathematical Education A (4)
- 26.563 Topics in Mathematical Education B (4)
- 26.564 Special topics in Mathematical Education (6)
- 26.565 Advanced topics in Mathematical Education (6)

**DIPLOMA IN OPTOMETRY**

Department of Psychology

Optometry II

(Six papers and practical work).

44.201 Optics

(A knowledge of elementary optics will be assumed). A study of geometrical and physical optics with emphasis on lenses and lens systems; visual and ophthalmic applications.
44.202 Motility and Binocular Vision
The characteristics and control of ocular movements; accommodation and convergence; sensory aspects of binocular vision and space perception.

44.203 Ocular Anatomy
Gross and microscopic structure of the eye and its adnexa; the bony orbit; visual pathways and visual cortex; development and comparative anatomy of the eye.

44.204 Ocular Physiology
Activity of the various structures related to their function. Metabolic activity; synaptic transmission; maintenance of transparency and intraocular pressure.

44.211 Clinical Optometry
The theory, instruments and techniques of examinations of refractive error and visual functions.

44.212 Introduction to Pathology
Histological appearances of normal tissues; general theory of pathological processes.

Note: Students will be required to provide themselves with a number of ophthalmic instruments for their personal use throughout the course. The major items are a hand ophthalmoscope, retinoscope, Traquair targets, trial frame and focussing torch. Guidance will be given by the staff in the selection and purchase of suitable equipment, and of sundry additional small items which are required.

Optometry III
(Six papers and practical work).

44.301 Sensory Aspects of Vision
Physical and psychophysical description of the visual stimulus; photochemistry and electrophysiology of vision.

44.302 Applied Optics
A further study of lens systems with emphasis on the design of optical systems; the eye as an optical instrument; ophthalmic lens design.

44.303 Binocular Vision and its Anomalies
Abnormal sensory and motor aspects of binocular vision; associated anomalies of the central nervous system.

44.304 Ocular Pathology
The effects of pathological processes on the structures and functions of the eye; introduction to clinical recognition of abnormal ocular conditions.

44.311 Clinical Optometry
The principles of optometric examination and prescribing.

44.312 Contact Lens Practice
Clinical aspects of contact lens fitting techniques. Complications of contact lens wearing: contraindications.

Optometry IV
(Seven papers, and minor research project).

44.401 Advanced Physiological Optics
Nature and distribution of refractive errors; theories of emmetropization; ocular genetics. Application of contemporary research in physiological optics to clinical optometry.

44.402 Environmental Optometry
The design of the visual environment and its effects on visual efficiency, productivity and safety; occupational hazards and eye protection; principles of illuminating engineering, light sources, glare, lighting for special tasks.

44.403 Socio-Economic Optometry
Socio-economic aspects of optometric practice. Relationships between the practitioner, patient and allied professions.

44.411 Clinical Optometry IV
Special techniques of examination; investigation of visual fields; correction of aniseikonia; analysis of clinical findings.
44.412 Paediatric Optometry
The clinical examination of motility and binocular vision; recognition, classification and treatment of strabismus; special examination techniques for children.

44.413 Geriatric Optometry
Age changes in the eye. Clinical management of the ageing eye — criteria for referral; management of low visual acuity.

44.414 Clinical Practice
Practical aspects of optometrical examination.

44.421 Project
A minor investigation into a topic in physiological optics or optometry.
CERTIFICATE REGULATIONS

CERTIFICATES IN THE PRINCIPLES AND PRACTICE OF RADIOCHEMISTRY

08.350 Elementary Certificate
The course for this Certificate involves ten lectures and eleven laboratory classes each of three hours' duration.
Candidates may attend laboratory classes once a week in the first half year, once a week in the second half year, or by arrangement. No student may enter the laboratory unless he is wearing an approved form of eye protection.
The course is designed to suit the needs of chemists and biologists who anticipate working with tracer quantities of radio-isotopes. Topics covered include:
Counting methods
Counting statistics
Handling radioactive substances
Source preparation
Radiological safety
Three channel beta scintillation spectrometer
Gas-liquid chromatography of volatile beta-emitting substances

Examinations: Candidates will be assessed on their practical work together with a written test.
Prerequisite: 08.210, but students having need of radiochemical techniques may be admitted to 08.350 without having passed 08.210 upon obtaining the approval of the Head of the Chemistry Department.
A knowledge of Physics to about first year standard will be assumed.

08.351 Advanced Certificate
The course for the Advanced Certificate is intended to be taken in the same year as, or in a subsequent year to the Elementary Certificate. The course involves ten lectures given in the second half year, together with eleven laboratory classes each of three hours' duration. Candidates offering both Elementary and Advanced Certificates in the same year must attend the laboratory once each week throughout the session. No student may enter the laboratory unless wearing an approved form of eye protection.
Candidates offering the Advanced Certificate only may attend the laboratory by arrangement.
The course is designed to give a more detailed knowledge of radiochemical procedure. Topics covered include:
Gamma spectroscopy
Neutron activation
Radio-isotope generators
Radiochemical analytical procedures
Radiochemical synthesis
Applications

Examinations: Candidates will be assessed on their practical work together with a written test.
Prerequisite: 08.350 (Note: 08.350 may be taken in the same year).
A knowledge of Physics to about first year standard will be assumed.
Faculty of Commerce

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1980 Calendar
THE DEGREE OF BACHELOR OF COMMERCE

BCom

The personal Course of study of every candidate must be approved by the Senate. Approval will normally be granted for courses which are in accordance with the following regulations: for general provisions affecting their Courses of study students are referred to the Enrolment and Course Regulations (General), the Terms Regulations, and the Examination Regulations.

Admission

I (a) Admission to any paper in Part I of the Course of Study in Commerce shall be at the discretion of the Senate. Application for admission shall be made to the Registrar in writing before 10 January, or such other date as the Senate may determine, of the year in which the applicant proposes to enrol.

(b) Admission to any paper in Part I shall be granted or withheld upon a consideration of the past performance of the applicant at school and in university and public examinations, and upon an interview where this is required.

Minimum Time for Degree

2. Subject to the Admission Ad Eundem Statum Regulations, a candidate for the Degree of Bachelor of Commerce shall follow a course of study of not fewer than three years.

Definition of a Paper

3. In these Regulations a paper means an examinable part of one year's work in a subject. Papers are classified in three Stages, I, II, III, prescribed for this Degree in the Schedule to these Regulations.

Course Content

4. Every candidate in his Course of Study for this degree

(a) shall comply with the requirements specified below for Part I and Part II;

(b) shall comply with the requirements specified in the Schedule to these Regulations.

Part I

5. Except as provided elsewhere in these Regulations, for Part I a candidate shall be required

(a) to pass in two papers selected from

Mathematics, Pure 26.120, 26.122, 26.140, 26.142
Computer Science 07.190, 07.191
Economics 13.102;

(b) to pass the following Stage I papers

Accounting 01.100, 01.101
Commercial Law 02.100

Economics 13.100, 13.101; or 13.103, 13.104;

Order of Presenting Course

(c) before taking any other paper for Part I of this degree, to pass or enrol concurrently in the papers in paragraph (a) of this Regulation;

(d) before taking any paper for Part II of this degree, to pass or enrol concurrently in the papers in paragraph (b) of this Regulation: provided that the Senate may waive the requirements of paragraph (c) or paragraph (d) of this Regulation for a candidate

(i) who has been admitted or qualified for admission to a degree of this University; or

(ii) enrolled, under Regulation 13 (1) of these Regulations, conjointly for this degree and the Degree of Bachelor of Arts or the Degree of Bachelor of Science; or

(iii) enrolled conjointly for this degree and the Degree of Bachelor of Laws.

Part II

6. (a) Except as provided elsewhere in these Regulations, for Part II a candidate shall be required to pass no fewer than thirteen papers, including no fewer than three Stage III papers selected from the subjects Accounting, Economics, and Management Studies;

(b) A candidate may include as one, two, or three papers for this degree one, two, or three papers not already passed for this degree from any subject prescribed for any other degree of this University; provided that (i) for Science courses to be available for credit under this clause each such Science course must carry a minimum of four credits in the Schedule to the Regulations for the degree of BSc, and (ii) for the purpose of this Regulation, Science courses carrying lesser credit may be aggregated with other Science courses from the same stage of the same subject.

1980 Calendar
Maximum Course Load
7. Except with the permission of the Senate no candidate shall take in any one year more than eight papers for this Degree.

Direct Entry
8. (a) Notwithstanding anything in Regulations 4, 5 and 6 of these Regulations a candidate may with the leave of the Senate take Stage II papers of any subject to which this Regulation applies without having passed Stage I. If a candidate passes a Stage II paper in a subject he shall not be credited with any prerequisite Stage I paper of that subject. If the examiner certifies that the candidate though failing a Stage II paper attained the standard of a pass in a Stage I paper the candidate shall be credited with a pass in a Stage I paper of that subject.
(b) This Regulation applies to the following subjects
   Accounting
   Economics
   Mathematics

Credits
9. (1) (a) A candidate who has passed for another Degree of this University two Stage II level papers in Pure Mathematics or equivalent and has passed papers 13.200 and 13.201 of Economics shall be credited with papers 13.100 and 13.101 of Economics, on payment of the fees required by Regulation 12 of the Enrolment and Course Regulations (General)
(b) A candidate who, for the Degree of Bachelor of Engineering, has passed Engineering Mathematics I and Engineering Mathematics II shall be credited with Mathematics 26.240 and 26.360 on payment of the fees required by Regulation 12 of the Enrolment and Course Regulations (General)
Provided that the total credits granted to a candidate under paragraphs (a) and (b) of this clause of this Regulation and Regulation 12 of the Enrolment and Course Regulations (General) shall not exceed eight.
(2) A candidate who, for the Degree of Bachelor of Engineering, has been exempted from the Intermediate Examination shall be exempted without credit from Mathematics 26.122 and 26.142.
10. A candidate for this degree who abandoned another course of study and passed in a paper listed in the Schedule to these Regulations without receiving credit for that paper for any degree or diploma, may be credited with that paper for this degree.
11. (1) Notwithstanding anything elsewhere in these Regulations a candidate who has qualified with merit for the New Zealand Certificate of Commerce in Accountancy, or who has completed the Professional Examination in Accountancy; or who has passed with merit in at least six subjects of the Professional Examination in Accountancy, may be admitted by the Senate to the course for this Degree with credit for Accounting 01.100, 01.101, Commercial Law 02.100 and 02.200 and two other unspecified papers provided he pays the fees required by Regulation 12 of Enrolment and Course Regulations (General).
(2) A candidate who has completed the Diploma in Business and Industrial Administration shall be credited with Management Studies 72.200, Economics 13.103 and two unspecified papers on payment of the fees required by Regulation 12 of the Enrolment and Course Regulations (General).

BCom/LLB, BCom/LLB (Hons)
12. (1) A candidate who
(a) for this degree or for the Degree of Bachelor of Laws or Bachelor of Laws (Honours), has passed the following papers.
(i) two papers selected from
   Mathematics, Pure 26.120, 26.122, 26.140, 26.142
   Computer Science 07.190, 07.191
   Economics 13.102;
(ii) Accounting 01.100 and 01.101;
(iii) Economics 13.100 and 13(b) for the Degree of Bachelor of Laws or Bachelor of Laws (Honours) has passed
(iv) Legal System 25.103;
(v) Law of Contract 25.105;
(vi) Commercial Law 25.204 or Advanced Commercial Law 25.302;
(vii) Company Law and Partnership 25.208 or Company Finance 25.309;
(viii) Industrial Law 25.212;
(ix) Income Tax 25.221; and
(c) for this degree has in addition passed no fewer than eight Stage II or Stage III papers (including no fewer than three Stage III papers from the subjects Accounting, Economics, and Management Studies) selected from those specifically listed in the Schedule, in the subjects Accounting, Economics, Management Studies, Psychology, Mathematics and Computer Science, shall be deemed to have satisfied the requirements for this degree.

(2) The papers so credited to this degree under this Regulation shall be admitted as cross-credits, exemptions, or additional cross-credits as the case may be for the purpose of Regulation 12 of the Enrolment and Course Regulations (General).

BCorn/BA, BCom/BSc

13(1) A candidate whose academic record is, in the opinion of the Dean of the Faculty of Commerce, of sufficiently high standard, may, with the permission of the Senate, be admitted to a conjoint course of study for this Degree and the Degree either of BA or of BSc (in this Regulation called "a conjoint course").

(2) Admission to a conjoint course of study shall be either at the beginning of that course or immediately after the first year of academic study either for this Degree or the Degree of BA or of BSc.

(3) A candidate taking a conjoint course shall be required to re-enrol for it, with the permission of the Dean of the Faculty of Commerce and of the Dean of the other Faculty concerned, in each year after the year of first enrolment (so that a continuous enrolment is maintained).

(4) A candidate who has taken a conjoint course and who
(a) has passed for the Degree of Bachelor of Arts or the Degree of Bachelor of Science the following papers.

(i) Two papers selected from
Mathematics, Pure 26.120, 26.122, 26.140, 26.142
Computer Science 07.190, 07.191
Economics 13.102
(ii) Economics 13.100, 13.101; or 13.103, 13.104; and
(b) for Part I of this degree has passed
(i) Accounting 01.100, 01.101
(ii) Commercial Law 02.100; and
(c) for Part II of this degree has passed no fewer than seven Stage II or Stage III papers selected from those specifically listed in the Schedule, in the subjects Accounting, Commercial Law, Economics, Management Studies, Psychology, Mathematics and Computer Science, including no fewer than three Stage III papers selected from the subjects Accounting, Economics, and Management Studies; and
(d) has completed the requirements for either the Degree of Bachelor of Arts or the Degree of Bachelor of Science,
shall be deemed to have satisfied the requirements for this degree.

(5) The papers so credited to this degree under this Regulation shall be admitted as cross-credits, exemptions, or additional cross-credits as the case may be for the purpose of Regulation 12 of the Enrolment and Course Regulations (General).

Elective Papers

14. Except as provided in Regulation 6(b), a candidate wishing to take for this Degree any unit, course or paper which is also prescribed for any other degree, shall comply with such of the Regulations for each of those Degrees as apply to that unit, course, or paper.

15. No candidate shall take a subject, unit or paper the same as or substantially equivalent to any other subject, unit or paper, and obtain credit for both for this degree.

Savings and Transitional Provisions

16. (1) Except as otherwise provided in this Regulation the course of study of every candidate shall be governed by these Regulations.

2. A candidate who passed under any of the former Regulations for this degree in any unit of which the papers are also papers under these Regulations shall be credited with passes in those papers under these Regulations provided that the Senate is satisfied that the prescription in any such paper is at least the equivalent of that prescribed under these Regulations.

1980 Calendar
(3) A candidate who enrolled for the degree before 1971 may be permitted by the Senate to complete the requirements for the degree by following a prescribed Course of Study.

(4) The Senate may, in such exceptional cases as it thinks fit, approve a personal course of study which does not conform to the foregoing Regulations.

17. These Regulations shall come into force on 1 January, 1977.

Schedule

1. This schedule sets out paper numbers, prerequisites, corequisites, restrictions and other conditions applying to papers for the Degree of Bachelor of Commerce.

2. The schedule shall be read with the Regulations for the Degree and with the prescriptions set out elsewhere in the Calendar.

3. The heading 'prerequisites' in relation to a paper refers to other papers which must be passed before the candidate may take that paper.

4. The heading 'corequisites' in relation to a paper refers to other papers which must be taken concurrently with that paper or have been passed in a previous year.

5. The heading 'restrictions' in relation to a paper refers to a paper which cannot be taken in addition to that paper.

6. A candidate may not take a further stage of a subject until he satisfies all prerequisite and corequisite requirements for that stage of the subject.
ACCOUNTING

Note: A requirement for the granting of terms to candidates presenting papers in Accounting is the completion of assignments to the satisfaction of the Head of the Department of Accountancy (see General Statutes and Regulations, Terms).

### ACCOUNTING — Stage I

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Title</th>
<th>Prerequisites</th>
<th>Corequisites</th>
<th>Restrictions</th>
<th>Qualifications</th>
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<tbody>
<tr>
<td>01.100</td>
<td>Introduction to Accounting (a)</td>
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<tr>
<td>01.101</td>
<td>Introduction to Accounting (b)</td>
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<td>01.101</td>
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### ACCOUNTING — Stage II

<table>
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<th>Restrictions</th>
<th>Qualifications</th>
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<tbody>
<tr>
<td>01.200</td>
<td>Financial Accounting</td>
<td>01.100</td>
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<tr>
<td>01.201</td>
<td>Accounting for Special Entities</td>
<td>01.100</td>
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<tr>
<td>01.202</td>
<td>Cost &amp; Management Accounting</td>
<td>01.101</td>
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<tr>
<td>01.203</td>
<td>Accounting Systems &amp; Data Processing</td>
<td>01.101</td>
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<tr>
<td>01.204</td>
<td>Public Sector Accounting</td>
<td>01.100</td>
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### ACCOUNTING — Stage III

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<th>Restrictions</th>
<th>Qualifications</th>
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<tbody>
<tr>
<td>01.300</td>
<td>Financial Accounting</td>
<td>01.200</td>
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<tr>
<td>01.301</td>
<td>Auditing</td>
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<td>01.203</td>
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<td>01.302</td>
<td>Cost &amp; Management Accounting</td>
<td>01.202</td>
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<td>01.303</td>
<td>Investment Analysis &amp; Planning</td>
<td>01.200</td>
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<tr>
<td>01.304</td>
<td>COBOL Programming and Systems Analysis</td>
<td>01.203</td>
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<tr>
<td>Title of paper</td>
<td>Prerequisites</td>
<td>Corequisites</td>
<td>Restrictions</td>
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<td><strong>COMMERCIAL LAW</strong></td>
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<td>Note: A requirement for the granting of terms to candidates presenting papers in Commercial Law is the completion of assignments to the satisfaction of the Head of the Department of Accountancy (see General Statutes and Regulations, Terms).</td>
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<tr>
<td><strong>COMMERCIAL LAW — Stage I</strong></td>
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<tr>
<td>02.100 Introduction to Law</td>
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<td><strong>COMMERCIAL LAW — Stage II</strong></td>
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<td>02.200 Contract Law</td>
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<td>02.201 Finance Law</td>
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<td><strong>COMMERCIAL LAW — Stage III</strong></td>
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<tr>
<td>02.300 Company Law and Partnership</td>
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<td>02.301 Taxation and Estate Planning</td>
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<td>02.302 Industrial Law</td>
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<td>†02.303 Special Contracts</td>
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<tr>
<td>02.304 Law of Marketing and Overseas Trade</td>
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<td><strong>COMPUTER SCIENCE</strong></td>
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<td><strong>COMPUTER SCIENCE — Stage I</strong></td>
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<tr>
<td>07.190 Introduction to Algorithmic Processes</td>
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<td>07.191 Introduction to Computing</td>
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Papers 07.190, 07.191, 07.290 are not available to a candidate who has passed 26.180, 26.191, 26.290 respectively, prior to 1980.

02.300 is not available to a candidate who has passed Commercial Law prior to 1969.
<table>
<thead>
<tr>
<th>Title of paper</th>
<th>Prerequisites</th>
<th>Corequisites</th>
<th>Restrictions</th>
<th>Qualifications</th>
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<tr>
<td>07.210 Computer Organisation</td>
<td>07.191</td>
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<tr>
<td>07.220 Information Structures</td>
<td>07.191</td>
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<tr>
<td>07.230 Programming Languages</td>
<td>07.191</td>
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<tr>
<td>07.290 Numerical Computation</td>
<td>07.190 or permission from Head of Department</td>
<td>26.220 or 26.221</td>
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</table>

| **COMPUTER SCIENCE — Stage III** |               |              |              |                |
| 07.310 Advanced Computer Organisation | 07.210        |              |              |                |
| ♠07.320 Advanced Information Structures | 07.220        |              |              |                |
| 07.340 Operating Systems | 07.220        | 07.230       |              |                |

**ECONOMICS**

**ECONOMICS — Stage I**

Note: Students planning to take Stage II papers should offer 13.100 and 13.101. Some Economics III papers require mathematics and statistics prerequisites. Students planning to take Stage III papers should consult the Head of the Department for advice.

| 13.100 Microeconomics | 13.103; 15.147; 15.116; 15.136 |
| 13.101 Macroeconomics | 13.100       |
| 13.102 Statistical Methods | 13.103; 15.147; 15.116; 15.136 |
|                           | 26.180; 26.181 |

Paper 07.340 is not available to a candidate who has passed 07.320 prior to 1980.

13.102 is not available to a candidate who passed 13.202 before 1977.
<table>
<thead>
<tr>
<th>Title of paper</th>
<th>Prerequisites</th>
<th>Corequisites</th>
<th>Restrictions</th>
<th>Qualifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>13.103 Principles of Economics</td>
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<td>13.100; 13.101;</td>
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<td></td>
<td></td>
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<td>15.147; 15.116;</td>
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<td>15.136</td>
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<tr>
<td>13.104 Applied Economics</td>
<td>13.103 or 13.100 and 13.101</td>
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</tbody>
</table>

ECONOMICS — Stage II

<table>
<thead>
<tr>
<th>Title of paper</th>
<th>Prerequisites</th>
<th>Restrictions</th>
<th>Qualifications</th>
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</thead>
<tbody>
<tr>
<td>13.200 Microeconomics</td>
<td>13.100; 13.101</td>
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<tr>
<td>13.201 Macroeconomics</td>
<td>13.100; 13.101</td>
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<tr>
<td>13.203 Managerial Economics</td>
<td>13.100 or 13.103; 26.122</td>
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<tr>
<td>13.204 Public Economics</td>
<td>13.100; 13.101</td>
<td></td>
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<tr>
<td>13.210 The Industrialisation of Britain to 1870</td>
<td>13.100; 13.101</td>
<td>17.200</td>
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<tr>
<td>13.211 The International Economy since 1870</td>
<td>13.100; 13.101</td>
<td>17.201</td>
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<tr>
<td>13.212 Economics of Socialism</td>
<td>13.100; 13.101</td>
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<tr>
<td>†13.213 Special Topic</td>
<td>13.100; 13.101</td>
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</tbody>
</table>

ECONOMICS — Stage III

Note: Students taking papers 13.300, 13.301, 13.302, 13.303 and 13.305 must have previously passed 26.122, 26.142, 13.102 or 13.202, or alternatives approved by the Head of the Department. Students are strongly recommended to have taken 13.205.
<table>
<thead>
<tr>
<th>Title of paper</th>
<th>Prerequisites</th>
<th>Corequisites</th>
<th>Restrictions</th>
<th>Qualifications</th>
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<tbody>
<tr>
<td>13.300 Theory of Value</td>
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<td>13.200</td>
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<tr>
<td>13.301 Macroeconomic Theory and Policy</td>
<td>13.200; 13.201</td>
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<tr>
<td>13.302 Econometrics</td>
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<td>13.200 or 13.201</td>
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<tr>
<td>*13.303 Operations Research</td>
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<td>13.203</td>
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<tr>
<td>13.304 International Trade</td>
<td>13.200; 13.201</td>
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<tr>
<td>13.305 Financial Economics</td>
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<td>13.200</td>
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<tr>
<td>13.306 Classical, Marxist and Modern Economic Ideas</td>
<td>13.200; 13.201</td>
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<tr>
<td>13.307 Public Expenditure</td>
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<td>13.200 or 13.204</td>
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<tr>
<td>13.308 Special Topic</td>
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<tr>
<td>13.309 Special Topic</td>
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<tr>
<td>*13.310 Economic History of Australia and NZ</td>
<td>Any two Stage II Economic papers</td>
<td></td>
<td>17.300</td>
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<tr>
<td>*13.312 China Under Socialism</td>
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<tr>
<td>13.313 Special Topic</td>
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</tbody>
</table>

**MANAGEMENT STUDIES**

**MANAGEMENT STUDIES — Stage II**

<p>| 72.200 Organisational Studies               |               |              |              |                |
| 72.201 Marketing Management                 |               |              |              |                |</p>
<table>
<thead>
<tr>
<th>Title of paper</th>
<th>Prerequisites</th>
<th>Corequisites</th>
<th>Restrictions</th>
<th>Qualifications</th>
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<tbody>
<tr>
<td>†72.220 Transaction Processing</td>
<td>4 Part I papers including 01.101 and 26.191</td>
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<td>01.203</td>
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<tr>
<td>†72.221 Programming Laboratory</td>
<td></td>
<td>72.220</td>
<td>01.304</td>
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**MANAGEMENT STUDIES — Stage III**

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Prerequisites</th>
<th>Corequisites</th>
<th>Restrictions</th>
<th>Qualifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>72.300</td>
<td>Policy Studies</td>
<td>72.200, 72.201</td>
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<tr>
<td>72.301</td>
<td>Consumer Behaviour</td>
<td>72.201, 32.210</td>
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<tr>
<td>72.302</td>
<td>Operations Management</td>
<td>13.203</td>
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<tr>
<td>72.303</td>
<td>Industrial Relations Theory</td>
<td>72.200, 32.210</td>
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<tr>
<td>†72.304</td>
<td>Management Information</td>
<td>72.200; 01.203 or 07.210 or 07.220 or 07.230</td>
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<td>Recommended related paper 02.302.</td>
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<tr>
<td>72.305</td>
<td>Organisational Behaviour</td>
<td>72.200, 32.210</td>
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<tr>
<td>72.306</td>
<td>Marketing Research</td>
<td>72.201; 13.102 or 26.180 or 26.181</td>
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<td>72.307</td>
<td>Personnel Administration</td>
<td>72.200, 32.210</td>
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<tr>
<td>†72.308</td>
<td>Operations Research</td>
<td>13.203</td>
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<tr>
<td>72.309</td>
<td>Special Topic</td>
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<td>72.310</td>
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<tr>
<td>†72.320</td>
<td>Systems Design</td>
<td>07.210, 07.220</td>
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<tr>
<td>*72.321</td>
<td>Systems Project</td>
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</table>

Enrolment in Special Topic papers is subject to the approval of the Head of Department.
<table>
<thead>
<tr>
<th>Title of paper</th>
<th>Prerequisites</th>
<th>Corequisites</th>
<th>Restrictions</th>
<th>Qualifications</th>
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<tbody>
<tr>
<td>*72.322 Information Analysis</td>
<td>13.102</td>
<td>72.320</td>
<td></td>
<td>Recommended related paper 13.203.</td>
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<tr>
<td>†72.323 Systems Economics</td>
<td>13.102</td>
<td>72.320</td>
<td>72.304</td>
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</table>

**MATHEMATICS**

**MATHEMATICS, APPLIED — Stage I**


**MATHEMATICS, APPLIED — Stage II**

26.280 Statistics | 26.180, or 26.181 (subject to approval of Head of Department) | 26.240 or 26.241 |

**MATHEMATICS, APPLIED — Stage III**


26.391 Optimization in Operations Research | 07.190 or equivalent 26.220 or 26.221 |

<table>
<thead>
<tr>
<th>Title of paper</th>
<th>Prerequisites</th>
<th>Corequisites</th>
<th>Restrictions</th>
<th>Qualifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATHEMATICS, PURE — Stage I</td>
<td></td>
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<td>26.121, 26.122, 26.221</td>
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<tr>
<td>26.120 Principles of Algebra</td>
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<td>26.120, 26.121, 26.221</td>
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<tr>
<td>26.142 Concepts of Calculus</td>
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</table>

MATHEMATICS, PURE — Stage II
One or two papers from courses as prescribed for BSc

MATHEMATICS, PURE — Stage III
One, two or three papers from courses as prescribed for BSc

ELECTIVE PAPERS — any Stage
One, two or three papers as prescribed for any other Degree not already taken for this Degree.

At the discretion of the Head of Department of Mathematics
At the discretion of Head of Department of Mathematics
The Head of Department of the subject concerned may require the candidate to pass in a paper or course as prescribed for any other Degree.
<table>
<thead>
<tr>
<th>Title of paper</th>
<th>Prerequisites</th>
<th>Corequisites</th>
<th>Restrictions</th>
<th>Qualifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSYCHOLOGY</td>
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<tr>
<td>PSYCHOLOGY — Stage II</td>
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<tr>
<td>†32.210 Introduction to Social Behaviour</td>
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<td>Students who have passed 32.110 or 32.204 may not take 32.210.</td>
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</tbody>
</table>

*This paper will not be taught in the current Calendar year.

†This paper may not be taught during current Calendar year unless sufficient staff is available.
THE DEGREE OF MASTER OF COMMERCE

MCom

The personal Course of study of every candidate must be approved by the Senate. Approval will normally be granted for Courses which are in accordance with the following regulations: for general provisions affecting their Courses of study students are referred to the Enrolment and Course Regulations (General), the Terms Regulations, and the Examination Regulations. Students not qualified to enrol for MCom by reason of Clause 1(a) of these Regulations may be permitted to enrol for MPhil.

General Provisions
1. Subject to the Admission Ad Eundem Statum Regulations, a candidate for the Degree of Master of Commerce shall before his enrolment for this Degree
   (a) have been admitted or qualified for admission to the Degree of Bachelor of Commerce, and
   (b)(i) have fulfilled the prerequisites for his subject as shown in the Schedule to these Regulations, and
   (ii) have obtained a grade higher than C- in each Stage III paper in the subject which he proposes to take for this Degree,
   provided that, in special circumstances where the Head of Department so recommends, the Senate may for the respective purposes of this Subclause (b) of this Regulation, waive such preconditions as it thinks fit.
2. A candidate shall be required to fulfil the requirements of and pass the examination in one of the subjects prescribed in the Schedule.
3. Notwithstanding anything in Regulation 2, a candidate for this Degree may with the permission of the Senate take,
   (i) one Stage III or one Master's paper or (ii) one Stage III and one Master's paper, or (iii) two Master's papers, in a subject other than the one in which he is taking his Degree, if each such paper is related to the candidate's research interests. Each such paper shall substitute for and be equivalent to one paper in the Master's course of the subject in which the Degree is being taken.
4. No candidate shall take for this Degree any paper the same as or substantially equivalent to any other paper he has passed or is taking and obtain credit for both for this Degree.
5. A candidate shall not take for this Degree a subject in which he has already passed for the Degree of Master of Arts or the Degree of Master of Philosophy.
6. Except as provided in the Schedule a candidate shall take all papers required for this Degree in the same year.
7. Subject to Regulation 9(d), a candidate shall complete the requirements for this Degree within twenty-four months of his first enrolment for the Degree.

Honours
8(a) There shall be two classes of Honours: First Class Honours and Second Class Honours. Second Class Honours shall be awarded in two divisions, First Division and Second Division.
(b) To be eligible for the award of Honours a candidate shall pass no fewer than four papers in the first year of enrolment for this Degree.
(c) Honours shall not be awarded if the papers in the first year in which a candidate sits an examination for the Degree are unsatisfactory or if the thesis at its first presentation is unsatisfactory, provided, however, that a candidate whose performance at a written examination has been seriously impaired by illness or exceptional circumstances beyond his control (certified as under the Aegrotat Pass or Compassionate Pass provisions of the Examination Regulations) may elect, instead of applying for an aegrotat or compassionate pass, to present himself at a subsequent written examination and still be eligible for the award of Honours, subject to the provisions of Regulation 7 above, and to Regulations 8 and 9 of the Examination Regulations.

Thesis
9(a) A thesis shall embody the results obtained by the candidate in an investigation in some branch of the subject.
(b) A thesis may be presented in the first year of enrolment for this Degree only with the approval of the Head of Department concerned.
(c) A candidate may enrol for a thesis in any year subsequent to the first year of enrolment for this Degree only if he obtains an average grade of at least B — in the papers sat in the first year.

(d) A candidate shall present his thesis not later than twenty-four months after his first enrolment for this Degree, provided that this period may be extended by the Head of Department concerned for not more than one year and in exceptional circumstances for longer by the Senate.

(e) If the examiner with the concurrence of the Assessor so recommends, a thesis which is not considered satisfactory shall be returned to the candidate, who may be permitted to revise it and to represent it subject to Regulation 9 (d) above by a later date specified by the Head of Department.

Note: An abstract is to be submitted with each copy of the thesis, see Examination Regulation 14.

Personal Course of Study
10. The personal Course of study of a candidate shall require the approval of the appropriate Head of Department.

11. The Senate may in such exceptional cases as it thinks fit approve a personal Course of study which does not conform to the foregoing Regulations.

Savings and Transitional Provisions
12(a) Except as otherwise provided in this Regulation the course of every candidate shall be governed by these Regulations.

(b) A candidate enrolled for this Degree under the Regulations published in the 1974 Calendar may complete the Degree under those Regulations or he may elect to transfer to the present Regulations. A candidate electing to transfer to these Regulations shall not be permitted to present papers which in the opinion of the Head of Department concerned contain a substantial portion of work included in papers for which the candidate has received credits.

13. These Regulations shall come into force on 1 January, 1975.

SCHEDULE
(1) Accounting
Prerequisites: Eight papers in the subject Accounting including three Stage III papers.
Requirements: Six papers; or four papers and a thesis (01.601) which shall count as two papers; or five papers and a research essay (01.603) which shall count as one paper.
To be eligible for honours a candidate shall pass no fewer than four papers in the first year of enrolment for this degree. A candidate not seeking honours may enrol for a minimum of three papers in the first year.
The papers shall be selected from 01.400 to 01.414 and 02.400 to 02.405.
Provided that a candidate may, with the approval of the Head of the Department, substitute for one or two Accounting papers for this Degree advanced papers not already taken by him from those prescribed for the Degree of Bachelor of Commerce in either Accounting or Commercial Law or both as follows:
Two advanced BCom papers for one paper for this Degree; three advanced BCom papers for two papers for this Degree; and further provided that a candidate substituting in terms of this clause is not eligible for the award of Honours.

(2) Economics
Prerequisites: Eight papers in the subject Economics including three Stage III papers.
Requirements: Six papers; or four papers and a thesis (13.601) which shall count as two papers; or five papers and a research essay (13.603) which shall count as one paper.
The papers shall be selected from 13.400 to 13.413.
Notwithstanding anything in Regulation 6, a candidate presenting five papers and a research essay or six papers shall either present all papers or all papers and the research essay in the same year or, having presented four papers in the first year, present the remaining two papers or the one paper and research essay in the year next following.

(3) Management Studies
Prerequisites: Eight papers in the subjects Management Studies, Accounting or Economics including any two Stage III Management Studies papers.
Requirements: Five papers and a research essay (72.603) which counts as one paper or four papers and a thesis (72.601) which counts as two papers. The papers shall be selected from 72.400 to 72.415.
In special circumstances and with the permission of the Head of Department, a candidate may present five papers and a research essay or four papers and a thesis in the first year of enrolment for this degree. Notwithstanding anything in Regulation 6, a candidate presenting five papers and a research essay shall either present all papers in the first year or, having presented four papers in the first year, present the remaining one paper and the research essay in the year next following.
DEGREE COURSE PRESCRIPTIONS
DEPARTMENT OF ACCOUNTANCY

ACCOUNTING I

01.100 Introduction to Accounting (a)
Basic financial accounting method including an introduction to external reporting.

01.101 Introduction to Accounting (b)
Introduction to accounting theory, management accounting and the design and operation of business information systems.

ACCOUNTING II

01.200 Financial Accounting
Company accounting and finance.

01.201 Accounting for Special Entities
Trust accounting; farm accounting; and other selected topics.

01.202 Cost and Management Accounting
Budgetary and standard cost control systems, internal control and divisional performance appraisal.

01.203 Accounting Systems and Data Processing
Accounting systems for information and control, commercial data processing and computer programming.

01.204 Public Sector Accounting
Central, regional and local government accounting and finance including the accounts of government trading corporations and other statutory bodies.

ACCOUNTING III

01.300 Financial Accounting
Contemporary issues in financial accounting theory and practice.

01.301 Auditing

01.302 Cost and Management Accounting
Accounting for planning, decision-making and control.

01.303 Investment Analysis and Planning
Corporate investment for risky investments, capital structure and dividend policies, corporate financing and management of assets.

01.304 COBOL Programming and Systems Analysis
Introduction to Commercial Computer Programming and the theory and techniques associated with the analysis and design of commercial computer applications.

ACCOUNTING FOR MCOM AND HONOURS

The requirements for the MCom degree are six papers, or five papers and a research essay, or four papers and a thesis. To be eligible for honours a candidate must take at least four papers in the first year and satisfy the remaining requirements during the following year. A candidate not seeking honours may enrol for a minimum of three papers in the first year and three papers in the following year. (Refer course regulations).

01.400 Accounting Theory
01.401 Financial Accounting
01.402 Management Accounting
01.403 Concepts of Capital and Profit
01.404 History of Accounting Thought
01.405 Accounting Information Systems
01.406 Behavioural Aspects of Accounting
01.407 Budgetary Control
Faculty of Commerce, Prescriptions, Commercial Law, Computer Science

01.408 Special Topic
01.409 Special Topic
01.410 Evaluation of Accounting Information
01.411 Special Topic
01.412 Special Topic
01.413 Management Decision Making and Control in the Government Sector.
01.414 International Accounting
01.601 Thesis
01.603 Research Essay
02.400 Selected Legal Problems
02.401 Taxation
02.402 Forensic Accounting
02.403 Law of Marketing
02.404 Special Topic
02.405 Special Topic

Note: There is no guarantee that all these papers will be available to students during the current Calendar year. Students intending to read for MCom should consult the staff toward the end of the previous year about preliminary vacational reading.

COMMERCIAL LAW I

02.100 Introduction to Law
An introduction to the New Zealand legal system.

COMMERCIAL LAW II

02.200 Contract Law
The principles of the law of contract and of agency.
02.201 Finance Law
Legal methods of raising and securing finance, including chattel mortgages, agreements for hire purchase and sale of goods, suretyship, insurance, and negotiable instruments.

COMMERCIAL LAW III

02.300 Company Law and Partnership
The general principles of company law and partnership in New Zealand.
02.301 Taxation and Estate Planning
The general principles of the law and practice of land and income tax, property speculation tax, estate and gift duties and estate planning.
02.302 Industrial Law
Legal problems in industry, business and professional practice.
02.303 Special Contracts
The general principles of the law relating to the sale of goods, commercial letters of credit, partnerships, agency, suretyship, insurance (in its relation to business) bills of exchange, cheques and promissory notes.
02.304 Law of Marketing and Overseas Trade
The law relating to the marketing of goods inside New Zealand and for the export market.

DEPARTMENT OF COMPUTER SCIENCE

For Prescriptions see under BSc

1980 Calendar
DEPARTMENT OF ECONOMICS

ECONOMICS I

Note: Papers 13.100 and 13.101 are for students who wish to advance beyond Stage I in Economics. Mathematics up to University Entrance level will be assumed. All other students are advised to take Papers 13.103 and 13.104.

13.100 Microeconomics
The economic activity of individuals, households and business firms, covering markets and prices, demand, supply and distribution.

13.101 Macroeconomics
The economic activity of the complete national economy and its interrelationship with the rest of the world, covering the measurement and level of economic activity, money, banking and prices, government economic policy and international trade.

13.102 Statistical Methods
An introduction to statistical reasoning and its applications in business and economics. Probability, distributions, statistical estimation and decision-making.

13.103 Principles of Economics
Basic principles of the economic behaviour of individuals, households and business firms and of the complete national economy and its interrelationships with the rest of the world.

13.104 Applied Economics
The application of basic principles of economics to selected New Zealand policy issues including trade, unemployment, inflation, regional development, local authority reorganisation and finance, population and the environment.

ECONOMICS II

13.200 Microeconomics
The economic behaviour of individuals, firms and industries. The course consists of theory and of selected applications in about equal proportions.

13.201 Macroeconomics
A study of the determination and interaction of basic macroeconomic variables like output, employment, the money supply, and the price level.

13.203 Managerial Economics
Introduction to the techniques of Management Science, including linear and dynamic optimisation models and techniques for simulation. Economic and managerial applications.

13.204 Public Economics
The study of the public sector's expenditures and revenues and their impact on income distribution. Particular policy issues in New Zealand such as education, poverty and pollution will be studied.

13.205 Introduction to Econometrics
An introduction to model building and research methodology in economics. Selected empirical topics in both micro- and macroeconomics will be studied.

13.210 The Industrialisation of Britain to 1870
An introductory economic history of the first country to undergo industrialisation.

13.211 The International Economy since 1870
The development of the institutional framework of trade, international monetary arrangements and the principal trading nations.

13.212 Economics of Socialism
An introduction to the economic theory of socialism, together with case studies of planned socialist states in Europe and Asia.

13.213 Special Topic
To be prescribed by the Head of Department.

1980 Calendar
ECONOMICS III

Students intending to take any Economics III papers should see the Head of the Department before the end of the previous year for advice on combinations of papers and reading lists.

13.300 Theory of Value
The theory of value and distribution from both neo-classical and Marxist perspectives. Topics include sectoral models, factor markets and NZ case studies.

13.301 Macroeconomic Theory and Policy
Employment and output theory; money; models of growth and fluctuations.

13.302 Econometrics

13.303 Operations Research

13.304 International Trade

13.305 Financial Economics
Microeconomic theory extended to cover time, uncertainty, taxation, transaction costs, and such legal entities as companies.

13.306 Classical, Marxist & Modern Economic Ideas
An introduction to the history of economic ideas and to comparative economics.

13.307 Public Expenditure
Welfare economics, social policy and public sector pricing and investment decisions.

13.308 Special Topic
To be prescribed by the Head of Department.

13.309 Special Topic
To be prescribed by the Head of Department.

†13.310 Economic History of Australia and New Zealand

*13.312 China under Socialism
The path of Chinese development since 1949 is traced from a largely economic viewpoint. Topics covered are the origins of the 1949 Revolution, the Five Year Plans, the Great Leap Forward, The Cultural Revolution, Fiscal Policy, Monetary Policy, Planning, the People's Communes.

13.313 Special Topic
To be prescribed by the Head of Department.

ECONOMICS FOR MA, MCOM AND HONOURS

Note: Except by permission of the Head of the Department no candidate shall take the subject Economics unless he has passed either 13.300 or 13.301 for Economics III.

Candidates who propose to take paper 13.402 must consult the lecturer in charge regarding Mathematics papers to be taken in the Bachelor's degree course.

Students intending to take any of the Honours papers should see the Head of the Department before the end of the previous year for advice on combinations of papers and reading lists.

13.400 Growth and Fluctuations

13.401 Monetary Theory

13.402 Econometrics

13.403 Operations Research

13.404 Development and Planning

13.405 Public Economics

13.406 The History of Economic Thought

13.407 Comparative Economics: Primitive, Peasant, Industrial and Socialist Economies

13.408 Urban Economics

1980 Calendar
13.409 Mathematical Programming
13.410 Special Topic
To be prescribed by the Head of the Department.
13.411 Special Topic
To be prescribed by the Head of the Department.
13.412 Economic Forecasting
13.413 Special Topic
To be prescribed by the Head of Department.
13.601 Thesis
13.603 Research Essay

Note: There is no guarantee that all these papers will be available to students during the current Calendar year.

DEPARTMENT OF MANAGEMENT STUDIES

Management Studies emphasises the integration of the specialised functional disciplines which are common to both public and private enterprises. The systematic processes of management are policy-making, planning, organising, executing and controlling the overall activities so that performance meets or exceeds pre-set objectives.

MANAGEMENT STUDIES II

72.200 Organisational Studies
A behavioural and structural analysis of organisations, and the management of human resources in support of organisational aims.

72.201 Marketing Management
Factors affecting demand in various types of markets and methods of satisfying it through product planning, pricing, promotion, distribution and general organisation and strategy.

72.220 Transaction Processing
Methods of document processing, record-keeping, and control for computer and supporting clerical systems.

72.221 Programming Laboratory
Practice and experimentation in the use of a major business programming language.

MANAGEMENT STUDIES III

72.300 Policy Studies
Formation of strategy and policies to reconcile external demands and opportunities with internal capabilities of an enterprise.

72.301 Consumer Behaviour
A review of behavioural science concepts applicable to complex consumer behaviour. Application of these concepts in case material.

72.302 Operations Management
Planning, organisation and control of manufacturing and other processes for the production of goods and services.

72.303 Industrial Relations Theory
Development of industrial relations theory and of theories of collective bargaining. Managerial ideologies and their impact on industrial relations behaviour. Trade unionism and ideologies of the labour movement. The political activities of trade unions and employer organisations. Union democracy and oligarchy and the internal government of trade unions. The role of government in industrial relations and in wage and salary determination. Strikes and disputes. Industrial democracy and issues and experiments in employee participation and control. Multinational companies and industrial relations.

1980 Calendar
Faculty of Commerce, Prescriptions, Management Studies

72.304 Management Information Systems
The management information system applied to the decision-making processes of planning, organising and controlling.

72.305 Organisational Behaviour
Management and behavioural science research concepts and techniques blended and applied to communications, leadership and decision-making processes in organisations.

72.306 Marketing Research
Identification of information needs for marketing decisions, and development of appropriate data collection and reporting techniques.

72.307 Personnel Administration
Policies and procedures of personnel management. The role of the personnel manager. The recruitment, selection and allocation of labour. Job and organisational design and the personnel function. Manpower forecasting and manpower planning. Training, development and performance appraisal of staff. Incentive payment systems and the design and administration of wage and salary policies at the level of the firm.

72.308 Operation Research

72.309 Special Topic
To be prescribed by the Head of Department

72.310 Special Topic
To be prescribed by the Head of Department.

72.320 Systems Design
Translation of information requirements into systems and programme specifications.

*72.321 Systems Project
Systems analysis, design, and development techniques combined to solve a specific problem.

*72.322 Information Analysis
Determination of information needs and patterns of data flow.

†72.323 Systems Economics
Determination of technical, operational and economic feasibility of computer proposals.

Note: These papers will not be available in 1980 but students should know of the intention to introduce them in later years.

MANAGEMENT STUDIES FOR MCOM AND HONOURS

72.400 Case Studies in General Management
Practice in making balanced operational decisions affecting finance, marketing, R & D, production, and personnel, at the level in the organisation where these specialist activities come together under the authority of a general manager.

72.401 Advanced Marketing Problems
Identification of current trends in various markets and development of strategic marketing decisions affecting these markets.

72.402 Management of Change (in the Post-Industrial Society)
Innovation and development of new products and services, using forecasting and long range planning techniques, together with aspects of behavioural analysis and organisational development.

72.403 Industrial Relations: Theory and Practice
Examination of industrial relations practice in New Zealand in the context of theories of industrial relations behaviour.

72.404 Real Time Management Information Systems
Application of real time technology to managerial systems of planning, organising, and controlling.

72.405 Organisational Development
Study of the ways in which organisations can best adapt to the challenges of modern society, advances in technology, and continuing changes in their environment.

1980 Calendar
Entrepreneurial Behaviour and Small Business Management
Theories of entrepreneurial behaviour and their application to small business. The managerial process in the small firm.

Empirical Study in New Zealand Management
Investigation into a current problem facing the management of a local enterprise.

Operations Research

Mathematical Programming

Special Topic
To be prescribed by the Head of Department.

Special Topic
To be prescribed by the Head of Department.

Special Topic
To be prescribed by the Head of Department.

Special Topic
To be prescribed by the Head of Department.

Special Topic
To be prescribed by the Head of Department.

Special Topic
To be prescribed by the Head of Department.

Thesis

Research Essay

Note: There is no guarantee that all these papers will be available to students during the current calendar year.

DEPARTMENT OF MATHEMATICS
For Prescriptions see Index.

DEPARTMENT OF PSYCHOLOGY

PSYCHOLOGY II

Introduction to Social Behaviour
Motivation; personality; attitude; role; social interaction; leadership and power; group processes. Students enrolling in this paper are encouraged to also complete paper 32.108 in Psychology.

THE PROFESSIONAL EXAMINATIONS FOR MEMBERSHIP OF THE NEW ZEALAND SOCIETY OF ACCOUNTANTS

Exemptions
Exemptions are granted by the New Zealand Society of Accountants to students who have passed degree subjects as follows:
(a) Students who passed in the unit Accounting II prior to 1971 should consult the 1974 Calendar page 345. Other students who enrolled for the first time prior to 1975 should consult the 1976 Calendar page 297.
(b) Other students will be required to complete the BCom degree passing in the Accounting papers: 01.100, 01.101, 01.200, 01.201, or 01.204, 01.202, 01.203, 01.300, 01.301, 01.302 and the Commercial Law papers numbered: 02.100, 02.200, 02.201, 02.300 and 02.301.
Any of the above papers not passed for credit to the BCom must be passed for COP.
Students should note that exemptions from the New Zealand Society of Accountants' Professional Examinations can be authorised by the Society only; so those with any queries regarding the Society's requirements should write directly to the Assistant Secretary, New Zealand Society of Accountants, PO Box 11-342 Wellington.
Cost and Management Division

Students who graduate with a BCom having satisfied the above requirements of the New Zealand Society of Accountants will also gain exemption from the examinations of the Cost and Management Accounting Division if they pass the following, either for the degree or COP: 72.200 and one of 01.303, 13.203, or 72.201.

THE EXAMINATIONS FOR MEMBERSHIP OF THE INSTITUTE OF COST AND MANAGEMENT ACCOUNTANTS (UNITED KINGDOM)

BCom graduates who have followed a course covering the papers required by the New Zealand Society of Accountants and the Cost and Management Accounting Division for exemption from their examinations are exempt from foundation stage, sections A and B and professional stage, part I of the ICMA examinations (10 out of 18 papers).

All other BCom graduates are exempt from foundation stage, sections A and B of the ICMA examinations (6 out of 18 papers).

Candidates who consider that they may be eligible for exemption under the relevant regulations should write to the Institute of Cost and Management Accountants, 63 Portland Place, London WIN 4AB, United Kingdom, specifying the exemption claimed and enclosing relevant certificates.
DIPLOMA COURSE REGULATIONS
DIPLOMA IN BUSINESS AND INDUSTRIAL ADMINISTRATION
DipBIA

The personal Course of study of every candidate must be approved by the Senate. Approval will normally be granted for courses which are in accordance with the following regulations: for general provisions affecting their Courses of study students are referred to the Enrolment and Course Regulations (General), the Terms Regulations, and the Examination Regulations. Every intending new candidate must apply to the Registrar for permission to enrol in the Course not later than 31 January of the year in which he wishes to enrol.

An intending candidate who seeks admission on the basis of a professional qualification, the New Zealand Certificate in Engineering, or practical experience must apply for admission in accordance with the requirements of the Provisional and Special Admission Regulations.

General Provisions
1. Subject to the Admission Ad Eundem Statum Regulations, a candidate for the Diploma in Business and Industrial Administration shall before his enrolment for this Diploma (a) have been admitted or qualified for admission to a Bachelor's degree of the University of Auckland, and
(b) satisfy the Senate that he has had adequate responsible experience in business or industry provided that, if not so qualified, a person may with the leave of the Senate be a candidate for the Diploma in Business and Industrial Administration if before enrolment he —
(i) holds or has qualified for the award of a professional qualification in Accountancy, Engineering, Science or other approved discipline; or
(ii) holds or has qualified for the award of the New Zealand certificate in Engineering, or in Science, with outstanding merit; or
(iii) has had not less than five years responsible practical experience in business or industry; provided that the Senate may approve a shorter period of practical experience where the candidate has followed an approved course of study at a University for at least two years and passed the appropriate examinations.
2. A candidate shall be required to satisfy the Senate that his knowledge of Mathematics is adequate for the course.
3. A candidate for the Diploma in Business and Industrial Administration shall follow a course of study of not less than one year.

Course Content
4(a) The subjects for the Diploma shall be:
Management and Financial Accounting 70.100
Quantitative Management Techniques I 70.101
Management I 70.102.
Industrial Management 70.103.
Management II 70.104.
Case Studies I 70.105.
Case Studies II 70.106.
Managerial Economics 70.107 or Economics for Management 70.108.

Any two of the following:
† Business Forecasting 70.109 or Government and Business 70.110.
† Hospital Administration I 70.111.
† Hospital Administration II 70.112.
Industrial Psychology 70.113.
Marketing Management 70.114.
† Quantitative Management Techniques II 70.115.
Special Topic A 70.116.
Special Topic B 70.117.

Note: Not all of the optional subjects listed will be taught during the current Calendar year.
(b) Each candidate shall by 1 October in the year he presents the final subject for his Diploma or in special circumstances at a later date approved by the Senate, submit a dissertation (70.604) upon a topic approved by the Senate.

5(a) No candidate shall be credited for this Diploma with any subject which he has passed for another Degree or Diploma.
(b) A candidate who, in the opinion of the Senate, has passed for any other Degree or Diploma any paper or subject similar in content to any subject for this Diploma shall instead of that subject take such other subject for this Diploma as the Senate may require.

1980 Calendar
DIPLOMA COURSE PRESCRIPTIONS

DIPLOMA IN BUSINESS AND INDUSTRIAL ADMINISTRATION

There is during the current *Calendar* year a limitation on the number of candidates that may be enrolled for any subject of the course. The maximum number in any subject is 30.

The course is designed as a two-year part-time course, or for a limited number of candidates, as a one-year full-time course. Classes are held during the mornings from 8.00 am to 12.30 pm.

Part-time candidates normally attend twice weekly.

In general, for part-time candidates, the subjects of the first year comprise:

- Management and Financial Accounting 70.100
- Quantitative Management Techniques I 70.101
- Management I 70.102
- Industrial Management 70.103
- Case Studies I 70.105

The remaining subjects listed in Regulation 4 of the regulations for the course are available for the second year of the part-time course.

Further details, explanatory notes, and reading lists are contained in a handbook available free from the inquiry counter, Registry, 24 Princes Street, Auckland.

The prescriptions for the subjects named in the preceding Regulations are given below:

**70.100 Management and Financial Accounting**

**70.101 Quantitative Management Techniques I**
Introduction to statistical techniques, probability distributions, correlation, tests of significance. Applications to research, production, sales and service studies. Resume of O.R. techniques.

**70.102 Management I**
Management theory, organisation, planning, administration, human, legal, financial, productive, distributive and control aspects.

**70.103 Industrial Management**
Method study, work, measurement, work performance, plant and work place layout, PMTS, PERT, value analysis, ergonomics, work sampling. Analysis of systems, procedures; planning and control techniques.

**70.104 Management II**
Administrative, economic, financial and investment theories and techniques. Long range planning, short term objectives and controls. Motivation of people.

**70.105 Case Studies I**
A series of case studies centred on organisation, management, administration, work study, industrial relations, systems and procedures, costs, etc.

**70.106 Case Studies II**
A series of case studies based on analysis, diagnosis, decision making and control in situations covering most aspects of management and administration including total company strategy, finance, marketing, investment, use of computers, etc.

**70.107 Managerial Economics**
Analysis of consumer behaviour, theory of the firm, determination of price and output, forms of competition, competitive strategies, theory of advertising.

**70.108 Economics for Management**
A study of those aspects of macro, micro and international economics which will assist the practising manager to understand the economic environment of New Zealand and the nations with whom New Zealand has trade relationships.

**70.109 Business Forecasting**
A study of concepts and techniques related to economic forecasting, marketing research and sales forecasting. Business policy formulation and corporate planning procedures.

**70.110 Government and Business**
Faculty of Commerce, Prescriptions, DipBIA

70.111 Hospital Administration I
A descriptive study of the accepted body of knowledge relating to the administration of hospitals and similar organisations.

70.112 Hospital Administration II
A study of the specialised techniques, policies and concepts related to the administration of hospitals and similar organisations.

70.113 Industrial Psychology

70.114 Marketing Management
Introduction to marketing functions. The practice of marketing, distribution, market research, advertising, selling, pricing and product development.

70.115 Quantitative Management Techniques II

70.116 Special Topic A
An advanced course on a topic to be determined each year by the Course Organiser.

70.117 Special Topic B
A special project or course on a topic to be determined each year by the Course Organiser.

Note: Papers marked with a dagger (†) may not be taught during the current Calendar year.
Faculty of Law

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DEGREE COURSE REGULATIONS

THE DEGREE OF BACHELOR OF LAWS LLB

The personal Course of study of every candidate must be approved by the Senate. Approval will normally be granted for courses which are in accordance with the following regulations: for general provisions affecting their Courses of study students are referred to the Enrolment and Course Regulations (General), the Terms Regulations, and the Examination Regulations.

General Provisions
1. Subject to the Admission Ad Eundem Statum Regulations, a candidate for the Degree of Bachelor of Laws shall be required to
   (a) pursue a Course of study for a period of not less than four years;
   (b) pass an Intermediate Examination and three Law Examinations;
   (c) carry out work in the detailed application of law to the satisfaction of the Faculty of Law.

Examinations
2. Except as hereinafter provided a candidate shall be required to pass as a whole each Law Examination. The Senate shall take into consideration his performance in all subjects of the Examination.
   Provided that
   (a) A candidate who has failed to pass any Law Examination as a whole may at the discretion of the Senate be credited with a subject or subjects of that Examination and permitted in a subsequent year to present the subject or subjects not so credited together with a subject or subjects of the next succeeding Law Examination.
   (b) A candidate who has passed the Intermediate Examination may at the discretion of the Senate be permitted to sit either Part A only or Part B only of the First Law Examination, presenting the remaining part in a subsequent year together with a subject or subjects of the next succeeding Examination.
   (c) A candidate who is undertaking the Degree or any part of the Degree, upon a part-time basis, or in conjunction with any other degree shall be required to pass an Examination consisting of such work, less than the full Examination, as the Senate shall in its discretion determine and present the remaining part of the Examination in a subsequent year, together with a subject or subjects of the next succeeding Examination.

A candidate who sits either the First or Second Law Examination as provided under (b) and (c) above, shall not be required to take any subject from the succeeding Examination.

A candidate to whom any of the foregoing provisos applies shall be required to pass as a whole an Examination consisting of the subjects he is taking in any year, so that his performance in all subjects taken in that year shall be considered.

A candidate who has failed only one subject of a Law Examination may be required by the Senate to pass in the following February a special examination in that subject to be credited with a pass in the Examination as a whole.

Subjects
3. The subjects for the Degree of Bachelor of Laws shall be:

Intermediate Examination
   (a) Two papers in English at Stage I, II, or III prescribed for the Degree of Bachelor of Arts, or
   (b) Two papers in Philosophy at Stage I, II, or III prescribed for the Degree of Bachelor of Arts,
   (c) Two papers in Languages and Literature at Stage I, II, or III from one of the relevant subjects listed in the Schedule to the Regulations for the Degree of Bachelor of Arts.

Note: The subjects included in the BA Schedule are: Chinese, Indonesian, Russian, French, Italian, Scandinavian Studies, German, Japanese, Spanish, Greek, Latin, Hebrew, Maori, and

(b) Not less than
   (i) Four arts papers (at any stage or stages), or
   (ii) Twenty-four science credits, or
   (iii) An equivalent combination of one or two or three arts papers (at any stage or stages) with eighteen, twelve or six science credits respectively from subjects prescribed for the Degree of Bachelor of Arts or the Degree of Bachelor of Science, as the case may be provided that in respect of the arts papers and science credits, a candidate shall be required to comply with all relevant regulations for the Degrees of BA or BSc as the case may be (including regulations and
requirements relating to corequisites, prerequisites, restrictions, combinations of subjects and practical work).

First Law Examination

Part A
25.103 Legal System
25.102 Constitutional Law

Part B
25.101 Criminal Law
25.104 The Law of Torts
25.105 The Law of Contract

Second Law Examination

25.201 Land Law
25.202 Equity and the Law of Succession
25.203 Introduction to Commercial Law
or
25.204 Commercial Law
Together with selected subjects from
25.205 Administrative Law
25.206 Advanced Contract and Tort
25.207 Advanced Criminal Law
25.208 Company Law and Partnership
25.209 Copyright, Patents, Trademarks and Unfair Competition
25.210 Criminology
25.211 Family Law
25.212 Industrial Law
25.213 International Institutions
25.214 International Law
25.215 Introduction to Company Law and Partnership
25.216 Introduction to Family Law
25.218 Legal History
25.220 Local Government Law
25.221 Income Tax
*25.222 Roman Law
25.223 Women and the Law
25.224 Pacific Legal Studies
25.225 Law and Society
25.226 Legal Analysis
25.227 Legal Theory
Special Topics approved by the Dean of the Faculty of Law.
Candidates may not include both Introduction to Commercial Law 25.203 and Commercial Law 25.204 or Company Law and Partnership 25.208 and Introduction to Company Law and Partnership 25.215 or Family Law 25.211 and Introduction to Family Law 25.216 as part of the degree.

Note: The courses 25.225 Law and Society, 25.226 Legal Analysis and 25.227 Legal Theory comprise aspects of what was formerly taught as a single course under the title Jurisprudence.

Third Law Examination

Selected subjects from
25.301 Advanced Administrative Law
25.302 Advanced Commercial Law
25.303 Advanced Constitutional Law
25.304 Advanced Criminology
25.305 Advanced Family Law
25.306 Advanced Industrial Law
25.307 Advanced International Law
*25.308 Civil Procedure

1980 Calendar
25.309 Company Finance
25.310 Comparative Law
25.311 Conflict of Laws
25.312 Creditors Remedies
25.313 Environmental Law
25.314 Evidence
25.315 International Trade
25.316 Law Reform
25.317 Legal Philosophy
25.319 Planning Law
25.320 Restitution
25.321 Supervised Research
25.322 Vendor and Purchaser
25.323 Estate and Tax Planning
25.324 Air and Space Law
25.325 Maori Land Law

And any one or more optional subjects prescribed for the Second Law Examination.

Note: (i) Subjects indicated by an asterisk (*) will not be taught during the current Calendar year.
(ii) Subjects listed as optional subjects for the Second and Third Law Examinations will be taught only if sufficient staff are available and if enrolments are adequate to warrant the teaching of the subject.

Exemptions
4(a) A candidate who has been credited for the Degree of Bachelor of Arts or the Degree of Bachelor of Science with any of the units specified for the Intermediate Examination shall be credited with such unit or units for the purposes of this Degree.
(b) A candidate who is a graduate of any University in New Zealand shall be exempted from passing the Intermediate Examination, and his course of study may be pursued for a period of not less than three years.
(c) In granting admission ad eundem statum to a candidate from an overseas University in one or more units or subjects of the Degree the Senate may require that the candidate shall pass an Examination in the law and practice in New Zealand, covering such matters as may from time to time be prescribed by the Senate.

Notes: (1) The prescriptions for the Examination in the law and practice in New Zealand may be obtained on application to the Dean of the Faculty of Law.
(2) Every candidate desiring to be examined in the law and practice in New Zealand shall give to the Registrar notice in writing of his desire to be so examined and shall pay to the Registrar an examination fee of $10.
(3) Such examination shall be held at such time and place as may be fixed by the Vice-Chancellor.

Practical Courses
5. No candidate shall be admitted to this Degree unless the Registrar has received from the Dean of the Faculty of Law a certificate that the candidate has compiled with the requirements of Regulation 1(c):

Approval of Courses
6. The personal course of study of every candidate shall require the approval of the Senate provided that
(a) The Senate may delegate to the Faculty of Law the power to give such approval and may also delegate the discretionary powers conferred in Regulations 2 and 4 of these Regulations.
(b) The candidate may appeal to the Senate where approval of a personal course of study has been withheld by a decision of the Faculty acting under the delegation of any of the powers referred to in the previous proviso.

Course Requirements
7. Every candidate shall be required
(a) To undertake as part of his Third Law Examination a course of study comprising a sufficient number of advanced law courses. The Faculty of Law shall determine from time to time which subjects shall be advanced courses for the purpose of this requirement and how
many of such courses (not exceeding two-fifths of the Third Law Examination) shall be the minimum requirement.

(b) To undertake in both his Second and Third Law Examinations a course of study comprising sufficient law subjects to amount to a full-time course of about 14 hours of instruction per week. The Faculty of Law shall from time to time determine the composition of a full-time course for these purposes.

Note: The Handbook of a Faculty of Law will state the advanced subjects, the prerequisites if any, and the weight of each subject within a full-time course of study.

Courses in Other Faculties

8(a) In lieu of optional law subjects (totalling not more than one-fifth of the content of the Second and Third Law Examinations combined) a candidate may take such units or papers offered by other Faculties and related to his law studies as are approved by the Dean of the Faculty of Law. Provided that he shall before enrolling in such units or papers obtain the permission of the Head of the Department in which they are being taken and of the Dean of the Faculty of Law; but the Faculty of Law may in special cases apply this provision to a candidate who has previously taken units or papers in another Faculty which would have qualified under this Regulation if prior approval had been obtained.

(b) Subject to Regulation 10 of the Enrolment and Course Regulations (General) any unit or paper taken by a candidate under this Regulation may be credited only to the Degree of Bachelor of Laws.

Research Paper

9. A candidate for the degree of Bachelor of Laws may with the prior approval of the Dean of the Faculty of Law, elect to present a research paper in lieu of examination in a subject of the Third Law Examination; provided that the teacher in the subject shall certify that the research paper is related to that subject, and the candidate shall comply with the terms requirements in that subject.

BCom/LLB

10(a) A candidate shall be accredited with any subject named in the left hand column of the schedule to this paragraph of this Regulation if he has passed for the Degree of Bachelor of Commerce the paper or papers named opposite that subject in the right hand column of the schedule.

Schedule

| Introduction to Commercial Law 25.203 | Finance Law 02.201 |
| Company Law and Partnership 25.208 | Company Law and Partnership 02.300 |
| Industrial Law 25.212 | Industrial Law 02.302 |
| Revenue Law 25.221 or Income Tax 25.221 | Taxation and Estate Planning 02.301 |

(b) A candidate who has passed for the Degree of Bachelor of Commerce one or more of the papers named in the schedule to this paragraph of this Regulation (called 'approved commerce papers'), and who includes in his course of study for this Degree at least two advanced law courses under Regulation 7, shall be credited

(i) with one optional subject in the Second or Third Law Examination if he has passed one approved commerce paper;

(ii) with two optional subjects in those Examinations if he has passed two or more approved commerce papers;

provided that any approved commerce paper for which he is so given credit shall be counted as an approved paper taken in another Faculty for the purpose of Regulation 8 (but so that paragraph (b) of that Regulation shall not apply to it).

Financial Accounting 01.300 Auditing 01.301 Investment Analysis & Planning 01.303 Law of Marketing and Overseas Trade 02.304 Principles of Finance 13.305 Industrial Relations and Manpower Management 72.303

(c) Credits under this Regulation shall be additional to any permitted to a candidate under the Enrolment and Course Regulations (General).

(d) No candidate shall be entitled under this Regulation to credits for more than five law subjects.

11. The course of every candidate shall be governed by these Regulations.
Faculty of Law, Degree Regulations, LLB (Hons)

Commencement
12. These regulations shall apply to all students taking the Degree of Bachelor of Laws from 1 January 1973:
Provided that any candidate who commenced his law course before that date shall be entitled to the following credits:
(a) A pass in Legal System before 1973 shall be credited as both a pass in Legal System and a pass in Legal History.
(b) A pass in any of the subjects in subclause (ii) of Division III of the 1966 Degree Regulations (1972 Calendar, p. 441) shall be credited as a pass in Constitutional Law.
(c) Subject to the foregoing provisions passes in any of the subjects mentioned in Divisions I and II of the 1966 Degree Regulations shall be credited as passes in the corresponding subjects in the Regulations for this Degree.
(d) Passes in any of the subjects in Division III of the 1966 Degree Regulations shall (unless already credited under subclause (ii) above) be credited as equivalent to one-fifth of either the Second Law or Third Law Examination.
(e) A pass in Introduction to Commercial Law shall not be required where the candidate has before 1973 either passed Commercial Law and the Law of Personal Property under the 1966 Degree Regulations or passed or been credited with or exempted from not less than twelve subjects towards his LLB degree.
And provided further that where the course of any candidate is not specifically covered by the above provisions and in other cases where there is doubt concerning the course of any candidate such course shall be settled by the Dean of the Faculty of Law.
And provided also that any candidate who commenced his law course before 1967 shall be entitled to the benefit of any transitional provisions which may previously have applied to him.

THE DEGREE OF BACHELOR OF LAWS (HONOURS)

LLB (Hons)

The personal Course of study of every candidate must be approved by the Senate. Approval will normally be granted for courses which are in accordance with the following regulations: for general provisions affecting their Courses of study students are referred to the Enrolment and Course Regulations (General), the Terms Regulations, and the Examination Regulations.

General Provisions
1. Subject to the Admission Ad Eundem Statum Regulations a candidate for the Degree of Bachelor of Laws (Honours) shall be required to
(a)(i) pursue a course of study for a period of not less than four years and as prescribed in Regulation 2;
(ii) pass an Intermediate Examination and three Law Examinations;
(iii) carry out work in the detailed application of law to the satisfaction of the Faculty of Law as prescribed in the Regulations for the Degree of Bachelor of Laws, excepting Regulation 9 as to the substitution of a research paper in lieu of an examination in his Third Law Examination; and
(b) present the additional work specified in Regulation 3 and maintain a superior standard of work throughout the course as prescribed in Regulation 6.

Course Requirements
2. Every candidate shall be required
(a) To take at least one of the following subjects:
  25.310 Comparative Law
  25.316 Law Reform
  25.218 Legal History
  25.317 Legal Philosophy or any two of
(b) To undertake as part of his Third Law Examination a course of study comprising a sufficient number of advanced law courses. The Faculty of Law shall determine from time to time which subjects shall be advanced courses for the purposes of this requirement, and how many of such courses (not exceeding two-fifths of the Third Law Examinations) shall be the minimum requirement.
(c) To undertake in both his Second and Third Law Examinations, a course of study comprising sufficient law subjects to amount to a full-time course of about 14 hours of instruction per week. The Faculty of Law shall from time to time determine the composition of a full-time course for these purposes.

Note: The Handbook of the Faculty of Law will state the advanced subjects, the prerequisites if any, and the weight of each subject within a full-time course of study.

Additional Work
3. In addition to the foregoing requirements, every candidate shall during his course undertake the following work:
   (a) Two additional subjects from those listed in Regulation 4, carrying out to the satisfaction of the Faculty of Law such written or other work as may be prescribed by the Dean of the Faculty of Law in connection with those subjects.
   (b) The presentation, not later than twelve months after completing the Third Law Examination, of a dissertation embodying the results of research undertaken under the direct supervision of a University teacher in the Faculty of Law. Provided that the Senate may in its discretion extend the time for the presentation of the dissertation.

Note: An abstract is to be submitted with the dissertation. See Examination Regulation 14.

Subjects
4. The subjects provided for in Regulation 3 shall be:
   25.341 Admiralty Law
   25.342 Air and Space Law
   25.343 Aspects of Industrial Law
   25.344 Business Regulation
   25.345 Causes of Crime
   25.346 Civil Rights
   25.347 Commercial Letters of Credit
   25.348 Consumer Law
   25.349 Copyright and Patent Law
   25.350 Corporation Finance
   25.351 Economic Regulation
   25.352 Environmental Law
   25.353 Estate Planning
   25.354 Insurance (other than Marine Insurance) Law
   25.355 International Business and Finance, Law of
   25.356 Law and Social Problems
   25.357 Law of Banking
   25.358 Law of Landlord and Tenant
   25.359 Law Reform
   25.360 Law Relating to Computers
   25.361 Legal Accounting
   25.362 Legal Aspects of Race Relations
   25.363 Legal Education
   25.364 Legal History
   25.365 Legal Problems of the European Common Market
   25.366 Local Government Law
   25.367 Maori Land Law
   25.368 Marine Insurance Law
   25.369 Medico-Legal Problems
   25.370 Military Law
   25.371 Penology
   25.372 Problems in Choice of Law
   25.373 Problems in Contract and Tort
   25.374 Problems in Criminal Law
   25.375 Problems in Equity
   25.376 Problems in Legal Philosophy
   25.377 Professional Responsibility
   25.378 Registration of Title to Land
   25.379 Remedies against the Government
25.380 Securities Law
25.381 Selected topics in Comparative Law
25.382 Shipping Law
25.383 Social Control of Land
25.384 State and Local Taxation
25.385 The Law Relating to Damages
25.386 The Legal Process
25.387 Trial Practice
25.388 United Nations Law and Problems of World Order
25.389 Pacific Legal Studies
25.390 Women and the Law
25.391 Restitution
25.392 Advanced studies in a selected topic as prescribed by the Dean of the Faculty of Law
25.393 Advanced studies in a selected topic as prescribed by the Dean of the Faculty of Law
25.394 Advanced studies in a selected topic as prescribed by the Dean of the Faculty of Law
25.395 Advanced studies in a selected topic as prescribed by the Dean of the Faculty of Law
25.396 Advanced studies in a selected topic as prescribed by the Dean of the Faculty of Law
25.397 Advanced studies in a selected topic as prescribed by the Dean of the Faculty of Law
25.398 Advanced studies in a selected topic as prescribed by the Dean of the Faculty of Law

Note: The subjects listed as optional or seminar subjects will be taught only if sufficient staff are available and if enrolments are adequate to warrant the teaching of the subject.

5. Any candidate may with the prior approval of the Dean of the Faculty of Law elect to present a research paper in lieu of an examination in a subject of the Third Law Examination or a subject listed in Regulation 4. In cases approved by the Dean of the Faculty of Law, notwithstanding anything in Regulation 3, a candidate may present a dissertation in lieu of an examination in a subject of the Third Law Examination. Provided that in either case the teacher in the subject shall certify that the research paper or dissertation is related to that subject and the candidate shall comply with the requirements for obtaining terms in that subject.

Standards
6. The Degree of Bachelor of Laws (Honours) shall be awarded to candidates who have fulfilled the requirements of these Regulations and whose work throughout the course has been in the opinion of the Faculty of Law of a sufficiently high standard.

Transfer to LLB(Hons)
7. The Senate may, on written application by a candidate who has completed only the First Law Examination and, in special circumstances any other candidate, and without payment of a fee, grant him permission to transfer to a course under these Regulations and allow him to be credited with a pass in such subjects as he has passed in his course for the Degree of Bachelor of Laws.

Transfer to LLB
8. A candidate whose work does not in the opinion of the Faculty of Law satisfy the standard prescribed in Regulation 6, or who at any stage elects to withdraw from the Degree of Bachelor of Laws (Honours), shall be entitled to have credited to the Degree of Bachelor of Laws without payment of a fee those subjects (being subjects for the Degree of Bachelor of Laws) in which he has passed or in which he has been credited with a pass.

The course of every candidate shall be governed by these Regulations.

Commencement
10. These Regulations shall apply to all candidates taking the Degree of Bachelor of Laws (Honours) from January 1973, provided that any candidate who commenced his law course before that date or before 1967 shall be entitled to the credits prescribed in Regulation 12 of the Regulations for the Degree of Bachelor of Laws.

Note: Legal Practice: A student completing his First Law Examination is required to enrol for 25.406 Legal Practice I, his Second Law Examination 25.407 Legal Practice II and his Third Law Examination 25.408 Legal Practice III.

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LAW PROFESSIONAL EXAMINATIONS

A candidate seeking admission as a barrister and solicitor of the Supreme Court of New Zealand must, in accordance with the Professional Examinations in Law Regulations 1966:
(a) qualify for admission to the Degree of Bachelor of Laws or Bachelor of Laws (Honours); and
(b) pass, or be credited with a pass in the following additional subjects:

25.314 Evidence
25.401 Court Papers and Practice
25.402 Office and Court Room Practice
25.403 Commercial Papers and Practice
25.404 Land Conveyancing Papers and Practice; Office Administration
25.405 Wills and Trusts Practice.

Each of the subjects will be taught in the Faculty of Law.

In all of these subjects, other than Evidence, a candidate is credited with a pass if the Registrar receives a certificate from a teacher in the Faculty of Law that the candidate, having taken the course of study in the subject and done the work of the course to the satisfaction of the teacher, should be credited with a pass in the subject.

Alternatively the candidate must pass the examination in the subject.

A candidate who has been credited with the subject the Law of Evidence in his course for the Degree of Bachelor of Laws shall substitute for the paper in Evidence a paper in a law subject approved for the purpose by the Dean of the Faculty of Law at the University at which the candidate is enrolled. (Professional Examination in Law Regulations 1966, Regulation 1 (d).)

THE DEGREE OF MASTER OF LAWS

LLM

The personal Course of study of every candidate must be approved by the Senate. Approval will normally be granted for courses which are in accordance with the following Regulations: for general provisions affecting their Courses of study students are referred to the Enrolment and Course Regulations (General), the Terms Regulations, and the Examination Regulations.

General Provisions
1. Subject to the Admission Ad Eundem Statum Regulations, a candidate for the Degree of Master of Laws shall before his enrolment for this degree
(i) have attained an average grade of B- or higher in his Course of Study for the Degree of LLB, or
(ii) have had at least three years’ experience in legal practice after his admission as a barrister or solicitor, or
(iii) have otherwise shown to the satisfaction of the Faculty of Law his capacity to undertake advanced study and research in the subjects he proposes to take for this degree.

2. No person who has been admitted to the Degree of Master of Jurisprudence shall be admitted to the Degree of Master of Laws.

Course Content
3(a) Every candidate for the Degree of Master of Laws shall either
(i) in one year both keep terms at the Masters stage and pass the examinations in six papers in the subjects prescribed in Regulation 4 of these Regulations, or
(ii) keep terms at the Masters stage and pass the examinations in four papers in subjects so prescribed, in one year, and present a thesis (25.601) under the conditions prescribed in Regulation 5, or
(iii) both keep terms at the Masters stage and pass the examinations in four papers in subjects so prescribed in one year, and in four other papers in the following year.

(b) The choice of subjects to be taken by each candidate shall be subject to the approval of the Dean of the Faculty of Law.

4. The subjects of examination for the Degree are:

25.501, 25.502 Administrative Law
25.561, 25.562 Air and Space Law
25.503, 25.504 Commercial Law
Faculty of Law, Degree Regulations, LLM

25.505, 25.506 Comparative Law
25.507, 25.508 Constitutional Law
25.509, 15.510 Conflict of Laws
25.511, 25.512 Creditors Remedies
25.513, 25.514 Criminal Law
25.515, 25.516 Criminology
25.517, 25.518 Environmental Law
25.519, 25.520 Equity
25.521, 25.522 Family Law
25.523, 25.524 Industrial Law
25.525, 25.526 International Law
25.527, 25.528 Jurisprudence
25.529, 25.530 Land Law
25.531, 25.532 Law and Society
25.533, 25.534 Law of Banking and Exchange Control
25.535, 25.536 Law of Bodies Corporate and Unincorporate
25.537, 25.538 Law of Contract
25.539, 25.540 Law of Evidence
25.541, 25.542 Law of Taxation and Estate Planning
25.543, 25.544 Law of Torts
25.545, 25.546 Law Reform
25.547, 25.548 Local Government Law
25.549, 25.550 Pacific Legal Studies
25.551, 25.552 Planning Law
25.553, 25.554 Restitution
25.555, 25.556 Sales and Sales Financing
25.557, 25.558 Shipping Law
25.559, 25.560 Transport Law
25.563, 25.564 Special Topics to be prescribed by the Dean of the Faculty of Law
25.565, 25.566 Special Topics to be prescribed by the Dean of the Faculty of Law
25.567, 25.568 Special Topics to be prescribed by the Dean of the Faculty of Law
25.569, 25.570 Special Topics to be prescribed by the Dean of the Faculty of Law
25.571, 25.572 Special Topics to be prescribed by the Dean of the Faculty of Law
25.573, 25.574 Special Topics to be prescribed by the Dean of the Faculty of Law

Note: Subjects that may be offered in the current Calendar year will be by arrangement with the Dean. The prescriptions are stated in the Calendar.

Thesis
5. When a candidate elects to present a thesis (25.601) the following conditions shall apply:
(a) The thesis shall be of the value of four papers, and shall consist of an original contribution to the history, philosophy, exposition, or criticism of the law, prepared under the supervision of a University teacher, upon a subject approved by the Dean of the Faculty of Law.
(b) A candidate may present his thesis in the year in which he takes his examination or in a subsequent year.
(c) The candidate shall deliver his thesis to the Registrar by 1 November of the year in which it is presented or at a subsequent date arranged with his supervising teacher.
(d) At the discretion of the Dean of the Faculty of Law the candidate may be required to attend, within four weeks of the date on which the thesis was submitted, an oral examination on the subject of the thesis. For this purpose either two or three examiners shall be appointed by the Dean of the Faculty of Law.
(e) Where a candidate presents a thesis which is of insufficient standard on first presentation, the Senate may in exceptional circumstances, when recommended by the examiners, permit the candidate to rewrite the thesis and submit it again by a specified date.
(f) The thesis shall be presented within three years of the year in which the examination is first taken provided that this period may in special cases be extended by the Senate.

Note: An abstract is to be submitted with each copy of the thesis, see Examination Regulation 14.

Honours
6. (a) The Degree of Master of Laws may be awarded with or without Honours.
(b) A candidate who is required to re-sit a written examination or to re-submit the thesis shall not be eligible for an award with Honours.

7. These Regulations shall come into force on 1 January, 1969.

Note: Students proposing to enrol for a Masters degree are expected to discuss their enrolment with the Dean not later than the December preceding their enrolment.

THE DEGREE OF MASTER OF JURISPRUDENCE
MJur

The personal Course of study of every candidate must be approved by the Senate. Approval will normally be granted for courses which are in accordance with the following Regulations: for general provisions affecting their Courses of study students are referred to the Enrolment and Course Regulations (General), the Terms Regulations, and the Examination Regulations.

General Provisions
1. Subject to the Admission Ad Eundem Statum Regulations a candidate for the Degree of Master of Jurisprudence shall before his enrolment for this Degree have been admitted or qualified for admission to the Degree of Bachelor of Laws (Honours).
2. No person who has been admitted to the Degree of Master of Laws shall be admitted to the Degree of Master of Jurisprudence.

Course Content
3. (a) Every candidate for the Degree of Master of Jurisprudence shall either
   (i) in one year both keep terms at the Masters stage and pass the examinations in four papers in the subjects prescribed in Regulation 4 of these Regulations, or
   (ii) present a thesis (25.611) under the conditions prescribed in Regulation 5.
   (b) The choice of subjects to be taken by each candidate proceeding under Regulation 3 (a) (i)
      (i) shall be subject to the approval of the Dean of the Faculty of Law, and
      (ii) shall not include any subject with which the candidate has been credited for the Degree Master of Commerce.

4. The subjects of examination for the Degree are:
   25.501, 25.502 Administrative Law
   25.503, 25.504 Air and Space Law
   25.505, 25.506 Commercial Law
   25.507, 25.508 Comparative Law
   25.509, 25.510 Constitutional Law
   25.511, 25.512 Creditors Remedies
   25.513, 25.514 Criminal Law
   25.515, 25.516 Criminology
   25.517, 25.518 Environmental Law
   25.519, 25.520 Equity
   25.521, 25.522 Family Law
   25.523, 25.524 Industrial Law
   25.525, 25.526 International Law
   25.527, 25.528 Jurisprudence
   25.529, 25.530 Land Law
   25.531, 25.532 Law and Society
   25.533, 25.534 Law of Banking and Exchange Control
   25.535, 25.536 Law of Bodies Corporate and Unincorporate
   25.537, 25.538 Law of Contract
   25.539, 25.540 Law of Evidence
   25.541, 25.542 Law of Taxation and Estate Planning
   25.543, 25.544 Law of Torts
   25.545, 25.546 Law Reform
   25.547, 25.548 Local Government Law
   25.549, 25.550 Pacific Legal Studies
   25.551, 25.552 Planning Law
   25.553, 25.554 Restitution

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25.555, 25.556 Sales and Sales Financing
25.557, 25.558 Shipping Law
25.559, 25.560 Transport Law
25.563, 25.564 Special Topics to be prescribed by the Dean of the Faculty of Law
25.565, 25.566 Special Topics to be prescribed by the Dean of the Faculty of Law
25.567, 25.568 Special Topics to be prescribed by the Dean of the Faculty of Law
25.569, 25.570 Special Topics to be prescribed by the Dean of the Faculty of Law
25.571, 25.572 Special Topics to be prescribed by the Dean of the Faculty of Law
25.573, 25.574 Special Topics to be prescribed by the Dean of the Faculty of Law

Note: Subjects that may be offered in the current Calendar year will be by arrangement with the Dean. The prescriptions are stated elsewhere in the Calendar.

Thesis
5. When a candidate elects to present a thesis (25.611) the following conditions shall apply:
   (a) The thesis shall consist of an original contribution to the history, philosophy, exposition or criticism of the law, prepared under the supervision of a University teacher, upon a subject approved by the Dean of the Faculty of Law.
   (b) The candidate shall deliver his thesis to the Registrar by 1 November of the year in which it is presented, or at a subsequent date arranged with his supervising teacher.
   (c) At the discretion of the Dean of the Faculty of Law the candidate may be required, within four weeks of the date on which the thesis was submitted, to attend an oral examination on the subject of the thesis. For this purpose either two or three examiners shall be appointed by the Dean of the Faculty of Law.
   (d) Where a candidate presents a thesis which is of insufficient standard on first presentation, the Senate may in exceptional circumstances when recommended by the examiners, permit the candidate to rewrite the thesis and submit it again by a specified date.
   (e) The thesis shall be presented not later than three years after the candidate's enrolment for the Degree, provided that this period may in special cases be extended by the Senate.

Note: An abstract is to be submitted with each copy of the thesis, see Examination Regulation 14.

Distinction
6 (a) The Degree of Master of Jurisprudence may be awarded with or without Distinction.
   (b) A candidate who is required to re-sit a written examination or to re-submit the thesis shall not be eligible for an award with Distinction.
7. These Regulations shall come into force on 1 January, 1969.

Note: Students proposing to enrol for a Masters degree are expected to discuss their enrolment with the Dean not later than the December preceding their enrolment.

THE DEGREE OF DOCTOR OF LAWS LLD

General Provisions
1. Except as provided in the Admission Ad Eundem Statum Regulations, a candidate for the Degree of Doctor of Laws shall be a graduate of the University of Auckland, or of the University of New Zealand.
2. No candidate shall present himself for the Degree of Doctor of Laws until at least eight years after graduation to his first degree.
3. The Degree of Doctor of Laws shall be awarded for an original contribution (or contributions) of special excellence to the history, philosophy, exposition or criticism of law.
4. The Degree shall be awarded on work, whether sole or conjoint, published in book form or in scholarly journals in general circulation, provided that in addition to such published work the candidate may submit unpublished work in support of his application.
5. No work shall be considered for the Degree if the work or a major portion thereof, has previously formed the basis of an award of any Degree or Diploma in this or any other University.
6. A candidate shall make application in writing to be examined, and such application, accompanied by the fees prescribed in the Fees Regulations, shall be lodged with the Registrar together with:
(a) three copies of the work to be examined;
(b) a statutory declaration which shall
(i) state the extent to which the work is the candidate’s own, and (in the case of a conjoint
work) identify as clearly as possible which parts are the candidate’s own; and
(ii) state what portion (if any) of work submitted has been previously presented for a Degree or
Diploma of the University of Auckland or any other University; and
(iii) declare that the work in substantially its present form has not been previously accepted for
the award of a Degree or Diploma in this or any other University and is not being concurrently
submitted for a Degree or Diploma in any other University.

Examination Procedure
7. As soon as possible after the application has been lodged, the Senate shall appoint a
Moderator who shall
(a) consider the work and submit, through the Registrar, a preliminary report, which shall
indicate whether, in his opinion, the examination should proceed or whether the candidate
should be advised to withdraw his application; and
(b) state the names of not fewer than two persons recommended as suitable examiners in the
field covered by the work submitted provided that the Senate in appointing examiners under
Regulation 9 of these Regulations shall not be restricted to the persons so named.
8. If the Moderator recommends that the candidate should be advised to withdraw his appli-
cation, the candidate shall be notified of the recommendation by the Registrar and in such case
the candidate may
(a) withdraw his application, whereupon he shall be entitled to a refund of one half of the fees'
paid under the provisions of Regulation 5 of these Regulations; or
(b) elect to proceed with the examination.
9. (a) If the examination is to proceed the Senate shall appoint two independent External
Examiners of whom at least one shall be resident outside New Zealand, provided that the
Senate may in its discretion appoint an additional Examiner who may be a member of the
teaching staff of the University of Auckland.
(b) The contents of the Moderator’s report shall not be communicated to the Examiners.
10. The duties of each Examiner shall be:
(a) to report independently on the quality of the work and its value as a significant contribution
to learning; and
(b) to recommend whether or not the Degree should be awarded, provided that where the
recommendation is that the Degree should not be awarded the Examiner may recommend that
the candidate be permitted to re-submit the work together with further published work at a
later date. A resubmission shall be accompanied by a further full examination fee.
11. All reports and other communications shall be sent to the Registrar who shall refer them to
the Moderator.
12. The Moderator shall place the reports of the Examiners before the Senate which shall
determine whether or not the Degree shall be awarded.
13. Notwithstanding anything in Regulation 12 of these Regulations the Moderator shall,
where only two Examiners have been appointed and their recommendations are conflicting,
submit to the Senate the name of a further person qualified to act as an Examiner and in such
case the Senate shall appoint the person so named or some other suitable person to be an
additional Examiner to furnish an independent report in accordance with the provisions of
Regulation 10 of these Regulations, which shall be considered by the Senate together with the
other reports.
DEGREE COURSE PRESCRIPTIONS
PRESCRIPTIONS FOR LLB AND FOR LLB (Hons)

First Law Examination

Part A

25.103 The Legal System
An introduction to the New Zealand legal system. Legal reasoning and the judicial process, including selected problems in statutory interpretation. Selected legal institutions in New Zealand and in England. The sources of law. Selected legal concepts.

25.102 Constitutional Law

Part B

25.101 Criminal Law
The general principles of criminal liability. Selected indictable and summary offences chargeable under New Zealand Law. An introduction to the procedure upon indictment and to summary procedure (excluding the law of evidence).

25.104 The Law of Torts
General principles of civil liability. The law as to the various kinds of torts. The law relating to compensation for personal injury by accident in New Zealand.

25.105 The Law of Contract
The general principles of the law relating to agreements. Selected topics in the law of contract. An introduction to the law of agency.

25.406 Legal Practice I

Second Law Examination

Compulsory

25.201 Land Law
The principles of land law including the doctrines of tenures and estates, registration of title to land, the elements of law of landlord and tenant, the law relating to incorporeal hereditaments and security interests in land.

25.202 Equity and the Law of Succession
The general principles of equity and the law of trusts. An introduction to the law of wills and succession and the administration of estates.

25.203 Introduction to Commercial Law
Elements of the law governing sale and transfer of goods, hire purchase and chattels securities.

25.204 Commercial Law
The principles of the law relating to the sale and transfer of goods including bailment and hire purchase, negotiable instruments, and securities over and charges upon personal property including relevant aspects of bankruptcy, suretyship and arbitration.

Optional

25.205 Administrative Law
The general principles of administrative law. Subordinate legislation. Discretionary powers of Ministers, officials and local bodies. Administrative tribunals and their functions. Controls over the exercise of legislative, judicial and other powers.

25.206 Advanced Contract and Tort
Selected advanced problems in the law of contract and tort. Actions which may be brought either in contract or tort. Quasi-contractual remedies.

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25.207 Advanced Criminal Law
Selected advanced problems in criminal law and criminal procedure.

25.208 Company Law and Partnership
An introduction to the principles of company law and the law of partnership. Rights and liabilities of those who form, operate and deal with companies, and partnerships.

25.209 Copyright Patents Trademarks and Unfair Competition
Studies in the content and impact of copyright, patents, trademarks, and unfair competition in New Zealand and elsewhere.

25.210 Criminology
An introduction to the theory of criminology. Selected studies in crime and its causes, law enforcement, the administration of criminal justice, and the nature and purpose of the penal system.

25.211 Family Law
The law and procedure relating to marriage, divorce and other matrimonial causes. The legal relationship of husband and wife and of parent and child. Matrimonial property. Maintenance and other domestic proceedings. Adoption, guardianship, and paternity proceedings.

25.212 Industrial Law
Selected studies in the relationship of employer and employee, with reference to industrial accidents, the organising of employees into trade unions, the negotiation and settlement of labour disputes, and the New Zealand system of industrial awards and wage fixing and restraint.

25.213 International Institutions
The principles of international law as they relate to the structure and functioning of international institutions. The role of international institutions in the settlement of international disputes particularly the role of the international court of justice. Selected projects relating to specific international institutions.

25.214 International Law
An introduction to the law of nations. Selected topics in the adjudication and settlement of international disputes, the law of war, peace and neutrality, and the law of international institutions.

25.215 Introduction to Company Law and Partnership
An introduction to the basic concepts and principles of company law and the law of partnership.

25.216 Introduction to Family Law
Elements of family law.

25.218 Legal History
An introduction to the history of present-day legal rules and institutions. Selected topics in English and New Zealand legal history.

25.220 Local Government Law
An introduction to the law governing the structure, powers and territorial definition of local government units. Selected studies in the legal problems of local government and its relationship with central government.

25.221 Income Tax
The principles of the law relating to income tax.

25.222 Roman Law
Outline of Roman private law according to Justinian and Gaius. Sources and historical development of Roman Law. The law of actions; the law of property; obligations; family and succession. Translation of substantial portions of the Latin text shall not be required.

25.223 Women and the Law
A study of the law as it defines women’s role in society with particular emphasis on the use of the law to eliminate discrimination.

25.224 Pacific Legal Studies
Selected aspects of customary, private, public and international law of Pacific States and 1980 Calendar
territories with particular regard to Fiji, Western Samoa, the Cook Islands, Niue, and Tokelau Islands, New Zealand and Papua New Guinea.

25.225 Law and Society
What is the impact of social forces on the legal system? How do the rules and orders of the legal system affect social behaviour? This course attempts to answer these questions by examining the legal system through the eyes of social science research. Particular reference will be made to the New Zealand legal system and to avenues towards an improved legal culture.

Note: No prior training in the social sciences is prerequisite.

25.226 Legal Analysis
Analysis of the logical structure of legal rules and of the nature of fundamental logical concepts of the law such as duty, right, liberty and power; analysis of a selection of important substantive concepts of the law such as status, office, contract, trust, punishment, ownership, corporation; some discussion of the place of rules, principles and values in legal reasoning.

25.227 Legal Theory
Theories about the nature of law and the nature of legal reasoning; theories about the relationship of law to social attitudes and behaviour; the interaction of law and values.

Note: The courses 25.225 Law and Society, 25.226 Legal Analysis and 25.227 Legal Theory comprise aspects of what was formerly taught as a single course under the title Jurisprudence.


25.407 Legal Practice II
Note: Some of these courses will be taught for the full year and others will not. Students should refer to the current Law School Handbook to find out the size of courses they propose to take in any particular year, since this may vary from time to time.

Third Law Examination
Optional

25.301 Advanced Administrative Law
Advanced problems in selected areas of Administrative Law.

25.302 Advanced Commercial Law
Advanced Studies in selected areas of Commercial law.

25.303 Advanced Constitutional Law
Advanced problems in selected areas of Constitutional Law.

25.304 Advanced Criminology
Advanced problems in the causes of crime, the administration of criminal justice, and the punishment and treatment of the offender. Selected studies in criminological methods and research.

25.305 Advanced Family Law
Advanced problems in selected areas of Family Law.

25.306 Advanced Industrial Law
Advanced studies in selected areas of Industrial Law.

25.307 Advanced International Law
Advanced studies in selected areas of the law of nations.

25.324 Air and Space Law
The principles of international and municipal law regulating airspace and outer space, aircraft, spacecraft, persons on board such craft and the rights and obligations of operators and users of aircraft and spacecraft, taking into consideration the economic and technical problems involved and aspects of national and international policies.

25.308 Civil Procedure
Advanced studies in procedure in civil actions and other proceedings, with reference to the evolution of the present form of civil action, pleadings, discovery and other pre-trial devices; joinder of parties; jurisdiction (including equitable jurisdiction), appellate procedure.

25.309 Company Finance
Problems of company finance, including the raising of capital and loans, rights to dividend and
distribution of assets, amendment of corporate instruments, re-organisation, holding and subsidiary companies.

**25.310 Comparative Law**
A study of selected systems of law with particular reference to the development of civil law on the Continent of Europe.

**25.311 Conflict of Laws**
Selected studies in the law governing transactions with elements outside New Zealand courts, fundamental concepts of conflict of laws, and the validity and enforcement of foreign judgments.

**25.312 Creditors Remedies**
Legal problems arising where a debtor is in financial difficulties. Selected studies in the rights of unsecured creditors in bankruptcy and company liquidation; other methods of enforcing judgments.

**25.313 Environmental Law**
An analysis and criticism of the existing legal framework relating to the use and protection of the physical environment (Courts, agencies and Parliament as institutions for dealing with environmental problems. A study of specific environmental problems such as air and water pollution, agricultural chemicals, marine pollution). International aspects of environmental problems.

**25.314 Evidence**
The general principles of the law of evidence in civil and criminal cases. A critical evaluation of forensic law in New Zealand, including a comparison with systems of trial in other countries.

**25.315 International Trade**
Advanced problems in international commercial law. Selected studies in commercial law, administrative law and international law problems arising from the transfer of goods from one country to another, with consideration of public controls such as tariffs and import licensing.

**25.316 Law Reform**
A study of the institutions responsible for law reform and the methods by which reform is achieved. A selection of legal rules and institutions which have been, or may be, the subject of reform.

**25.317 Legal Philosophy**
Advanced studies in the philosophy of law and legal sociology.

**25.318 Planning Law**
An introduction to the law relating to town and country planning. Selected studies in urban and rural planning problems, and processes and decisions of planning authorities, and the function of courts in planning matters.

**25.320 Restitution**
Selected problems focusing on situations and available remedies where benefits have been wrongfully or unfairly acquired. Particular consideration will be given to the contract-breaking plaintiff who has rendered services, contracts procured by duress, the murdering beneficiary, benefits acquired from illegal transactions, profits made from improperly acquired information, and good faith acquisition and dealing with property to which defendant is not entitled and with trust property.

**25.321 Supervised Research**

**25.322 Vendor and Purchaser**
Advanced problems in the sale of land. Selected case studies examining the legal and taxation consequences of the agreement for sale and purchase and the conveyance of land, and the function and responsibility of the lawyer acting in such transactions.

**25.323 Estate and Tax Planning**
The principles of the law relating to estate and gift duties, estate planning and tax planning.

**25.325 Maori Land Law**
Legal problems of Maori land holding
Occupation and use
Special Topics to be prescribed by the Dean of the Faculty of Law.
Any one or more optional courses prescribed for the Second Law Examination.

25.408 Legal Practice III
Note: Students should consult the current Law School Handbook to find out the size of these courses, and any prerequisites for taking them, since these may vary from time to time.

PRESCRIPTIONS FOR LLB (Hons)
For the Subjects Listed in Regulation 4

25.341 Admiralty Law
Admiralty jurisdiction, extent of territorial waters, sources of maritime law, nature of maritime liens, bills of lading and charter parties, aspects of conflict of laws in admiralty, rules established by international law in admiralty cases.

25.342 Air and Space Law
Same prescription as for 25.324 (LLB).

25.343 Aspects of Industrial Law
Analysis of selected problems in industrial law and industrial relations.

25.344 Business Regulation
Government regulation of business, analysis of scope of control, its purposes and dangers, the common law and statutory regulation of trade and industry, restraint of trade and monopoly restrictive trade practices.

25.345 Causes of Crime
The significance of primary and secondary criminogenic factors.

25.346 Civil Rights
A comparative study of recognised human rights and existing legal safeguards. Aspects include protection of minority rights, speech and assembly, police practices; race relations.

25.347 Commercial Letters of Credit
The law and practice relating to commercial letters of credit.

25.348 Consumer Law
A study of legislative and judicial attempts to protect the consumer.

25.349 Copyright and Patent Law
Common law, statutory and international rules governing copyright and patents.

25.350 Corporation Finance
Problems of corporate finance, including the rules governing raising capital and loans, rights to dividend and distribution of assets, amendment of corporate instruments, re-organisation, holding and subsidiary companies.

25.351 Economic Regulation
Legal problems encountered in regulating economic behaviour and alternative techniques for resolving them; anti trust and labour problems.

25.352 Environmental Law
An analysis and criticism of the existing legal framework relating to the use and protection of the physical environment. Courts, agencies and parliament as institutions for dealing with environmental problems. A study of specific environmental problems such as air and water pollution, chemicals, marine pollution. International aspects of environmental problems.

25.353 Estate Planning
An analysis of the factors which deserve consideration in planning for the future management and disposition of income and capital.

25.354 Insurance (other than Marine Insurance) Law
The law governing insurance other than marine insurance.

25.355 Law of International Business and Finance
A study of problems of commercial law, administrative law and international law arising from
international trade, business and finance, including New Zealand's relationship with the European Economic Community.

25.356 Law and Social Problems
Selected aspects of the interrelation between legal evolution and social change, interaction of legislation and social change, the role of law in the modern state.

25.357 Law of Banking
The law relating to banking, with particular reference to the relationship of banker and customer and the banker's duty to third parties.

25.358 Law of Landlord and Tenant
The law of landlord and tenant, including statutory tenancies and fair rents legislation.

25.359 Law Reform
Methods of Law Reform with particular reference to New Zealand.
Note: Students may be required to prepare research papers for Law Reform Committees.

25.360 Law Relating to Computers
An introduction to selected topics related to computers, including a brief introduction to elementary programme preparation, computerisation of statute and case law, protection of software, labour relations affected by computers and databank privacy.

25.361 Legal Accounting
A critical examination of generally accepted accounting principles, an introduction to corporate financial problems, accounting problems of a law office.

25.362 Legal Aspects of Race Relations
Investigation of legal efforts to combat discrimination, and an inquiry into the validity of law in this field.

25.363 Legal Education
The objectives, methods and development of legal education and the functions and obligations of the law teacher.

25.364 Legal History
The effect on law of social, economic and constitutional change, with particular reference to England and New Zealand.

25.365 Legal Problems of the European Common Market
The objectives, structures and functions and relationships of the European Economic Community and other European regional arrangements.

25.366 Local Government Law
The law developed and applied in local government, construction and operation of statutory powers of local and public authorities, bylaws, financing, contractual and tortious liability.

25.367 Maori Land Law
Legal problems of Maori land holding. Occupation and use.

25.368 Marine Insurance Law
The law governing marine insurance.

25.369 Medico-Legal Problems
A study of the relationship between law and medicine, preparation and presentation of medical proof in litigation, expert medical testimony.

25.370 Military Law
Aspects of military law, the relation of civil to military jurisdiction, court martial procedure.

25.371 Penology
An analysis of theory and practice in regard to the punishment and treatment of the offender.

25.372 Problems in Choice of Law
The application of choice of law methods to specific situations, the feasibility of developing choice of law rules and principles consistent with predictability and uniformity.

25.373 Problems in Contract and Tort
Analysis of selected problems arising in the law of contract and the law of tort.
25.374 Problems in Criminal Law
Analysis of selected problems in criminal law.

25.375 Problems in Equity
Problems relating to the equitable jurisdiction of the courts, with particular reference to the law of trusts.

25.376 Problems in Legal Philosophy
Selected jurisprudential problems of definition of law; the concept of justice, relation of law and morality, the function of legal analysis.

25.377 Professional Responsibility
The role of the legal profession in modern society, the obligations of a barrister and solicitor, conflict of interest, defending the unpopular client or cause.

25.378 Registration of Title to Land
Legal problems of the Torrens system of title registration.

25.379 Remedies Against the Government
Liability of the Crown in tort and contract, procedure for enforcing rights against the Crown.

25.380 Securities Law
The law governing securities over personal and industrial property.

25.381 Selected Topics in Comparative Law
Analysis of selected topics from foreign law systems, including civil and Soviet law.

25.382 Shipping Law
Legal principles governing ownership of ships, limitation of liability of shippers, charter-parties and affreightment, collision, salvage, towage, carriage of goods by sea.

25.383 Social Control of Land
The purpose and effect of legislation controlling the use of land, housing improvement schemes, town and country planning, government and local body powers.

25.384 State and Local Taxation
Analysis of property, sales, personal and corporate income taxes, tax policy and administration, local body taxation.

25.385 The Law Relating to Damages
The principles governing damages in contract and in tort.

25.386 The Legal Process
The function of the courts, counsel, legislature, administrative agencies and officials in decision making.

25.387 Trial Practice
Advocacy, procedural and substantive law in trial proceedings, pre-trial preparation, proof.

25.388 United Nations Law and Problems of World Order
The basic constitutional problems of the United Nations, regulation of the use of force, definition of aggression, punishment of crimes against the peace, disarmament, control of atomic energy, regulation of the use of outer space, an international police force.

25.389 Pacific Legal Studies
Selected aspects of customary, private, public and international law of Pacific states and territories with particular regard to Fiji, Western Samoa, the Cook Islands, Niue, Tokelau Islands, New Zealand and Papua New Guinea.

25.390 Women and the Law
A study of the law as it defines women's role in society with particular emphasis on the use of the law to eliminate discrimination.

25.391 Restitution
Same prescription as for 25.320 (LLB).
PRESCRIPTIONS FOR ADDITIONAL SUBJECTS FOR CANDIDATES SEEKING ADMISSION AS BARRISTERS AND SOLICITORS OF THE SUPREME COURT OF NEW ZEALAND

25.314 Evidence
(One paper)
The principles of the law of evidence in civil and criminal cases.

25.401 Court Papers and Practice
(One paper)

25.402 Office and Courtroom Practice
(One paper)
Elementary bookkeeping and trust account procedures. The Solicitors Audit Regulations. Office Systems. Office Management. Preparation and presentation of cases before tribunals; the basic techniques of counsel when appearing in Court. A practitioner's ethical duties towards the Court, other practitioners and his clients and other members of the public.

25.403 Commercial Papers and Practice
(One paper)
Selected exercises in commercial legal practice, including the formation of companies and partnerships, the preparation of securities over chattels, floating charges and legal documents connected with the distribution of goods. An introduction to the law of chattels securities. Tax implications. Submissions to arbitration.

25.404 Land Conveyancing Papers and Practice
(One paper)
Selected exercises in the preparation of contracts and conveyances for the sale, mortgage and leasing of land, and the creation of other interests in land. Tax implications.

25.405 Wills and Trusts Practice
(One paper)
Selected exercises in the drawing of wills and family trusts. An introduction to estate planning, and to the law of death duties and income tax as it bears on estate planning problems.

PRESCRIPTIONS FOR LLM AND MJur

25.501, 25.502 Administrative Law
The general principles of administrative law with special reference to New Zealand.

25.561, 25.562 Air and Space Law
Advanced Studies in the principles of international and municipal law regulating airspace and outer space, aircraft, spacecraft, persons on board such craft and the rights and obligations of operators and users of aircraft and spacecraft, taking into consideration the economic and technical problems involved and aspects of national and international policies.

25.503, 25.504 Commercial Law
Advanced studies in the law relating to the distribution and financing of goods and services, including security devices and the rights of creditors and third persons.

25.505, 25.506 Comparative Law
Advanced studies of selected systems of law.

25.507, 25.508 Constitutional Law
Advanced studies in constitutional and local body law.

25.509, 25.510 Conflict of Laws
The nature of private international law. Fundamental conceptions; classification; renvoi; domicile; public policy. The principles of private international law relating to: (a) persons; (b) contracts; (c) torts; (d) property; (e) procedure and evidence.
25.511, 25.512 Creditors Remedies
Legal problems arising where a debtor is in financial difficulties. Advanced Studies in the rights of unsecured creditors in bankruptcy and company liquidation; other methods of enforcing judgements.

25.513, 25.514 Criminal Law
The history and principles of criminal law, comprising selected topics on substantive and adjective criminal law, evidence in criminal cases, the aetiology of crime and the purposes and methods of punishment.

25.515, 25.516 Criminology

25.517, 25.518 Environmental Law
An examination of the law relating to pollution and other environmental problems with an emphasis on comparative studies. An exploration of various institutional arrangements for managing the environment. The concept of environmental impact reporting.

25.519, 25.520 Equity
The history and principles of equity.

25.521, 25.522 Family Law
Advanced studies in the law relating to husband and wife, parent and child and family relationships generally.

25.523, 25.524 Industrial Law
Selected and comparative studies in Industrial Law.

25.525, 25.526 International Law
The principles of the law of nations in peace and war including the status and relations inter se of the members of the Commonwealth of Nations and the Republic of Ireland and questions of nationality.

25.527, 25.528 Jurisprudence
Theories concerning the origin and development of law. The history of legal theory. Modern schools of thought concerning the nature and purpose of law. Sources of law. Analysis of legal conceptions.

25.529, 25.530 Land Law
The history and principles of land law.

25.531, 25.532 Law and Society
Advanced studies in the interrelation between legal evolution and social change, interaction of legislation and social change, and the role of law in the modern state.

25.533, 25.534 Law of Banking and Exchange Control
The law and practice relating to banking and exchange control regulations, with special reference to New Zealand.

25.535, 25.536 The Law of Bodies Corporate and Unincorporate
The principles of the law as to corporations and unincorporated bodies with special reference to registered companies.

25.537, 25.538 The Law of Contract
The history and principles of the law of contract, including the law as to the sale of goods, negotiable instruments, and all other special classes of contracts.

25.539, 25.540 The Law of Evidence
The principles of the law of evidence in civil and criminal cases.

25.541, 25.542 Law of Taxation and Estate Planning
Advanced studies in the law relating to taxation and gift, death and conveyance duties. Advanced studies in the principles and practice of estate planning.
Faculty of Law, Prescriptions, LLM & MJur

25.543, 25.544 The Law of Torts
The history and principles of civil liability with special reference to the law of torts.

25.545, 25.546 Law Reform
A study of the institutions responsible for law reform and the methods by which reform is achieved. A selection of legal rules and institutions which have been, or may be, the subject of reform.

25.547, 25.548 Local Government Law
Selected studies of the history, structure, powers and practice of local government units and related aspects.

25.549, 25.550 Pacific Legal Studies
Selected aspects of customary, private, public and international law of Pacific states and territories with particular regard to Fiji, Western Samoa, the Cook Islands, Niue, Tokelau Islands, New Zealand and Papua New Guinea.

25.551, 25.552 Planning Law
Selected studies of land use regulation law, planning structure, practice, and theory.

25.553, 25.554 Restitution
Advanced problems focusing on situations and available remedies where benefits have been wrongfully or unfairly required.

25.555, 25.556 Sales and Sales Financing
Advanced studies in the law of sales and the financing of domestic sales in New Zealand.

25.557, 25.558 Shipping Law
Advanced studies in the principles of carriage of goods by sea, including containerisation.

25.559, 25.560 Transport Law
Advanced studies in the history, exposition and comparison of selected topics of the law of transport, including land, sea and air transport, including rules of international law and of municipal law.

25.563, 25.564 Special Topic
To be prescribed by the Dean of the Faculty of Law.

25.565, 25.566 Special Topic
To be prescribed by the Dean of the Faculty of Law.

25.567, 25.568 Special Topic
To be prescribed by the Dean of the Faculty of Law.

25.569, 25.570 Special Topic
To be prescribed by the Dean of the Faculty of Law.

25.571, 25.572 Special Topic
To be prescribed by the Dean of the Faculty of Law.

25.573, 25.574 Special Topic
To be prescribed by the Dean of the Faculty of Law.
DIPLOMA IN CRIMINOLOGY

DipCrim

The personal Course of study of every candidate must be approved by the Senate. Approval will normally be granted for courses which are in accordance with the following regulations: for general provisions affecting their Courses of study students are referred to the Enrolment and Course Regulations (General), the Terms Regulations and the Examination Regulations.

General Provisions
1. Subject to the Admission Ad Eundem Statum Regulations, a candidate for the Diploma in Criminology shall follow a course of study of not fewer than two years.

List of Subjects
2. The subjects of examination for the Diploma in Criminology shall be:
   Division I
   (1) 25.101 Criminal Law
   (2) Two Sociology papers at first-year level, these papers to be approved by the Head of the Department of Sociology and by the Dean of the Faculty of Law.
   (3) Two further papers, selected from any of those taught within the Departments of: Anthropology Education Philosophy Psychology or Sociology and each approved by the Head of the Department concerned and by the Dean of the Faculty of Law.
   (4) 25.210 Criminology
   Division II
   (5) 25.241 Studies in criminal aetiology
   (6) 25.242 Penal Policy
   (7) 25.243 Crime and its prevention in New Zealand
   (8) 25.244 Research Methods in Criminology

Exemptions
3 (a) An exemption shall be granted to any candidate who for the purposes of any other Diploma or any Degree of this University has passed any unit or subject or has gained any Certificate of Proficiency which in the opinion of the Dean of the Faculty of Law is the same as or substantially equivalent to any subject in Division I under Regulation 2, notwithstanding anything to the contrary in Regulation 12 of the Enrolment and Course Regulations (General) but subject to the payment of the prescribed fee for an exempted unit.
   (b) No exemption shall be granted in respect of any subject in Division II under clause (a) of this Regulation.

Course Sequence
4. Except with the approval of the Senate, a candidate shall not take any subject in Division II under Regulation 2 until he has passed all subjects in Division I under that Regulation.

Honours
5 (a) The Diploma may be awarded with Honours upon the results of a Dissertation (25.245) which shall
   (i) embody the results of an investigation made by the candidate and approved by the Dean of the Faculty of Law in some branch of Criminology, and
   (ii) be submitted to the Registrar no later than 1 November in the third year following the candidate's completion of the course prescribed in Regulation 2 or at a date approved by the Dean of the Faculty of Law.
   (b) In the case of a Dissertation failing to reach a standard sufficient for Honours, the candidate may be awarded the Diploma without Honours.
6. A candidate wishing to take Honours shall obtain the approval of the Senate to do so before 31 January of the year in which he wishes to enrol, provided that no person who has been awarded the Diploma in Criminology shall be eligible to take the Diploma with Honours.

Note: An abstract is to be submitted with the dissertation, see Examination Regulation 14.
Personal Course of Study
7. The personal course of study of every candidate shall require the approval of the Senate, provided that the Senate may delegate to the Faculty of Law the power to give such approval but provided further that, where approval of a course of study has been withheld by a decision of the Faculty of Law acting under delegation of that power, the candidate may appeal to the Senate against that decision; and “approval” shall include the right to approve of a pass in any subject included in Regulation 2 of the previous Regulations in substitution for a pass in any subject in Regulation 2 of these Regulations.

Revocation and Transitions
8(a) The course of every candidate shall be governed by these Regulations.
(b) The Regulations governing the Diploma in Criminology which were included in the University of Auckland Calendar for 1972 (in this Regulation called “the 1972 Regulations”) are hereby revoked: provided that a candidate who enrolled under the 1972 Regulations or under any previous Regulations for the Diploma in Criminology included in the University of Auckland Calendar and who, except for presenting a satisfactory Dissertation, has completed the course therein prescribed may
(i) apply to present a Dissertation and to take Honours in accordance with Regulations 6 as if the course completed under the 1971 Regulations or earlier Regulations were the subject prescribed under Regulation 2, or
(ii) apply to be awarded the Diploma without Honours.
(c) The course of every candidate who enrolled under the 1972 Regulations or under any previous Regulations for the Diploma in Criminology included in the University of Auckland Calendar shall be settled by the Dean of the Faculty of Law.
9. These Regulations shall come into force on 1 January 1973.

DIPLOMA COURSE PRESCRIPTIONS
PRESCRIPTIONS FOR DipCrim
For the Subjects Listed in Regulation 2, Division II

25.241 Studies in Criminal Aetiology
Investigation of certain individual and general factors in the causation, transmission and distribution of crime in the contexts of sociology, economics, psychology and psychiatry.

25.242 Penal Policy

25.243 Crime and its prevention in New Zealand
Special characteristics of New Zealand offence patterns; the Polynesian offender; the effects of urbanisation: the value of community-based projects for crime prevention.

25.244 Research Methods in Criminology
Faculty of Music

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DEGREE COURSE REGULATIONS

THE DEGREE OF BACHELOR OF MUSIC

BMus

The personal Course of study of every candidate must be approved by the Senate. Approval will normally be granted for courses which are in accordance with the following regulations: for general provisions affecting their Courses of study students are referred to the Enrolment and Course Regulations (General), the Terms Regulations, and the Examination Regulations.

General Provisions

1. Subject to the Admission Ad Eundem Statum Regulations, a candidate for the Degree of Bachelor of Music shall
   (a) before his enrolment for this Degree satisfy the Head of the Department of Music that he has attained a suitable standard in music, and
   (b) follow a Course of study of not fewer than three years.

Course Entrance

2. A candidate for entrance to the Course of study for the Degree shall give notice in writing on the prescribed form to the Registrar not later than 30 November immediately preceding the year in which the candidate wishes to enrol.

Course Requirements

3. The Course of study for the Degree shall consist of twenty-two papers selected from those listed in the Schedule to these Regulations. Papers are classified in three stages, I, II, and III.
4. Every Course of study shall include
   (a) at least six papers in Music at Stage I level.
   (b) no more than eleven papers in Music at Stage II level.
   (c) at least three papers in Music at Stage III level.
   (d) at least two papers (not being papers in Music) from those prescribed for the Degree of Bachelor of Arts (whether Group A or Group B of the Schedule to the Regulations for that Degree).
5. Except with the permission of the Senate no candidate shall take in any one year more than nine papers for this Degree.
6. A candidate shall participate in approved choral or instrumental work within the University throughout his enrolment for this Degree, to the satisfaction of the Head of the Department of Music.
7. A student must satisfy the Head of Department that the necessary tests in Aural training have been undertaken and passed.

Note: The training consists of listening to a course of tests on tapes and working at exercises coupled with these tests. Students will be periodically examined. Good students will be able to complete the prescribed course in a year; others may take longer.

8. The Senate may on the recommendation of the Head of Department grant a credit of two unspecified Music papers at Stage I level towards this Degree to any student who has passed the examination in Performance 28.120 for the Degree of Bachelor of Music (Performance) or Diploma in Music with a grade of C-, or a credit of two unspecified Music papers at Stage II level towards this Degree to any student who has passed the examination in Performance 28.220 for the Degree of Bachelor of Music (Performance) or Diploma in Music with a grade of C-.

Note: See Regulations 4 and 6 of the Regulations for the Degree of Bachelor of Music (Performance) and Regulations 6 and 7 of the Regulations for the Diploma in Music.

9. A candidate wishing to be enrolled in any subject which is also a subject of examination for the Degree of Bachelor of Arts shall comply with such of the course regulations for that Degree relating to prerequisites, combinations of subjects, and practical work, as are applicable to that subject, save where the Senate in individual cases allows otherwise.
10. The Senate may, in such exceptional cases as it thinks fit, approve a personal course of study which does not conform to the foregoing Regulations.

Application of Regulations and Transitional Provisions

11 (a) Except as otherwise provided in this Regulation, the Course of study of every candidate shall be governed by these Regulations.
(b) A candidate who gained credit in any unit or units or was entitled to exemptions under any of the former Regulations for this Degree shall be credited with such equivalent paper or papers as the Senate may determine.

(c) For candidates who enrolled for this Degree before 1976 the subject prerequisites, corequisites, and restrictions, where not covered by these Regulations, shall be determined by the Head of the Department of Music.

12. These Regulations shall come into force on 1 January, 1976.

Schedule

1. This Schedule sets out our paper numbers, subjects, prerequisites, corequisites, restrictions, and other conditions applying to Courses of study for the Degree of Bachelor of Music.

2. This Schedule shall be read with the Regulations for the Degree and with the prescriptions set out elsewhere in the Calendar.

3. The heading 'prerequisites' in relation to a paper refers to other papers which must be passed before the candidate may take that paper.

4. The heading 'corequisites' in relation to a paper refers to other papers which must be taken concurrently with that paper or have been passed in a previous year.

5. The heading 'restrictions' in relation to a paper refers to a paper which cannot be taken in addition to that paper.

6. Except as provided elsewhere in these Regulations or in this Schedule, a candidate may not enrol for any paper until he satisfies all prerequisite and corequisite requirements and other requirements listed in the Schedule.

The papers prescribed for this Degree are:
<table>
<thead>
<tr>
<th>Paper No.</th>
<th>Title of Paper</th>
<th>Prerequisites</th>
<th>Corequisites</th>
<th>Restrictions</th>
<th>Qualifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>28.101</td>
<td>Musicianship</td>
<td>28.102, 28.103</td>
<td>28.122</td>
<td></td>
<td>A candidate must pass papers 28.101, 28.102, 28.103 and 28.122 with an overall grade of at least C+ before proceeding to Music II.</td>
</tr>
<tr>
<td>28.102</td>
<td>Materials of Music</td>
<td>28.101, 28.103</td>
<td>28.122</td>
<td></td>
<td>A candidate must take at least six papers in Music at Stage I level.</td>
</tr>
<tr>
<td>28.103</td>
<td>History of Musical Style</td>
<td></td>
<td>28.101, 28.102</td>
<td>28.122</td>
<td>A candidate must take 2 papers from those prescribed for the Degree of Bachelor of Arts in his first year.</td>
</tr>
<tr>
<td>28.110</td>
<td>Composition</td>
<td></td>
<td></td>
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<td>As prescribed under Reg I (a) BMus Regulations</td>
</tr>
<tr>
<td>28.112</td>
<td>Keyboard Harmony and Score-Playing</td>
<td></td>
<td>28.101, 28.102, 28.103</td>
<td>28.122</td>
<td></td>
</tr>
<tr>
<td>*28.113</td>
<td>Acoustics **</td>
<td></td>
<td>28.101, 28.102, 28.103</td>
<td>28.122</td>
<td></td>
</tr>
<tr>
<td>28.122</td>
<td>Introduction to Harmony and Counterpoint</td>
<td></td>
<td>28.101, 28.102, 28.103</td>
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</tr>
<tr>
<td>28.202</td>
<td>Harmony and Counterpoint</td>
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<td>A candidate may not take more than eleven papers in Music at Stage II level.</td>
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<tr>
<td>28.204</td>
<td>The Middle Ages **</td>
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<tr>
<td>*28.205</td>
<td>The Baroque Era **</td>
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<tr>
<td>28.206</td>
<td>The Classical Era † †</td>
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<tr>
<td>*28.207</td>
<td>The Romantic Era † †</td>
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<tr>
<td>28.208</td>
<td>The Twentieth Century † †</td>
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<tr>
<td>Paper No.</td>
<td>Title of Paper</td>
<td>Prerequisites</td>
<td>Corequisites</td>
<td>Restrictions</td>
<td>Qualifications</td>
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<tr>
<td>28.209</td>
<td>Materials and Analysis</td>
<td>As for 28.202</td>
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<tr>
<td>28.210</td>
<td>Composition (Counts as two papers)</td>
<td>As for 28.202; 28.110</td>
<td>28.209</td>
<td></td>
<td>A candidate may take, with the permission of the Head of the Department, up to three papers in a language (including Maori Studies) or in Anthropology, or both as prescribed for BA, in lieu of up to three of the eleven Stage II Music papers which may be taken.</td>
</tr>
<tr>
<td>28.214</td>
<td>Ethnomusicology</td>
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<td>28.209, 03.209</td>
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<tr>
<td>28.215</td>
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<tr>
<td>28.216</td>
<td>Studies in Electronic Music ††</td>
<td>As for 28.202</td>
<td>28.209, 28.113</td>
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<tr>
<td>28.217</td>
<td>Music Education</td>
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<tr>
<td>28.221</td>
<td>Technique and Repertoire</td>
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<td>28.209</td>
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<td></td>
<td><strong>Music III</strong></td>
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<tr>
<td>28.303</td>
<td>History of Church Music</td>
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<td>28.309</td>
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<tr>
<td>*28.305</td>
<td>Special Topic</td>
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<td>28.309</td>
<td>A candidate planning to enrol for MMus is reminded that prerequisites for MMus will depend on the area of his specialisation and his choice of papers.</td>
</tr>
<tr>
<td>Paper No.</td>
<td>Title of Paper</td>
<td>Prerequisites</td>
<td>Corequisites</td>
<td>Restrictions</td>
<td>Qualifications</td>
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<tr>
<td>28.309</td>
<td>Materials and Analysis</td>
<td>28.209</td>
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</tr>
<tr>
<td>28.310</td>
<td>Composition (Counts as 3 papers)</td>
<td>28.210, 28.215</td>
<td>28.309</td>
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</tr>
<tr>
<td>28.314</td>
<td>Ethnomusicology</td>
<td>28.214</td>
<td>28.309</td>
<td>03.318</td>
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</tr>
<tr>
<td>*28.316</td>
<td>Studies in Contemporary Music**</td>
<td>28.309</td>
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</tbody>
</table>

** Taught in odd-numbered years.

†† Taught in even-numbered years.

* This paper will not be taught during the current Calendar year.

† This paper may not be taught during the current Calendar year.

Where one of these History of Musical Style papers is taken as part of Music III it shall count as a Stage III paper, so long as the student has already passed one of this group of papers in Music II.

A candidate planning to enrol for MMus is reminded that prerequisites for MMus will depend on the area of his specialisation and his choice of papers.
THE DEGREE OF BACHELOR OF MUSIC (PERFORMANCE)
BMus (Performance)

The personal Course of study of every candidate must be approved by the Senate. Approval will normally be granted for Courses which are in accordance with the following Regulations: for general provisions affecting their Courses of study students are referred to the Enrolment and Course Regulations (General), the Terms Regulations, and the Examination Regulations.

General Provisions
1. Subject to the Admission Ad Eundem Statum Regulations, a candidate for the Degree of Bachelor of Music (Performance) shall
   (a) before his enrolment for this Degree satisfy the Head of the Department of Music that he has attained a suitable standard in music, including performance and
   (b) follow a Course of full-time study of not fewer than four years, and
   (c) follow his Course of study continuously except where and in so far as the Head of Department permits otherwise.

Course Entrance
2. A candidate for entrance to the Course of study for this Degree shall give notice in writing on the prescribed form to the Registrar not later than 30 June immediately preceding the year in which the candidate wishes to enrol.

Course Requirements
3. The Course of study for the Degree shall consist of twenty-eight papers selected from those listed in the Schedule to these Regulations. Papers are classified in four stages — I, II, III and IV.

4. For Performance 28.120, 28.220, 28.320 and 28.420, a candidate shall
   (a) carry out performance work (including the giving of class demonstrations), and
   (b) attend all classes in individual training and such classes in ensemble training, including orchestral rehearsals, as may be required, and
   (c) pass a Performance examination, with a grade of C or better in the case of 28.120 and 28.220, in any one of the following subjects.

   †Flute †French Horn Violin Piano
   †Oboe †Trumpet Viola Harpsichord
   †Clarinet †Trombone Cello Organ
   †Bassoon †Tuba †Double Bass Singing †Percussion

Note: (i) † This instrument may not be taught during the current Calendar year.
(ii) A candidate who passes the subject Performance 28.120 with a grade of C and is therefore not eligible to proceed with the Course of study for BMus (Performance) may in respect of that pass apply for a credit of two unspecified Stage I Music papers towards the Course of study for the Degree of BMus. A candidate who passes the subject Performance 28.220 with a grade of C- and is therefore not eligible to proceed with the Course of study for BMus (Performance) may in respect of that pass apply for a credit of two unspecified Stage II Music papers towards the Course of study for the Degree of BMus. See Regulation 8 of the Regulations for that Degree.

(d) A candidate presenting Singing shall attend such language Courses and do such language work as the Head of the Department of Music may require.
(e) Organ students will also receive tuition in harpsichord. A student studying the harpsichord may elect to include studies in the classical organ, its technique and repertoire, as part of the Course.

5. Except with the permission of the Senate no candidate shall take in any one year more than nine papers for this Degree.

6. A candidate who (having been a candidate for this Degree) has been granted credit towards the Degree of Bachelor of Music under Regulation 8 of the Regulations for that Degree shall not at a later time re-enrol for this Degree.

Note: See note to Regulation 4 of these Regulations.

7. It shall be a condition of a candidate's being permitted to pursue or continue this Course of study that he
   (a) shall not undertake any musical work, including musical competitions and examinations, outside the Course without the consent of the Head of Department of Music, and
(b) shall participate in approved choral or instrumental work within the University throughout his enrolment for this Degree, to the satisfaction of the Head of Department of Music.
(c) shall not enrol for any other Course of study without the leave of the Head of Department of Music.

8. (a) Except as otherwise provided in this Regulation, the Course of study of every candidate shall be governed by these Regulations.
(b) The Senate may in such exceptional cases as it thinks fit approve a personal Course of study which does not conform to the foregoing Regulations.
(c) A candidate who gained credit in any unit or units of a Professional Examination under any of the Regulations for the Degree of Bachelor of Music (Executant) shall be credited with such equivalent paper or papers as the Senate may determine.

9. These Regulations shall come into force on 1 January 1976.

Schedule
1. This Schedule sets out groups, paper numbers, subjects, prerequisites, corequisites, restrictions, and other conditions applying to Courses of study for the Degree of Bachelor of Music (Performance).
2. This Schedule shall be read with the Regulations for the Degree and with the prescriptions set out elsewhere in the Calendar.
3. The heading 'prerequisites' in relation to a paper refers to other papers which must be passed before the candidate may take that paper.
4. The heading 'corequisites' in relation to a paper refers to other papers which must be taken concurrently with that paper or have been passed in a previous year.
5. The heading 'restrictions' in relation to a paper refers to a paper which cannot be taken in addition to that paper.
6. Except as provided elsewhere in these Regulations or in this Schedule, a candidate may not enrol for any paper until he satisfies all prerequisite and corequisite requirements and other requirements listed in the Schedule.

The papers prescribed for this Degree are:
### MUSIC

<table>
<thead>
<tr>
<th>Paper No.</th>
<th>Title of Paper</th>
<th>Prerequisites</th>
<th>Corequisites</th>
<th>Restrictions</th>
<th>Qualifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>28.101</td>
<td>Musicianship</td>
<td>Regulations</td>
<td>28.102,103,122,120</td>
<td></td>
<td></td>
</tr>
<tr>
<td>28.102</td>
<td>Materials of Music</td>
<td>BMus (Performance)</td>
<td>28.101,103,122,120</td>
<td></td>
<td></td>
</tr>
<tr>
<td>28.103</td>
<td>History of Musical Style</td>
<td>1(a)</td>
<td>28.101,102,122,120</td>
<td></td>
<td></td>
</tr>
<tr>
<td>28.122</td>
<td>Introduction to Harmony and Counterpoint</td>
<td></td>
<td>28.101,102,103,122</td>
<td></td>
<td></td>
</tr>
<tr>
<td>28.120</td>
<td>Performance (counts as 3 papers)</td>
<td></td>
<td>28.101,102,103,122</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Stage I**

- A pass of at least C in paper 28.120, and an overall pass of at least C+ in papers 28.101, 28.102, 28.103 and 28.122 must be obtained before advancing to Stage II.

**Stage II**

- A minimum of seven papers to be taken at Stage II.

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*Note: The number enrolling in certain papers is restricted. Candidates should consult Calendar Prescriptions for BMus, paragraph 2.*
<table>
<thead>
<tr>
<th>Paper No.</th>
<th>Title of Paper</th>
<th>Prerequisites</th>
<th>Corequisites</th>
<th>Restrictions</th>
<th>Qualifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>28.221</td>
<td>Technique and Repertoire (2)</td>
<td>As for 28.211</td>
<td>28.209, 28.220</td>
<td></td>
<td></td>
</tr>
<tr>
<td>28.220</td>
<td>Performance (counts as 3 papers)</td>
<td>A pass of at least C in 28.120; As for 28.211</td>
<td>28.209</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Stage III**

<table>
<thead>
<tr>
<th>Paper No.</th>
<th>Title of Paper</th>
<th>Prerequisites</th>
<th>Corequisites</th>
<th>Restrictions</th>
<th>Qualifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>*28.113</td>
<td>Acoustics**</td>
<td></td>
<td>28.209, 28.220</td>
<td></td>
<td></td>
</tr>
<tr>
<td>28.203</td>
<td>History of Musical Style</td>
<td></td>
<td>28.209, 28.220</td>
<td></td>
<td></td>
</tr>
<tr>
<td>*28.204</td>
<td>— The Middle Ages**</td>
<td>One of 28.203-208</td>
<td>28.209, 28.220</td>
<td></td>
<td></td>
</tr>
<tr>
<td>28.208</td>
<td>— The Twentieth Century††</td>
<td></td>
<td>28.209, 28.220</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Paper No.</td>
<td>Title of Paper</td>
<td>Prerequisites</td>
<td>Corequisites</td>
<td>Restrictions</td>
<td>Qualifications</td>
</tr>
<tr>
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</tr>
<tr>
<td>28.320</td>
<td>Performance (counts as 4 papers)</td>
<td>A pass of at least C or better in 28.220; 28.209</td>
<td>28.309</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Stage IV**

One of:

- History of Musical Style
  - The Middle Ages**
  - The Renaissance††
  - The Baroque Era**
  - The Classical Era††
  - The Romantic Era**
  - The Twentieth Century††
  - History of Church Music (3)

- Special Topic

28.310 Composition (counts as 3 papers) 28.210, 28.309, 28.320


A minimum of 7 papers must be taken at Stage IV.
<table>
<thead>
<tr>
<th>Paper No.</th>
<th>Title of Paper</th>
<th>Prerequisites</th>
<th>Corequisites</th>
<th>Restrictions</th>
<th>Qualifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>or</td>
<td>two more (other than History of Musical Style)</td>
<td>28.309, 28.320</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>28.420</td>
<td>Performance (counts as 4 papers)</td>
<td>28.320, 28.309</td>
<td></td>
<td>Three papers selected from 28.203-208, 28.303, 28.305, 28.310, 28.314, 28.316, 28.318, or two more (other than History of Musical Style) selected from Stage III list.</td>
<td></td>
</tr>
</tbody>
</table>

**Notes:**
1. Required for Organ, Piano and Harpsichord candidates.
2. Available for certain Performance subjects only. Must be taken if Head of Department so requires.
3. Required for Organ candidates.
4. Taught in odd-numbered years
5. Taught in even-numbered years
6. Will not be taught during the current Calendar year
7. May not be taught during the current Calendar year
THE DEGREE OF BACHELOR OF MUSIC (PERFORMANCE) WITH HONOURS

BMus PERFORMANCE (Hons)

The personal Course of study of every candidate must be approved by the Senate. Approval will normally be granted for Courses which are in accordance with the following regulations for general provisions affecting their Courses of study students are referred to the Enrolment and Course Regulations (General), the Terms Regulations, and the Examination Regulations.

General Provisions
1. Subject to the Admission Ad Eundem Statum Regulations, a candidate for the Degree of Bachelor of Music (Performance) with Honours shall before his enrolment for this Degree

   (a) have been admitted or qualified for admission to the Degree of Bachelor of Music (Performance)

   (b)(i) have obtained a grade higher than C- in each compulsory paper in Music at Stage II and Stage III levels provided that in special circumstances where the Head of Department so recommends the Senate may accept a C- pass in any paper or papers, and

   (ii) satisfy the Head of Department of his proficiency as a performer

   (c) have been accepted by a Music Department Selection Committee for study for the Degree of Bachelor of Music (Performance) with Honours, at an interview held in the December prior to first enrolment for the Degree of Bachelor of Music (Performance) with Honours.

2. Subject to the Admission Ad Eundem Statum Regulations, a candidate may enrol for this degree having completed at least 24 papers including at least three at advanced level for the Bachelor of Music (Performance) degree, provided that

   (a) his proposed course for the degree of Bachelor of Music (Performance) with Honours is a full-time course and will extend over not fewer than two academic years

   (b) he has obtained grades averaging B- or above in the Stage III level papers for the Bachelor of Music (Performance) degree

   (c) he enrols in not more than one paper in the first year of his course for the degree of Bachelor of Music (Performance) with Honours

   (d) he satisfies the requirements of Regulations 1(b) and (c) above

   (e) should he not pass the remaining paper or papers in the first year of his Bachelor of Music (Performance) course, his Honours course shall be suspended until he has passed the remaining paper or papers.

3. Subject to the Admission Ad Eundem Statum Regulations, a candidate for the Degree of Bachelor of Music (Performance) with Honours shall follow a course of full-time study of not less than one year.

Course Requirements

5. For Performance 28.525 a candidate shall

   (a) carry out performance work (including the giving of class demonstrations)

   (b) attend all classes in individual training and such classes in ensemble training, including orchestral rehearsals, as may be required

   (c) pass a performance examination in any one of the following subjects:

   †Flute †French Horn Violin Harpsichord Percussion
   †Oboe †Trumpet Viola Piano
   Organ †Clarinet †Trombone Cello
   Singing †Bassoon †Tuba †Double Bass

   (d) Organ students will also receive tuition in harpsichord. A student studying the harpsichord may elect to include studies in the classical organ, its technique and repertoire as part of the course.

   (e) A candidate presenting Singing for this Degree shall attend such language courses and do such language work as the Head of the Department of Music may require.

6. It shall be a condition of a candidate's being permitted to pursue or continue this Course of study that he
(a) shall not undertake any musical work, including musical competitions and examinations, outside the course without the consent of the Head of the Department of Music
(b) shall participate in approved choral or instrumental work within the University throughout his enrolment for this Degree, to the satisfaction of the Head of the Department of Music, and
(c) shall not enrol for any other Course of study without the leave of the Head of the Department of Music.

7. The degree of Bachelor of Music (Performance) with Honours shall be awarded to candidates who have fulfilled these Regulations and whose work throughout the course has been in the opinion of the Faculty of Music of a sufficiently high standard.

8. The Senate may in such exceptional cases as it thinks fit, approve a personal Course of study which does not conform to the foregoing Regulations.

9. These Regulations shall come into force on January 1, 1980.

THE DEGREE OF MASTER OF MUSIC

MMus

The personal Course of study of every candidate must be approved by the Senate. Approval will normally be granted for Courses which are in accordance with the following regulations: for general provisions affecting their Courses of study students are referred to the Enrolment and Course Regulations (General), the Terms Regulations, and the Examination Regulations.

General Provisions

1. Subject to the Admission Ad Eundem Statum Regulations, a candidate for the Degree of Master of Music shall before his enrolment for this Degree
   (a) have been admitted or qualified for admission either to the Degree of Bachelor of Music or to the Degree of Bachelor of Music (Performance), and
   (b) (i) have obtained a grade higher than C- in each compulsory paper in Music at Stage I and Stage II levels provided that in special circumstances where the Head of Department so recommends the Senate may accept a C- pass in any paper or papers, and
      (ii) if taking Performance for this Degree, satisfy the Head of the Department of his proficiency as a performer.
   (c) have been accepted by a Music Department Selection Committee for study for the Degree of Master of Music, at an interview held in the December prior to first enrolment for the Degree of Master of Music.

2. Subject to the Admission Ad Eundem Statum Regulations, a candidate may enrol for this degree having completed at least 20 papers including at least three papers at advanced level for the Bachelor of Music Degree or having completed at least 24 papers including at least three papers at advanced level for the Bachelor of Music (Performance) degree, provided that
   (a) his proposed Course for the Degree of Master of Music is a full-time Course and will extend over not fewer than two academic years;
   (b) he has obtained grades averaging B- or above in the Stage III level papers for the Bachelor of Music Degree or, in the case of a student taking Performance for a Masters Degree, grades averaging B- or above in the Stage III level papers for the Bachelor of Music (Performance) degree;
   (c) he enrolls for the paper or papers in the first year of his Course for the Degree of Master of Music;
   (d) he satisfies the requirements in Regulations 1(b) and (c) above;
   (e) should he not pass the remaining paper or papers in the first year of his Master of Music Course, his Masters Course shall be suspended until he has passed the remaining paper or papers.

3. The Senate may require a candidate for the Degree of Master of Music not devoting his full time to University work to attend a prescribed course of study for two years.

4. A candidate shall participate in approved choral or instrumental work within the University throughout his enrolment for this Degree, to the satisfaction of the Head of the Department of Music.

Course Content

5. The Course of study for this Degree shall consist of
   (a) four papers and a Composition which counts as two papers, or
   (b) four papers and a Recital which counts as two papers, or
   (c) four papers and a Thesis which counts as two papers.
6. (a) The papers prescribed for this Degree are:
28.400 Special Topic
28.401 Special Topic
*28.402 Aesthetics in Music
†28.404 Studies in Organology
28.405 History of Music (Special Period)
28.406 Studies in Music Notation
†28.407 Studies in Music Theory
28.409 Analysis and Criticism
28.410 Composition
28.411 Fugue
28.414 Ethnomusicology
†28.415 Advanced Orchestration
†28.416 Electronic Music
28.419 Studies in Performance Practice
28.421 Seminar in Music Literature
28.422 Stylistic Study of a Specific Composer's Work
28.423 Seminar in Musicology
28.520 Performance
28.604 Dissertation

(b) A candidate intending to write a Composition (28.610) for this Degree must take Composition 28.410 and at least one of the following papers: 28.409, 28.411, 28.415, 28.416.
(c) A candidate intending to present a Recital (28.620) must take Performance (28.520) and at least one of the following papers: 28.404, 28.419, 28.421.
(d) A candidate intending to write a Thesis (28.601) must take Seminar in Musicology (28.423) and at least one of the following papers: 28.406, 28.407, 28.409, 28.414. He must also satisfy the Head of Department of Music of his proficiency as a performer and his ability to read an approved language other than English.

7. A candidate for this Degree may with the approval of the Head of Department of Music take one or two papers not previously taken from those listed under Music III in the Schedule to the Regulations for the Degree of Bachelor of Music, with the exception of Conducting (28.318).

Composition
8. When a candidate elects to write a Composition (28.610), the following conditions shall apply:
(a) The Composition shall be prepared under the supervision of a University teacher.
(b) A candidate may present his Composition in the year in which he takes the papers or, subject to the provisions of paragraph (c) of this regulation, in a subsequent year.
(c) A candidate shall present his Composition within three years of the year in which he takes the papers, provided that the time may be extended in exceptional cases by the Senate.
(d) The candidate shall submit his Composition together with a certificate from the supervisor stating that the work was carried out by the candidate under his supervision to the Registrar by 1 November in the year in which it is to be presented, or at a subsequent date if so arranged with the Head of the Department.
(d) If the examiner with the concurrence of the assessor so recommends, a Composition which is not satisfactory shall be returned to the candidate, who may be permitted to revise it and to resubmit it by a later date to be specified by the examiner.

Performance
9. When a candidate elects to present a Recital (28.620), the following conditions shall apply:
(a) A candidate shall present a concert Recital of approximately one hour's duration, the programme to be approved by the Head of the Department. The candidate shall submit his proposed programme to the Head of the Department for approval not later than the end of the first term.
(b) The Recital shall be restricted to ONE of the following:
(i) An approved orchestral instrument
(ii) The pianoforte
(iii) The organ and/or harpsichord
(iv) Any other instrument approved by the Head of the Department
(v) Singing.
(c) A candidate may present his Recital in the year in which he takes the papers or, subject to provisions of paragraph (d) of this regulation, in a subsequent year.
(d) A candidate shall present his Recital within three years of the year in which he takes the papers, provided that the time may be extended in exceptional cases by the Senate.
(e) The candidate shall present himself for the Recital on a date to be specified by the Head of the Department.
(f) If the Recital is not satisfactory and if the examiner with the concurrence of the assessor so recommends, the candidate may be permitted to present a further Recital at a later date to be specified by the examiner.

Thesis
10. When a candidate elects to write a Thesis (28.601), the following conditions shall apply:
(a) The Thesis shall embody the results obtained by the candidate in an investigation relating to some branch of Music.
(b) A candidate may present his Thesis in the year in which he takes the papers or, subject to provisions of paragraph (c) of this regulation, in a subsequent year.
(c) A candidate shall present his Thesis within three years of the year in which he takes the papers, provided that the time may be extended in exceptional cases by the Senate.
(d) The candidate shall submit his Thesis to the Registrar by 1 November of the year in which it is to be presented or at a subsequent date if so arranged with the Head of the Department.
(e) If the examiner with the concurrence of the assessor so recommends, a thesis which is not satisfactory shall be returned to the candidate, who may be permitted to revise it and to resubmit it by a later date to be specified by the examiner.

Note: An abstract is to be submitted with each copy of the thesis, see Examination Regulation 14.

Honours
11. (a) There shall be two classes of Honours: First Class Honours and Second Class Honours. Second Class Honours shall be awarded in two divisions, First Division and Second Division.
(b) Honours shall not be awarded if the papers in the first year in which a candidate sits an examination for the Degree are unsatisfactory or if the Composition or Performance or Thesis at its first presentation is unsatisfactory; provided, however, that a candidate whose performance at a written examination has been seriously impaired by illness or injury or exceptional circumstances beyond his control (certified under the aegrotat or compassionate pass provisions of the Examination Regulations) may elect, instead of applying for an aegrotat or compassionate pass, to take a subsequent written examination so that he shall be eligible for the award of Honours subject to the provisions of sub-clause (c) of this Regulation.
(c) A candidate shall be eligible for the award of Honours only if he completes the requirements for Honours within three years of his first enrolment for this Degree, provided that this period may in exceptional cases be extended by the Senate.

Special Provision
12. The Senate may in such special circumstances as it thinks fit approve a personal course of study which does not conform to the foregoing regulations.

THE DEGREE OF DOCTOR OF MUSIC
MusD

General Provisions
1. Except as provided in the Admission Ad Eundem Statum Regulations, a candidate for the Degree of Doctor of Music shall hold the Degree of Master of Music of the University of Auckland or Bachelor of Music of the University of New Zealand.
2. No candidate shall present himself for the Degree of Doctor of Music until at least five years after graduation to the qualifying degree
3. The Degree of Doctor of Music shall be awarded for distinction in musical composition.
4. The candidate shall submit not more than three works of his own, published or otherwise, such works to be selected from the following:
An oratorio, an opera, a cantata, a symphony for full orchestra, a concerto, an extended piece of chamber music.

5. No work shall be considered for the degree if the work, or a major portion thereof, has previously formed the basis of an award of any degree or diploma in this or any other University.

6. A candidate shall make application in writing to be examined, and such application, accompanied by the fees prescribed in the Fees Regulations, shall be lodged with the Registrar together with:

(a) Three copies of the work to be examined,
(b) A statutory declaration which shall:
   (i) state the extent to which the work is the candidate's own, and (in the case of a conjoint work) identify as clearly as possible which parts are the candidate's own; and
   (ii) state what portion (if any) of the work submitted has been previously presented for a degree or diploma of the University of Auckland or any other University; and
   (iii) declare that the work in substantially its present form has not been previously accepted for the award of a degree or diploma in this or any other University and is not being concurrently submitted for a degree or diploma in any other University.

Examination Procedure

7. As soon as possible after the application has been lodged, the Senate shall appoint a Moderator who shall:

(a) consider the work and submit, through the Registrar, a preliminary report, which shall indicate whether in his opinion the examination should proceed or whether the candidate should be advised to withdraw his application.

(b) State the names of not fewer than two persons recommended as suitable examiners in the field covered by the work submitted, provided that the Senate in appointing examiners under Regulation 9 of these Regulations shall not be restricted to the persons so named.

8. If the Moderator recommends that the candidate should be advised to withdraw his application, the candidate shall be notified of the recommendation by the Registrar and in such case the candidate may:

(a) withdraw his application, whereupon he shall be entitled to a refund of one half of the fees paid under the provisions of Regulation 6 of these Regulations; or

(b) elect to proceed with examination.

9. (a) If the examination is to proceed the Senate shall appoint two independent External Examiners of whom at least one shall be resident outside New Zealand, provided that the Senate may in its discretion appoint an additional examiner who may be a member of the teaching staff of the University of Auckland.

(b) The contents of the Moderator's report shall not be communicated to the Examiners.

10. The duties of each Examiner shall be:

(a) to report independently on the quality of the work; and

(b) to recommend whether or not the degree should be awarded, provided that where the recommendation is that the degree should not be awarded the examiner may recommend that the candidate be permitted to re-submit the work together with further published work at a later date. A re-submission shall be accompanied by a further full examination fee.

11. All reports and other communications shall be sent to the Registrar who shall refer them to the Moderator.

12. The Moderator shall place the reports of the Examiners before the Senate which shall determine whether or not the degree shall be awarded.

13. Notwithstanding anything in Regulation 12 of these Regulations the Moderator shall, where only two Examiners have been appointed and their recommendations are conflicting, submit to the Senate the name of a further person qualified to act as an Examiner; and in such case the Senate shall appoint the person so named or some other suitable person to be an additional Examiner to furnish an independent report in accordance with the provisions of Regulation 10 of these Regulations, which shall be considered by the Senate together with the other reports.
DEGREE COURSE PRESCRIPTIONS

PRESCRIPTIONS FOR BMus

Restrictions on Entry to Courses
1. A candidate before enrolment for this Degree is required to satisfy the Head of Department of Music that he or she has attained a suitable standard in music, at an interview to be held in the week immediately preceding the University enrolment week. A candidate who has not taken Music for the University Entrance or University Bursary Examinations will be required during his or her interview to satisfy the Head of Department of Music that he or she has reached an acceptable standard in harmony and aural perception.

Application to the Registrar must be made on the prescribed form and forwarded to the Secretary, Music Department, by 30 November (for entry to a course in the following year).

Composition 28.110. Candidates wishing to take this paper in the first year of their course will be asked to state this in their application form. They will be required at interview to satisfy the Head of Department of Music as to their competence in Composition in order to be admitted to this course in the first year of their studies.

2. Enrolments in the following papers will be restricted as follows:

<table>
<thead>
<tr>
<th>Number</th>
<th>Title of Paper</th>
<th>Restricted to</th>
<th>Method of Restriction</th>
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<tbody>
<tr>
<td>28.101</td>
<td>Musicianship</td>
<td>40</td>
<td>Interview</td>
</tr>
<tr>
<td>28.102</td>
<td>Materials of Music</td>
<td>40</td>
<td>Interview</td>
</tr>
<tr>
<td>28.103</td>
<td>History of Musical Style</td>
<td>80</td>
<td>Interview</td>
</tr>
<tr>
<td>28.110</td>
<td>Composition</td>
<td>15</td>
<td>Interview. See paragraph 1 above.</td>
</tr>
<tr>
<td>28.112</td>
<td>Keyboard Harmony &amp; Score-playing</td>
<td>20</td>
<td>Interview</td>
</tr>
<tr>
<td>28.122</td>
<td>Introduction to Harmony and Counterpoint</td>
<td>40</td>
<td>Interview</td>
</tr>
<tr>
<td>28.202</td>
<td>Harmony and Counterpoint</td>
<td>20</td>
<td>Results in Stage I papers</td>
</tr>
<tr>
<td>28.210</td>
<td>Composition</td>
<td>10</td>
<td>Results in Stage I papers</td>
</tr>
<tr>
<td>28.211</td>
<td>Renaissance Polyphony</td>
<td>20</td>
<td>Results in Stage I papers</td>
</tr>
<tr>
<td>28.212</td>
<td>Keyboard Harmony &amp; Score-playing</td>
<td>15</td>
<td>Results in Stage I papers</td>
</tr>
<tr>
<td>28.215</td>
<td>Orchestration</td>
<td>15</td>
<td>Results in Stage I papers</td>
</tr>
<tr>
<td>28.216</td>
<td>Studies in Electronic Music</td>
<td>10</td>
<td>Results in Stage I papers</td>
</tr>
<tr>
<td>28.217</td>
<td>Music Education</td>
<td>15</td>
<td>Results in Stage I papers and interview</td>
</tr>
<tr>
<td>28.302</td>
<td>Advanced Harmony &amp; Counterpoint</td>
<td>15</td>
<td>Results in Stage II papers and interview</td>
</tr>
<tr>
<td>28.310</td>
<td>Composition</td>
<td>5</td>
<td>Results in Stage II papers</td>
</tr>
<tr>
<td>*28.318</td>
<td>Conducting</td>
<td></td>
<td>Results in Stage II papers and interview</td>
</tr>
</tbody>
</table>

28.101 Musicianship
(one paper)
The development of musicianship skills through the art of listening, related aural perception and vocal techniques including sight singing. Listening skills will concentrate on the development of perception through aural analysis of short works in varying styles using appropriate class and recorded material.

28.102 Materials of Music
(one paper)
The development of musical sensitivity through a creative study of the elements of music: rhythm, melody, harmony, timbre, texture, style and form. Compositions will be set in similar styles to those studied in History of Musical Style (28.103).

28.103 History of Musical Style
(one paper)
From the Gregorian age to the present day, with reference to prescribed scores. In addition to two weekly lectures, a weekly seminar is held, dealing with current musical events, and giving an opportunity for students to discuss musical topics.

28.110 Composition
(one paper)
The composition of new musical material and examination of other sources. At the end of the year students, working under the supervision of their teacher, shall submit completed original compositions, not later than two calendar months from the commencement of the third term.

28.112 **Keyboard Harmony and Score-Playing**
(one paper)
Playing at sight from vocal and instrumental scores and from figured basses; harmonization of melodies.

*28.113 **Acoustics**
(one paper)
The fundamental principles of oscillations and wave propagation; stationary waves; resonance; loudness; pitch; tone quality; intervals and scales; the principles of operation of stringed, woodwind, brass and other instruments; the electronic production and reproduction of sound; and the acoustics of rooms.

28.122 **Introduction to Harmony and Counterpoint**
(one paper)
Diatonic Harmony: Practical exercises and analyses of examples from Seventeenth to Nineteenth Century Music.

28.202 **Harmony and Counterpoint**
(one paper)
Tonal harmony and counterpoint, diatonic and chromatic, vocal and instrumental.

History of Musical Style

*28.203 **The Middle Ages**
(one paper)
A survey of music in the Middle Ages with regard to notation, forms, instruments, theory and the socio-historical-cultural background.

28.204 **The Renaissance**
(one paper)
A survey of music in the Renaissance period, with regard to notations, forms, instruments, theory and the socio-historical-cultural background.

*28.205 **The Baroque Era**
(one paper)
A survey of music in the Baroque Era, including examination of forms, instruments, notation, theory and the general background.

28.206 **The Classical Era**
(one paper)
A survey of music in the Classical period, including examination of forms, instruments, notation, theory and the general background.

*28.207 **The Romantic Era**
(one paper)
A survey of music in the Romantic Era, with special attention to forms, the development of concert life, opera, musicology, and the general cultural-historical background.

28.208 **The Twentieth Century**
(one paper)
A survey of music in the Twentieth Century, embracing nationalism, serialism, electronic music, jazz and pop, with attention to the historical, cultural and sociological background, and including films and other visual material.

28.209 **Materials and Analysis**
The study and analysis of melodic, harmonic, rhythmic, structural and other compositional elements, through the examination of a wide range of music from plainsong and early polyphony to the present.

28.210 **Composition**
(Counts as two papers)
The composition of works for a wide variety of media in conjunction with analysis of short pieces.
28.211 Renaissance Polyphony
(one paper)
Style, technique and procedure in the vocal polyphony of the fifteenth and sixteenth centuries.

28.212 Keyboard Harmony and Score-Playing
(one paper)
Playing at sight from vocal scores, including the C clef, and orchestral scores; the realization of Eighteenth Century continuo parts; harmonization of melodies; transposition; improvisation. The development of any or all of these studies will be directed towards the particular keyboard instrument — piano, organ, or harpsichord — of each student.

28.214 Ethnomusicology
Music of the World’s Peoples
(one paper)
Historical development of ethnomusicology; the culture concept; music as human behaviour; elementary structural analysis; folk music; introduction to music styles from Asia, the Americas and Africa.

28.215 Orchestration
(one paper)
An arrangement from short score for an orchestra not exceeding the following: 2 flutes, 2 oboes, 2 clarinets, 2 bassoons, 4 horns, 2 trumpets, 3 trombones, tuba, harp, percussion, strings.

*28.216 Studies in Electronic Music††
(one paper)
A study of the major works in this medium composed during the last twenty-five years. This is primarily a listening and analysis course, but studio experience in creative work will be necessary.

28.217 Music Education
(one paper)
A variety of experiences in Music Education, including a micro-teaching project, child development in relation to learning music and music in aesthetic education.

28.221 Technique and Repertoire
(one paper)
This course is designed to cover subjects of importance to students of the various instruments, or to students of singing.
(a) For instrumentalists the course will cover:
(i) The evolution of instruments and their use. Present day interpretation in the light of historical knowledge.
(ii) Great performers and schools of playing. Style in performance.
(iii) Repertoire. For string players this will include orchestral repertoire.
(iv) The construction and planning of the instruments, where relevant.
(b) For singers the course will cover:
(i) The evolution of opera, oratorio, lieder and art song.
(ii) Great performers and styles in performance.
(iii) Singers’ repertoire.
(iv) Basic stagecraft.

28.302 Advanced Harmony and Counterpoint
(one paper)
Advanced Harmony and Counterpoint, and Analysis of large-scale forms from the Sixteenth to Twentieth Centuries.

28.303 History of Church Music
(one paper)
The examination of Christian Church Music.

*28.305 Special Topic
(one paper)
As prescribed from year to year by Head of Department.
28.309 Materials and Analysis
(one paper)
Detailed analysis of selected works in respect of style, technique and historical significance.

28.310 Composition
(counts as three papers)
Composing for a wide variety of media, voices, instruments, tape. Special assignments and observation of Twentieth Century music will be included.

28.314 Ethnomusicology
(one paper)
Music of Oceania
Maori music and music styles of Polynesia, Melanesia and Micronesia.

*28.316 Studies in Contemporary Music**
(one paper)
Music since 1960
A study of music of our times including works by Stockhausen, Berio, Boulez, Xenakis, Ligeti, Maxwell Davies, Penderecki and the Polish School, and recent works by selected New Zealand composers. Different systems of notation will be discussed and the emphasis of the course will be on detailed objective analysis.

*28.318 Conducting
(one paper)
The basic elements of baton technique; rehearsal planning and management, practical work with recordings and with class students leading to practical work with choral and instrumental groups.

* This paper will not be taught during the current Calendar year.
† This paper may not be taught during the current Calendar year.
** Taught in odd-numbered years
†† Taught in even-numbered years

PRESCRIPTIONS FOR BMus (Performance)

Restrictions on Entry to Courses.
A candidate before enrolment for this Degree is required to satisfy the Head of the Department of Music that he or she has attained a suitable standard in music—including performance at an interview to be held during the August/September study break preceding the year of enrolment.

Application to the Registrar must be made on the prescribed form and forwarded to the Secretary, Music Department, by 30 June (for entry to the course in the following year).

The prescriptions for papers for the Degree of Bachelor of Music (Performance) shall be the same as those for the corresponding subjects for the Degree of Bachelor of Music, and as follows:

Performance
See section 4(a), (b) and (c) of the Regulations for the Degree of Bachelor of Music (Performance)
Performance 28.120 counts as 3 papers
Performance 28.220 counts as 3 papers
Performance 28.320 counts as 4 papers
Performance 28.420 counts as 4 papers
A candidate presenting Singing shall attend such language courses and do such language work as the Head of the Department of Music may require. The most suitable paper in Italian is Paper 35.104 — Italian Language in Opera and Song. (Study of Italian texts of sung material; operatic librettii, madrigals, motets etc; comprehension and pronunciation)
Similar papers in German and in French will be available as required. These papers should be taken in the first, second and third years, respectively, of a student’s Performance course, and enrolment should be for Certificate of Proficiency (COP).
Organ students will also receive tuition in harpsichord. A student studying the harpsichord may elect to include studies in the classical organ, its technique and repertoire, as part of the course.
PRESCRIPTIONS FOR BMus Performance (Hons)

28.525 Performance
(five papers)
Preparation for and presentation of a public performance of a well-balanced recital programme.

PRESCRIPTIONS FOR MMus

Restriction on entry to Courses
1. Interview of Board of teaching members of Music Faculty; and
2. Performance where applicable.

Note: The availability of these papers will depend on the number of students and their choice.

28.400 Special Topic
Candidates will have opportunity to deal with aspects of music not covered by other papers.

28.401 Special Topic
Candidates will have opportunity to deal with aspects of music not covered by other papers.

*28.402 Aesthetics in Music
The beautiful in music; Music and meaning; Art as an experience; Perception and aesthetic value.

†28.404 Studies in Organology
Selected topics in the History of Musical Instruments, instrument building, tunings, treatises and other sources.

28.405 History of Music (Special Period)
Detailed examination in the History of Music of a special period, not previously studied from 28.203-208.

28.406 Studies in Music Notation
Basic problems of notation, neumes, rhythmic modes, tablatures, modern notation and scoring.

†28.407 Studies in Music Theory
A study of selected theoretical writings from the Middle Ages to the present day.

28.409 Analysis and Criticism
This will include musical examples in any of the accepted forms for explanation and comment.

28.410 Composition
Composing for a wide variety of media, voices, instruments, tape. Special assignments and observation of twentieth century music will be included.

28.411 Fugue
Fugue in not more than three parts, either vocal or instrumental.

28.414 Ethnomusicology
Field method; transcription and analysis; study of selected scholars. Note: 28.314 Ethnomusicology is a prerequisite for this paper.

†28.415 Advanced Orchestration
Study of contemporary practice in orchestration especially as it relates to new timbral resources; analysis of recent works and recent developments in instrumental technique; scoring for various instrumental forces.

†28.416 Electronic Music
This course will be involved primarily with creative work in electronic music. Not only will pure electronic works be composed but also 'mixed music' works, in which a substantial portion of electronic music is used.

Note: 28.216, Studies in Electronic Music, is a prerequisite for this paper.
28.419 Studies in Performance Practice
Selected topics for discussion and investigation from the field of Performance Practice. The study of source materials; individual projects for report orally and in writing; performance of music from the area(s) studied.

28.421 Seminar in Music Literature
A survey of the music literature in selected fields with specific problems for discussion and investigation, and individual reports both orally and in writing.

28.422 Stylistic Study of a Specific Composer's work
Study of the whole, or representative or selected portions of a composer's work in terms of tonality, texture, form and historical significance.

28.423 Seminar in Musicology
Musicological method; bibliographical studies; selected problems for discussion and investigation with individual reports orally and in writing.

28.520 Performance
Performance work as under the Regulations for the Degree of Bachelor of Music (Performance).

28.601 Thesis
(see also under Degree Regulations, MMus)
(two papers)
An investigation into some branch or area of music, under the guidance of a supervisor and embodying some elements of research.

28.604 Dissertation
(one paper)
Investigation of an approved topic.

28.610 Composition
(see also under Degree Regulations, MMus)
(two papers)
The preparation and presentation of one or more original compositions, under the guidance of a supervisor.

28.620 Recital
(see also under Degree Regulations, MMus)
(two papers)
The preparation for and presentation of a public performance of a well-balanced recital programme.

* This paper will not be taught during current Calendar year.
† This paper may not be taught during the current Calendar year.
DIPLOMA COURSE REGULATIONS

DIPLOMA IN MUSIC

DipMus

The personal Course of study of every candidate must be approved by the Senate. Approval will normally be granted for courses which are in accordance with the following regulations: for general provisions affecting their Courses of study students are referred to the Enrolment and Course Regulations (General), the Terms Regulations, and the Examination Regulations.

An intending candidate who has not been granted the University Entrance qualification by the Universities Entrance Board must apply for admission in accordance with the requirements of the Provisional Admission and Special Admission Regulations.

General Provisions
1. Subject to the Admission Ad Eundem Statum Regulations, a candidate for the Diploma in Music shall
   (a) before his enrolment for the Diploma satisfy the Head of the Department of Music that he has attained a suitable standard in music, including performance
   (b) follow a course of full-time study of not fewer than three years, and
   (c) follow his course of study continuously, except where and in so far as the Head of Department permits otherwise.

Course Entrance
2. A candidate for entrance to the course of study for this Diploma shall give notice in writing on the prescribed form to the Registrar not later than 30 June immediately preceding the year in which the candidate wishes to enrol.

Course Requirements
3. The course of study for the Diploma shall consist of not fewer than eighteen papers selected from those listed in the Schedule to these Regulations. Papers are listed in three stages — I, II and III.

4. Except with the permission of the Senate no candidate shall take in any one year more than eight papers for this Diploma.

5. A candidate with previous knowledge in Aural Training or Harmony may be required by the Head of the Department of Music to take in his first year Musicianship (28.101) and Materials of Music (28.102). If the candidate passes he shall be credited with a pass in each paper accordingly, but shall not be credited with a pass in Rudiments and Basic Aural Perception (28.001) and Basic Harmony (28.002). The candidate shall take in the third year of his course for this Diploma two other papers from the selection lists for Stage II and III. Where the candidate fails each or either of the papers 28.101 and 28.102 but is certified by the examiner to have attained the standard of a pass in paper 28.001 or 28.002 or both (as the case may be), the candidate shall have the appropriate paper or papers credited to his course.

6. Once a candidate enrols for paper 28.101 he shall be required to satisfy the Head of Department that the necessary tests in Aural training have been undertaken and passed.

Note: The training consists of listening to a course of tests on cassettes and working at exercises coupled with these tests. Students will be periodically examined. Good students will be able to complete the prescribed course in a year; others may take longer.

7. For Performance 28.120, 28.220, 28.320 a candidate shall
   (a) carry out performance work (including the giving of class demonstrations), and
   (b) attend all classes in individual training and such classes in ensemble training, including orchestral rehearsals, as may be required, and
   (c) pass a Performance examination, with a grade of C or better in the case of 28.120, in any one of the following subjects:

<table>
<thead>
<tr>
<th>†Flute</th>
<th>†French Horn</th>
<th>Violin</th>
<th>Piano</th>
<th>†Percussion</th>
</tr>
</thead>
<tbody>
<tr>
<td>†Oboe</td>
<td>†Trumpet</td>
<td>Viola</td>
<td>Harpsichord</td>
<td></td>
</tr>
<tr>
<td>†Clarinet</td>
<td>†Trombone</td>
<td>Cello</td>
<td>Organ</td>
<td></td>
</tr>
<tr>
<td>†Bassoon</td>
<td>†Tuba</td>
<td>†Double Bass</td>
<td>Singing</td>
<td></td>
</tr>
</tbody>
</table>

†This instrument may not be taught during the current Calendar year.
Faculty of Music. Diploma Regulations. DipMus

Note: A candidate who passes the subject Performance 28.120 with a grade of C- and is therefore not eligible to proceed with the course of study for DipMus may in respect of that pass apply for a credit of two unspecified Stage I Music papers towards the course of study for the Degree of BMus if he is eligible for enrolment for that degree. A candidate who passes the subject Performance 28.220 with a grade of C- and is therefore not eligible to proceed with the course of study for DipMus may in respect of that pass apply for a credit of two unspecified Stage II Music papers towards the course of study for the Degree of BMus if he is eligible for enrolment for that Degree.

See Regulation 8 of the Regulations for that degree.

(d) if presenting Singing for this Diploma attend such language courses and do such language work as the Head of the Department of Music may require.

(e) Organ students will also receive tuition in harpsichord. A student studying the harpsichord may elect to include studies in the classical organ its technique and repertoire as part of the course.

8. The candidate who (having been a candidate for this Diploma) has been granted credit towards the Degree of BMus under Regulation 8 of the Regulations for that degree shall not at later time re-enrol for this diploma.

9. It shall be a condition of a candidate's being permitted to pursue or continue this Course of study that he
(a) shall not undertake any musical work, including musical competitions and examinations, outside the course without the consent of the Head of Department of Music,
(b) shall participate in approved choral or instrumental work within the University throughout his enrolment for this Diploma, to the satisfaction of the Head of Department of Music, and
(c) shall not enrol for any other Course of study without the leave of the Head of Department of Music.

10. (a) Except as otherwise provided the Course of study of every candidate shall be governed by these Regulations.
(b) A candidate who has gained a credit for any subject under any former Regulations under the Diploma in Music shall be credited with such equivalent paper or papers as the Senate may determine.

11. The Senate may in such exceptional cases as it thinks fit, approve a personal Course of study which does not conform to the foregoing Regulations.

12. These Regulations shall come into force on 1 January 1976.

Schedule
1. This Schedule sets out paper numbers, prerequisites, corequisites, restrictions, and other conditions applying to Courses of study for the Diploma in Music.

2. This Schedule shall be read with the Regulations for the Diploma and with the prescriptions set out elsewhere in the Calendar.

3. The heading 'prerequisites' in relation to a paper refers to other papers which must be passed before the candidate may take that paper.

4. The heading 'corequisites' in relation to a paper refers to other papers which must be taken concurrently with that paper or have been passed in a previous year.

5. The heading 'restrictions' in relation to a paper refers to a paper which cannot be taken in addition to that paper.

6. Except as provided elsewhere in these Regulations or in this Schedule, a candidate may not enrol for any paper until he satisfies all prerequisite and corequisite requirements and other requirements listed in the Schedule.

The papers prescribed for this Diploma are:
MUSIC

Note: The number enrolling in certain papers is restricted. Candidates should consult Calendar Prescriptions for BMus, paragraph 2.

**Stage I**

<table>
<thead>
<tr>
<th>Paper No.</th>
<th>Title of Paper</th>
<th>Prerequisites</th>
<th>Corequisites</th>
<th>Restrictions</th>
<th>Qualifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>28.001</td>
<td>Basic Aural Perception and Rudiments</td>
<td>28.002, 28.103, 28.120</td>
<td>A candidate who is considered to be of high enough standard may be required by the Head of Department to enrol for 28.101 and 28.102 in place of these two papers (See Reg (I) of the DipMus Regulations)</td>
<td>A candidate is required to take a minimum of six papers at Stage I</td>
<td></td>
</tr>
<tr>
<td>28.002</td>
<td>Basic Harmony</td>
<td>28.001, 28.103, 28.120</td>
<td>28.103, 28.120</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Stage II**

<table>
<thead>
<tr>
<th>Paper No.</th>
<th>Title of Paper</th>
<th>Prerequisites</th>
<th>Corequisites</th>
<th>Restrictions</th>
<th>Qualifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>28.101</td>
<td>Musicianship</td>
<td>28.001</td>
<td>28.001 and one paper from Selection list.</td>
<td>A candidate is required to take a minimum of 6 papers at Stage II.</td>
<td></td>
</tr>
<tr>
<td>Paper No.</td>
<td>Title of Paper</td>
<td>Prerequisites</td>
<td>Corequisites</td>
<td>Restrictions</td>
<td>Qualifications</td>
</tr>
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</tr>
<tr>
<td>28.102</td>
<td>Materials and Music</td>
<td>28.002</td>
<td></td>
<td>28.220</td>
<td>If a candidate has taken papers 28.101 and 28.102 at Stage I he will be required to take 28.122 and 28.209 at this Stage.</td>
</tr>
<tr>
<td>28.122</td>
<td>Introduction to Harmony</td>
<td>28.101, 28.102</td>
<td>28.209, 28.220</td>
<td>and one other from Selection list</td>
<td>A C pass or better must be obtained before advancing to 28.320</td>
</tr>
<tr>
<td>28.220</td>
<td>Performance (counts as 3 papers)</td>
<td>A pass at C or better in 28.120</td>
<td>28.101 and 28.102 or 28.122 and 28.209, and one other</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Stage III — A candidate is required to take a minimum of six papers at Stage III

If a candidate has taken papers 28.122 and 28.209 at Stage II he must then select at least two papers from the Selection list below.

SELECTION LIST

- 28.110 Composition
- 28.112 Keyboard Harmony and Scoreplaying (1)
- 28.113 Acoustics**
- 28.201 History of Musical Style
- 28.202 — The Middle Ages**
- 28.204 — The Renaissance††
- 28.205 — The Baroque Era**
- 28.206 — The Classical Era††
- 28.207 — The Romantic Era**
- 28.208 — The Twentieth Century††

(1) Required for Organ, Piano and Harpsichord candidates
(2) Available for certain Performance subjects only. Must be taken if Head of Department so requires.
(3) Required for Organ candidates
** Taught in odd-numbered years
†† Taught in even-numbered years
DIPLOMA IN MUSIC WITH HONOURS
DipMus(Hons)

The personal Course of study of every candidate must be approved by the Senate. Approval will normally be granted for courses which are in accordance with the following regulations: for general provisions affecting their Courses of study students are referred to the Enrolment and Course Regulations (General), the Terms Regulations, and the Examination Regulations.

**General Provisions**

1. Subject to the Admission Ad Eundem Statum Regulations, a candidate for the Diploma in Music with Honours shall
   (a) before his enrolment for this Diploma have qualified for the award of the Diploma in Music, and
   (b) satisfy the Senate that in the work presented for the Diploma in Music he has attained a high standard, and
   (c) follow a Course of full-time study of not less than one year.

**Course Requirements**

2. The Course of study for this Diploma shall consist of:
   (a) 28.425 Performance (which shall count as four papers)
   (b) 28.309 Materials and Analysis, and
   (c) any one of the papers 28.110-113, 28.122, 28.202, 28.209-212, 28.215, 28.217, 28.221, 28.316, 28.318, as prescribed for BMus not previously taken, as approved by the Head of Department.

3. For Performance 28.425 a candidate shall
   (a) carry out performance work (including the giving of class demonstrations), and
   (b) attend all classes in individual training and such classes in ensemble training, including orchestral rehearsals, as may be required, and
   (c) pass a performance examination in any one of the following subjects:

   - Flute
   - French Horn
   - Violin
   - Harpsichord
   - Percussion
   - Oboe
   - Trumpet
   - Violin
   - Piano
   - Organ
   - Clarinet
   - Viola
   - Cello
   - Singing
   - Bassoon
   - Trombone
   - Tuba
   - Double Bass
   - Organ
   - students will also receive tuition in harpsichord. A student studying the harpsichord may elect to include studies in the classical organ its technique and repertoire as part of the course.

   (d) A candidate presenting Singing for this Diploma shall attend such language courses and do such language work as the Head of the Department of Music may require.

4. It shall be a condition of a candidate's being permitted to pursue or continue this Course of study that he
   (a) shall not undertake any musical work, including musical competitions and examinations, outside the course without the consent of the Head of Department of Music, and
   (b) shall participate in approved choral or instrumental work within the University throughout his enrolment for this Diploma, to the satisfaction of the Head of Department of Music.
   (c) shall not enrol for any other Course of study without the leave of the Head of Department of Music.

5. A candidate shall be required to pass the Course of study as a whole so that his performance in both Performance IV and the papers shall be considered.

6. Except as otherwise provided in these Regulations the Course of study of every candidate shall be governed by these Regulations.

7. The Senate may in such exceptional cases as it thinks fit, approve a personal Course of study which does not conform to the foregoing Regulations.

8. These Regulations shall come into force on 1 January 1976.

Note: *This paper will not be taught during the current Calendar year.
†This paper may not be taught during the current Calendar year.
DIPLOMA COURSE PRESCRIPTIONS

PRESCRIPTIONS FOR DipMus

Restrictions on Entry to Courses
A candidate before enrolment for this Diploma is required to satisfy the Head of Department of Music that he or she has attained a suitable standard in music including performance at an interview to be held during the August/September study break preceding the year of enrolment.

Application to the Registrar must be made on the prescribed form and forwarded to the Secretary, Music Department, by 30 June (for entry to the course in the following year).

The prescriptions for papers for the Diploma in Music shall be the same as those for the corresponding subjects for the Degree of Bachelor of Music, and as follows:

28.001 Basic Aural Perception and Rudiments
(one paper)
A course integrating Aural Perception and Harmonisation of elementary material. Pitch and Rhythmic notation.

28.002 Basic Harmony
(one paper)
The setting of melodies in 2, 3 and 4 parts. Aural analysis of various styles.

Performance
See Regulation 6 of the Regulations for the Diploma in Music.
Performance 28.120 counts as 3 papers
Performance 28.220 counts as 3 papers
Performance 28.320 counts as 4 papers

A candidate presenting Singing shall attend such language courses and do such language work as the Head of the Department of Music may require. The most suitable paper in Italian is Paper 35.104 — Italian Language in Opera and Song. (Study of Italian texts of sung material; operatic libretti, madrigals, motets, etc; comprehension and pronunciation).

Similar papers in German and French will be available as required. These papers should be taken in the first, second and third years, respectively, of a student’s Performance course, and enrolment should be for Certificate of Proficiency (COP).

Organ students will also receive tuition in harpsichord. A student studying the harpsichord may elect to include studies in the classical organ, its technique and repertoire, as part of the course.

PRESCRIPTIONS FOR DipMus(Hons)

28.425 Performance
(four papers)
Preparation for and presentation of a public performance of a well-balanced recital programme.

REGULATIONS FOR COURSE OF INSTRUCTION IN A SINGLE INSTRUMENT

Admission to a Course of Instruction in a single instrument with a full-time member of the staff may be granted subject to the approval of the Head of the Department of Music. Students enrolled for a Course of Instruction in a single subject must comply with the following regulations:

Enrolment
1. Enrolment shall be for a period of not less than one year and enrolment must be completed during the enrolling period immediately before the commencement of the first term.

Payment of Fees
2. Tuition fees as prescribed under the Fees Regulations must be paid at enrolment.

Refund of Fees
3. Should a student wish to discontinue the Course the following refunds may be made where the annual fee has been paid at enrolment:
(i) Two-thirds refund provided written notice of withdrawal is received by the Registrar before
the commencement of the second term;
(ii) One-third refund provided written notice of withdrawal is received by the Registrar before
the commencement of the third term.

Unsatisfactory Term Work
4. The notice of all students is drawn to Regulations 8 and 9 (i) of the Enrolment and Course
Regulations (General).

Declaration to Obey Statutes and Regulations
5. The Matriculation Regulations shall not apply to candidates enrolling for these courses but
every student enrolling for a course must sign the following declaration:
"I do solemnly promise that I will faithfully obey the Statutes and the Regulations of the
University of Auckland so far as they apply to me."

Prescriptions
6. Each course shall be under the direction of the Head of the Department of Music and shall
consist of the following:
(i) Weekly individual lessons of one hour’s duration for thirty weeks provided that arrange-
ments may be made for half-hour weekly lessons or one hour fortnightly lessons to be taken
with the proportionate reduction of fees.
(ii) Tests of ability and where appropriate ensemble playing including orchestral rehearsals, as
may be required by the Head of the Department of Music.
7. It shall be a condition of a candidate’s being permitted to pursue or continue this course that
he shall not undertake any musical work, including music competitions and examinations,
outside the course without the consent of the Head of the Department of Music.
8. Instruction is offered in the following subjects: Violin, Viola, Cello, Piano, Singing.
Faculty of Architecture and Town Planning

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SCHOOL OF ARCHITECTURE
DEGREE COURSE REGULATIONS
THE DEGREE OF BACHELOR OF ARCHITECTURE

BArch

The personal Course of study of every candidate must be approved by the Senate. Approval will
normally be granted for courses which are in accordance with the following regulations: for
general provisions affecting their Courses of study students are referred to the Enrolment and
Course Regulations (General), the Terms Regulations, and the Examination Regulations.

An intending candidate who has not been granted the University Entrance Qualification by the
Universities Entrance Board and who seeks admission on the basis of the New Zealand Certificate
in Draughting (Architecture), the New Zealand Certificate in Building, the New Zealand Certifi-
cate in Engineering (Civil Option), or the New Zealand Certificate in Quantity Surveying must
apply for admission in accordance with the requirements of the Provisional and Special Admission
Regulations.

General Provisions
1 (a) Subject to the Admission Ad Eundem Statum Regulations and except as otherwise
provided in these regulations, a candidate for the degree of Bachelor of Architecture shall be
required to
(i) pursue a course of study of not less than five years, and
(ii) pass the Intermediate Examination and complete to the satisfaction of the Senate the
requirements of the four Professional Examinations.
(b) Except as hereinafter provided a candidate shall be required to pass as a whole the Inter-
mediate Examination and the requirements of each Professional Examination. In recommend-
ing him for a pass in any Examination the Senate shall take into consideration his performance
in all subjects of that Examination.

A candidate who has failed to pass any Examination as a whole may, on the recommendation
of the Senate, be credited with a subject or subjects of that Examination. He may in a
subsequent year take the remaining subjects of that Examination together with such subjects of
the succeeding Professional Examinations, if any, as the Senate may permit. He shall be
required to pass such a composite examination under the same conditions as set out above.

Honours
2. The Degree of Bachelor of Architecture may be awarded with or without Honours according
to the standard of the candidate's work in the Fourth Professional Examination (taking into
account also his record in the other Professional Examinations).

Concessions
3. The Senate may exempt a candidate from the Intermediate Examination
(a) who has reached a standard satisfactory to the Senate in the University Entrance Scholar-
ship Examination, provided that one of the subjects is Mathematics, Additional Mathemat:
ics, or Physics; or
(b) who has been admitted or has qualified for admission to a Degree or, on the special
recommendation of the Head of the School of Architecture, a Diploma, in any Faculty of this
University; or
(c) who has by examination qualified with outstanding merit for the New Zealand Certificate in
Building, or the New Zealand Certificate in Draughting (Architecture), or the New Zealand
Certificate in Engineering (Civil Option), or the New Zealand Certificate in Quantity Survey-
ing, and who has completed the practical requirements for the award of such Certificate.

4. The Senate may exempt a candidate from the Intermediate and First Professional Examina-
tions, or from the Intermediate Examination and such parts of the First Professional Examina-
tion as it deems fit, if the candidate
(i) has by examination qualified with outstanding merit for the New Zealand Certificate in
Draughting (Architecture) and has completed the practical requirements for the award of that
Certificate; or
(ii) has been awarded or has qualified for the award of the Degree of Bachelor of Engineering
(Civil), and his undergraduate record in that Degree is of a sufficiently high standard in the
opinion of the Head of the School of Architecture.

Note: A candidate granted exemption under Regulations 3 or 4 shall pay the fees required under Regulation
12 of the Enrolment and Course Regulations (General).
Intermediate
5. (a) The subjects of the Intermediate Examination shall be:
Three subjects comprising one chosen by the candidate from each of the Groups A, B, and C
listed in the Schedule to this Regulation, of subjects prescribed for the Degree of BA or of BSc
as the case may be:
provided that
(i) in the case of any or each of the three subjects a candidate may substitute for that subject an
equivalent subject passed at another New Zealand University;
(ii) a candidate who, in the Universities Bursaries Examination, has obtained a 'B' Grade or
better and has gained not less than 50 marks in one of the subjects Pure Mathematics, Applied
Mathematics or Physics, may choose instead of a subject from Group A an additional subject
from Group B or Group C;
(iii) in exceptional circumstances and on the recommendation of the Dean of the Faculty of
Architecture and Town Planning, the Senate may permit a candidate to choose the three
subjects from those appearing in the Schedule to this Regulation without restriction as to
Groups, save that one shall be chosen from Group A unless the foregoing proviso (ii) applies.
(b) In respect of each subject chosen from the schedule to this Regulation, a candidate shall be
required
(i) to pass at least two arts papers or to obtain at least 12 science credits (as the case may be)
and (ii) to comply with such of the course regulations for the Degree of Bachelor of Arts or
Bachelor of Science as are applicable (including all requirements as to practical work and all
prerequisites, corequisites and restrictions).

<table>
<thead>
<tr>
<th>Group A</th>
<th>Group B</th>
<th>Group C</th>
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</thead>
<tbody>
<tr>
<td>Computer Science</td>
<td>Anthropology</td>
<td>Anthropology</td>
</tr>
<tr>
<td>Mathematics, pure</td>
<td>Biology</td>
<td>Art History</td>
</tr>
<tr>
<td>Mathematics, applied</td>
<td>Botany</td>
<td>Economics</td>
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<td>Physics</td>
<td>Chemistry</td>
<td>Education</td>
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<td></td>
<td>Computer Science</td>
<td>English</td>
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<td></td>
<td>Economics</td>
<td>History</td>
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<td></td>
<td>Geography</td>
<td>any Language</td>
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<tr>
<td></td>
<td>Geology</td>
<td>Music</td>
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<tr>
<td></td>
<td>Mathematics, pure</td>
<td>Philosophy</td>
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<tr>
<td></td>
<td>Mathematics, applied</td>
<td>Political Studies</td>
</tr>
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<td></td>
<td>Philosophy</td>
<td>Psychology</td>
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<tr>
<td></td>
<td>Zoology</td>
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</tr>
</tbody>
</table>

6. A candidate, who in the Architecture Intermediate Examination has passed Economics, shall
not take 15.136 General Economics.

7. (a) For each Professional Examination a candidate shall be required to gain credits from the
subjects set out in the Schedule to Regulation 11, including core subjects for that Professional
Examination set out in Part A of that schedule and other subjects from Part B of that schedule,
in accordance with the following:

First Professional Examination
Studio 1 (18 credits) and at least 18 further credits including 18 credits in other core subjects.

Second Professional Examination
Studio 2 (18 credits) and at least 18 further credits including 18 credits in other core subjects.

Third Professional Examination
Studio 3 (18 credits which may include 3 credits in a subject group elective) and at least 18
further credits which shall include 8 credits in other core subjects and may include credits in
other subjects.

Fourth Professional Examination
Studio 4 (18 credits comprising 9 credits in a subthesis and a further 9 credits which may
include 3 credits in a subject elective) and at least 18 further credits which shall include 4 credits
in other core subjects and may include credits in other subjects; or

1980 Calendar
Studio 4 Extended (27 credits comprising 9 credits in a subthesis and a further 18 credits which may include 3 credits in a subject elective) and at least 9 further credits which shall include 4 credits in other core subjects and may include credits in other subjects.

Note: (i) A candidate who does not attain the standard required for a pass in Studio 4 Extended (27 credits) may be credited with a pass in Studio 4 (18 credits).
(ii) Students who fail to pass Studio 2 are advised to consult the Dean before seeking to enrol in core subjects for Third and Fourth Professional Examinations and subject electives.

(b) The Senate may permit a candidate to take a subject or subjects as defined in the Regulations for a degree in any Faculty, in lieu of a subject or subjects set out in Part C of the Schedule to Regulation 11, up to an equivalent of 10 credits for this degree, and credits will be awarded for a pass in such subjects in accordance with the following:

<table>
<thead>
<tr>
<th>Faculty</th>
<th>Segment of Study</th>
<th>Equivalent credits for this degree</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arts &amp; Commerce</td>
<td>Paper</td>
<td>5 credits</td>
</tr>
<tr>
<td>Engineering</td>
<td>Subject</td>
<td>3 credits</td>
</tr>
<tr>
<td>Law</td>
<td>Instruction hour/week</td>
<td>2 credits</td>
</tr>
<tr>
<td>Science</td>
<td>Credit</td>
<td>1 credit</td>
</tr>
</tbody>
</table>

8. A candidate may not gain credits for any Professional Examination in any subject for which he gained credits in a previous Professional Examination; provided that
(a) where a candidate has in 1977 or any later year gained more credits than required to complete the Professional Examination for which he is enrolled, the additional credits to a maximum of six may be credited to the next succeeding Professional Examination.
(b) A candidate who has failed to gain the required number of credits in the subjects of a Professional Examination and enrols to repeat subjects or take other subjects to make up the required number of credits for that Professional Examination, may at the discretion of the Head of the School of Architecture take additional subjects to provide not more than 6 credits; and such of those credits as the candidate gains in excess of the credits required to complete that Professional Examination may to a maximum of six be credited to the next succeeding Professional Examination.

9. A candidate shall not enrol for more than 42 credits in any Professional Examination; provided that a candidate who has failed to gain 6 or fewer of the required number of credits in a Professional Examination, may, at the discretion of the Head of the School of Architecture, enrol in subjects for the remainder of the required number of credits, together with the subjects of the next succeeding Professional Examination, up to a total of not more than 42 credits.

10. A candidate may not take a subject unless he has passed or been exempted the prerequisite subject for that subject as provided in Regulation 11, and the Schedule to it; provided that
(a) where the prerequisite subject and the advanced subject are taught consecutively in one year, the candidate may enrol for both, but he may not take the advanced subject if he does not pass the prerequisite subject; and
(b) Where the candidate has been exempted from one or more of the subjects of the course for this degree under Regulation 4 or the Ad Eundem Statum Regulations, the Senate may at its discretion exempt him from the requirements of this Regulation.

Note: A candidate who is ineligible under proviso (a) to take an advanced subject should withdraw from that subject in accordance with Regulation 7 of the Enrolment and Course Regulations (General).

11 (a) The subjects of the Professional Examination shall be as listed and numbered under the headings Title of subject and Number of subject in the Schedule to this Regulation, (the core subjects being in Part A, and the other subjects in Part B). The credits to be awarded and the prerequisite or corequisite for each subject shall be as shown in the appropriate column opposite the name of the subject.
(b) Each subject referred to in the Schedule to this Regulation as ‘Special Topic’ and the prerequisite or prerequisites for it shall be as determined by the Head of the School of Architecture.
(c) Each subject named or referred to in the Schedule to this Regulation shall be an independently assessed segment of work, the successful completion of which shall result in the award of the number of credits shown.
<table>
<thead>
<tr>
<th>Part A (Core Subjects)</th>
<th>Subject Title of Subject</th>
<th>Credits</th>
<th>Prerequisites</th>
<th>Corequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>First Professional Examination</strong></td>
<td>15.101 Studio I</td>
<td>18</td>
<td></td>
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<tr>
<td></td>
<td>15.111 Architectural Design I</td>
<td>3</td>
<td>15.111 Arch Des 1</td>
<td></td>
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<tr>
<td></td>
<td>15.112 Man-Environment Studies 1</td>
<td>1</td>
<td>15.112 Man-Env Studies 1</td>
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<td></td>
<td>15.113 Construction I</td>
<td>4</td>
<td>15.113 Constr 1</td>
<td></td>
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<td></td>
<td>15.114 Environmental Control I</td>
<td>3</td>
<td>15.114 Env Control 1</td>
<td></td>
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<tr>
<td></td>
<td>15.115 Structure I</td>
<td>2</td>
<td>15.115 Structure I</td>
<td></td>
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<tr>
<td></td>
<td>15.116 Drawing I</td>
<td>3</td>
<td></td>
<td>15.116 Drawing I</td>
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<td></td>
<td>15.117 20th Century Architecture</td>
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<tr>
<td><strong>Second Professional Examination</strong></td>
<td>15.201 Studio 2</td>
<td>18</td>
<td>15.101 Studio I</td>
<td>15.111 Arch Des 1</td>
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<td></td>
<td>15.211 Architectural Design 2</td>
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<td>15.212 Man-Environment Studies 2</td>
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<td>15.213 Construction 2</td>
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<td>15.214 Environmental Control 2</td>
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<td>15.215 Structure 2</td>
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<td>15.115 Structure I</td>
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<td>15.218 Professional Practice 1</td>
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<td>15.216 Drawing 2</td>
<td>3</td>
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<td><strong>Third Professional Examination</strong></td>
<td>15.301 Studio 3</td>
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<td>15.311 Architectural Design 3</td>
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<td>15.211 Arch Des 2</td>
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<td>15.319 Building Economics 1A</td>
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<td>15.213 Constr 2</td>
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<td></td>
<td>15.320 Contract Documentation</td>
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<td>15.213 Constr 2</td>
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<tr>
<td><strong>Fourth Professional Examination</strong></td>
<td>15.401 Studio 4 or 15.402 Studio 4 Extended</td>
<td>18</td>
<td>15.301 Studio 3</td>
<td>15.301 Studio 3</td>
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<td>15.418 Professional Practice 2</td>
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<td>15.218 Prof Prac 1</td>
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<td>15.421 Building Law</td>
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<td>15.218 Prof Prac 1</td>
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<td><strong>Part B (Other Subjects)</strong></td>
<td>15.322 Advanced Design Methods A</td>
<td>3</td>
<td>15.211 Arch Des 2</td>
<td>15.322 Adv Des Meth A</td>
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<td>15.323 Advanced Design Methods B</td>
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<td>15.211 Arch Des 2</td>
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<td>15.324 Architectural Aesthetics</td>
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<td>15.211 Arch Des 2</td>
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<td>15.325 History of Architectural Theory</td>
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<td>15.426 Design Theory Elective</td>
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<td>15.323 Adv Des Meth B or 15.323 Adv Des Meth B</td>
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<td>15.312 Man-Environment Studies 3A</td>
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<td>15.328 Design &amp; Building Evaluation A</td>
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<td>15.329 Design &amp; Building Evaluation B</td>
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<td>15.328 Des &amp; Bdg Eval A</td>
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<td>15.430 Social Research &amp; Impact Reporting</td>
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<td>15.332 19th Century Architecture</td>
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<td>15.333 NZ Architecture</td>
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<td>Subject Number</td>
<td>Title of Subject</td>
<td>Credits</td>
<td>Prerequisites</td>
<td>Corequisites</td>
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<td>Cost Control</td>
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<td>Construction 4</td>
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<td>15.215 Struct 2</td>
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<td>Structure 4</td>
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<td>15.346</td>
<td>Timber Technology</td>
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<td>15.347</td>
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<td>Special topics, content to be determined</td>
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</table>

Note: Subjects listed in Part B of the Schedule will be taught only if sufficient staff are available and if enrolments are adequate to warrant teaching the subject.
THE DEGREE OF MASTER OF ARCHITECTURE

MArch

The personal Course of study of every candidate must be approved by the Senate. Approval will normally be granted for courses which are in accordance with the following regulations: for general provisions affecting their Courses of study students are referred to the Enrolment and Course Regulations (General), the Terms Regulations and the Examination Regulations.

1. Subject to the Admission Ad Eundem Statum Regulations, a candidate for the Degree of Master of Architecture shall before his enrolment for this Degree
   (a) have been admitted or qualified for admission to the Degree of Bachelor of Architecture, or
   (b) (i) have been awarded or qualified for the award of the Diploma in Architecture, and
      (ii) satisfy the Senate that he is qualified to pursue the course for the degree by reason of his professional work or by reason of his having pursued a further course of study or investigation since he was awarded or qualified for the award of the Diploma provided that the Senate may in addition require a person seeking enrolment under this provision to pass a special examination.

2. A candidate for the Degree of Master of Architecture shall
   (a) (i) follow a course of full-time study of not less than one year, or
      (ii) follow a course of part-time study of not fewer than two years:
   provided that such full-time or part-time study may be carried out in an approved institution outside the University for such period or periods as may be determined by the Senate from time to time, and
   (b) submit a thesis, and
   (c) except as provided in Regulation 6, pass a written examination.

3. The following conditions shall apply to the preparation and presentation of the thesis (15.601):
   (a) The thesis shall embody the results obtained by the candidate of an original investigation or design or advanced study relative to Architecture. Its title and an outline of the proposed work shall be submitted to the Faculty of Architecture for approval not later than 1 February of the year in which the candidate enrols provided that approval may be given to a title and outline submitted or resubmitted not later than 31 March of that year. The work shall be carried out by the candidate himself under the supervision of a Supervisor appointed by the Senate from the School of Architecture.
   (b) The candidate shall submit the thesis, accompanied by a certificate from the Supervisor stating that the work has been carried out wholly by the candidate under his supervision, to the Registrar not later than 1 November in the year in which it is presented, or at a subsequent date if so arranged with the Dean of the Faculty of Architecture and Town Planning. The Registrar shall hand the thesis to the Dean of the Faculty of Architecture and Town Planning.
   (c) If the Examiner with the concurrence of the Assessor so recommends, a thesis which is not considered satisfactory shall be returned to the candidate, who may be permitted to revise it and to resubmit it at a later date, to be specified by the Examiner. A thesis that has been submitted twice may not be submitted for a third time.

Note: An abstract is to be submitted with each copy of the thesis, see Examination Regulation 14.

4(a) A candidate who has not been exempted from presenting the written examination shall take such examination not later than in the fourth year after enrolling for the degree.
   (b) Every candidate shall submit his thesis by 1 November of the fourth year after enrolment for the degree, provided that this period may in special cases be extended by the Senate.

5. Except as provided in Regulation 6 a candidate shall be required to pass in one of the following subjects:
   (1) 15.502 Building Science
   (2) 15.503 Design Theory
   (3) 15.506 Practice and Law

6. The candidate will be advised on enrolment whether or not he will be required to present himself for examination in the written paper, provided that, if exemption is granted and if the thesis when presented is not considered to be satisfactory, a candidate may be required either to:
   (a) pass the written examination, or
   (b) pass the written examination in addition to resubmitting the thesis.

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7. Where a candidate has been required to take the written examination the Senate shall take into consideration the combined results of the thesis and the written examination in recommending a candidate for admission to the Degree of Master of Architecture.

NEW ZEALAND INSTITUTE OF ARCHITECTS SPECIAL EXAMINATION

Note: These regulations are prescribed by the Education Committee of the New Zealand Institute of Architects and administered by a Special Examination Committee representing both the NZIA and the Architects Education and Registration Board. The NZIA Special Examination is recognised by the AERB as a qualification for registration (see AERB ordinances). Persons who complete the NZIA Special Examination are required to make separate application for registration to the AERB in accordance with the Board's ordinances, and are required to attend the Board's professional interview. Registration is a prerequisite to corporate membership of the NZIA.

1. Persons who fulfil the conditions set out in Clause 2 or Clause 3 may apply to the Special Examination Committee for admission to this Examination.

2. The Committee will consider applicants who:
   (a) hold an overseas qualification acceptable in the country in which it was obtained as being of professional standard in architecture;
   (b) make application on the form provided;
   (c) provide documentary evidence of the qualification obtained, including where possible details of the course prescriptions and grades obtained;
   (d) provide details of their experience and examples of their work, together with suitable corroborative evidence;
   (e) provide a written report, thesis, review or article, the sole work of the applicant, on some architectural or related topic, as an indication of the candidate's ability to study or analyse a topic and write clearly upon it.

3. The Committee will consider applicants who:
   (a) by their work have demonstrated a level of achievement worthy of an architect;
   (b) are not less than 30 years of age and have not less than 10 years' suitable architectural experience;
   (c) make application on the form provided;
   (d) provide details of their experience and examples of their work, together with suitable corroborative evidence;
   (e) provide a written report, thesis, review or article, the sole work of the applicant, on some architectural or related topic, as an indication of the candidate's ability to study or analyse a topic and write clearly upon it;
   (f) provide evidence of age;
   (g) provide statements from at least three registered architects attesting to the applicant's experience, achievements and suitability for the profession;
   (h) provide any further information that may be requested by the Committee.

4. A fee of $50 shall be paid by the applicant to the NZIA upon making formal application to the Examination. This fee is not refundable.

5. Each applicant shall be interviewed by the Committee or by a sub-committee comprising at least two members thereof.

6. Following such interview, the Committee shall admit applicants to the Examination or refuse admission at its discretion.

7. On admitting a candidate to the Examination the Committee
   (i) may at its discretion exempt the candidate from either or both of the subjects of the Examination set out in Clause 6,
   (ii) may at its discretion require the candidate to pass any other subject or subjects prescribed for a recognised qualification in architecture in New Zealand, and
   (iii) shall require of the candidate such further period of approved practical experience (up to 140 weeks from the date of application) as it sees fit.
8. Applicants admitted to the Examination shall be required to pass the following subjects:
   (i) Professional Practice (ii) Building Law
   subject to such exemption as may be allowed in each case by the Committee.
9. A pass in subjects 8(i) and (ii) will be obtained by a candidate who passes the corresponding
   subjects for the BArch degree of the University of Auckland.
10. On passing the required subjects and satisfying the Committee that any further period of
    required practical experience has been satisfactorily completed, the candidate shall be entitled
    to a Certificate stating that he has completed the requirements of the NZIA Special Examination.
11. On refusing an applicant admission to the Examination the Committee shall advise him in
    writing of reasons for its decision. The Committee will consider a further application after not
    less than three years from the date of the previous application.
12. Application forms for admission to the Examination may be obtained from the Secretary,
    NZIA, PO Box 438, Wellington, or from the Dean of the Faculty of Architecture & Town
    Planning, University of Auckland, Private Bag, Auckland.
13. These regulations shall come into effect on 1 January 1978.
DEGREE COURSE. PRESCRIPTIONS

PRESCRIPTION FOR BArch

The prescriptions for the subjects named in the preceding Regulations for BArch are listed below.

15.101 Studio 1
A course of study and practice in Architectural Design in the studios and laboratories of the School of Architecture, with related lectures and seminars. Its scope includes the development of architectural skill and understanding and the co-ordination of subject matter of the course.

15.201 Studio 2
15.301 Studio 3
15.401 Studio 4
15.402 Studio 4 Extended

15.111 Architectural Design I
Introductory consideration of the phenomena architecture perception and design, and of design process and method. Formal aspects of space, materials, structure and services. Historical emphases up to the present day.

15.112 Man-Environment Studies I
An introduction to physical, social and cultural aspects of man's relation to the natural and built environment.

15.113 Construction I
Principles of Building Construction, material studies, building services.

15.114 Environmental Control I
Climate, man, and energy considerations in buildings. Introduction to psychophysics, including lighting and vision, hearing and noise control, thermal comfort and ventilation.

15.115 Structure I
Forces acting on buildings, study of equilibrium, resistance of elements and simple assemblies. Design and performance features of commonly used materials.

15.116 Drawing I
Basic freehand drawing; instrumental drawing; basic descriptive geometry; conventional projections; basic perspective. Other communication techniques.

15.117 20th Century Architecture
Description of principal architectural movements and personalities of contemporary architecture from c.1900 to c.1970.

15.211 Architectural Design 2
Design process, form structures, selected historical studies including New Zealand architecture.

15.212 Man-Environment Studies 2
Human factors in environmental design. Environmental perception, cognition and meaning. Social interaction and the environment. An introduction to current environmental research methods and findings with conclusions for architectural theory.

15.213 Construction 2
Advanced studies in the subject matter of Construction 1.

15.214 Environmental Control 2
Advanced studies in the subject matter of Environmental Control 1.

15.215 Structure 2
Deflection characteristics of common elements, force as arrested movements, approximations of complex building frames, instabilities, introduction to efficient but seldom used systems, discussion of techniques used by structural engineers for frame analysis.

15.218 Professional Practice I
The architectural profession in New Zealand. Historical background and controlling legislation. Codes of professional practice.
15.216 Drawing 2
Selected freehand techniques; instrumental drawing; advanced descriptive geometry; perspective, sciagraphy. Further communication techniques.

15.311 Architectural Design 3.
Buildings in the urban context; design and control of development; townscape and landscape.

15.319 Building Economics 1A
Microeconomics as parameters in building decisions. Urban land economics, density, buildings as investment.

15.320 Contract Documentation
Preparation of documentation at all stages of architectural service; briefs, feasibility studies, reports, working drawings, certification; developments in this area. Principles and practice involved in the preparation of specifications, interpretation; performance specifications. Computer assistance in documentation.

15.418 Professional Practice 2

15.421 Building Law
Aspects of law as they affect the practice of architecture, building, land and related property.

15.322 Advanced Design Methods A
A study of techniques for problem stating, survey, analysis, production of alternatives, evaluation and testing, plus critical path analysis techniques and a look at some strategies.

15.323 Advanced Design Methods B
The assignment and practical work additional to Advanced Design Methods A.

15.324 Architectural Aesthetics.
Discussion of aesthetic principles as they relate to the visual arts especially to architecture and to individual experience, and to architectural design. Further development of architectural form perception.

15.325 History of Architectural Theory.
History of western architectural theories from Greek to modern times.

15.426 Design Theory Elective.
A fourth year Studio project emphasising theory and techniques from Design Theory in its concept, synthesis and evaluation.

15.312 Man-Environment Studies 3A
Further investigation of the principles from the behavioural sciences related to the use, perception, evaluation, research and design of the built environment. Statistical analysis of findings and theories about human response, preferences and behaviour in environmental settings.

15.327 Man-Environment Studies 3B
The assignment and laboratory/field work additional to Man-Environment Studies 3A.

15.328 Design & Building Evaluation A
Man-Environment interactions as a basis for evaluation of the performance of the built environment and a theory of its function. Techniques and applications of performance measurement and appraisal.

15.329 Design & Building Evaluation B
The assignment and laboratory/field work additional to Design & Building Evaluation A.

15.430 Social Research & Impact Reporting
An investigation of the social impact of technology upon the environment.

15.331 Town Planning

15.412 Man-Environment Elective
A fourth year Studio project emphasising theory and techniques from Man-Environment Studies in its concept, synthesis and evaluation.
15.132 19th Century Architecture
Description of developments of architectural style and building technique during period c.1750-
c.1880 showing the foundations upon which the 20th century architecture develops.

15.333 NZ Architecture
Studies in Architecture in New Zealand with reference to historical influences and particular
developments.

15.134 History of Building
Studies in the development of built environment in settlements, buildings and technology.

15.135 Polynesian Architecture
A chronological study of the architectural efforts of the Maori from the prehistoric period up
to the present day.

15.136 General Economics
Basic principles of the economic behaviour of individuals, households, and business firms and
of the complete national economy and its interrelationships with the rest of the world.

15.337 Building Economics 1B
Major assignment relative to Building Economics 1A

15.419 Building Economics 2A
Factors governing productivity. Process of substitution in history of building technology. Skill,
tools, energy converters, materials and organisations.

15.437 Building Economics 2B
Major assignment relative to Building Economics 2A

15.519 Building Economics Elective
Individual project in Building Economics.

15.338 Commercial Practice & Management
A general appreciation of the principles and practice of accounting and commercial practice
relevant to the practice of architecture. Management theory organisation; administration, pro-
duction, distribution and control aspects; economic, financial and investment theories and

15.339 Cost Control
Cost planning and control in relation to the design team and design process. Economic feasibil-

15.340 Sound
A consolidation of the material previewed in the Environmental Control subjects on acoustics
and noise control — i.e. the origins, behaviour, description and measurement of sound, and the
elements of noise control, room acoustics and the hearing process.

15.440 Acoustics A
Advanced studies in room acoustics. Control of reverberation, electronic assistance of rever-
beration; theory and measurements for reflection masking and integration, application in
design, acoustical models, mathematical models of rooms.

15.441 Acoustics B
Assignments and laboratory work relative to Acoustics A.

15.442 Noise Control A
Advanced studies in noise control. Mathematical treatment of theory.

15.443 Noise Control B
Assignments and laboratory work relative to Noise Control A.

15.540 Acoustics Elective
Individual project in Acoustics.

15.542 Noise Control Elective
Individual project in Noise Control.

15.344 Audio-Electronics
An introduction to the design of sound systems for use in auditoria and theatres.
**15.313 Construction 3**  
Critical international survey of the building process; the laws, methods and organisations developed by communities to produce their buildings.

**15.413 Construction 4**  
Methods of building construction, conventional and unconventional. Site organisation, office, labour, plant and materials handling.

**15.513 Construction Elective**  
A field survey and report on an agreed topic related to Construction 3 or Construction 4.

**15.345 Construction Management**  
Introduction to quantitative techniques in management of construction projects.

**15.445 Construction Management Elective**  
Individual project in Construction Management.

**15.315 Structure 3**  
Simplified analysis of concrete and steel designs and explanations of code requirements.

**15.415 Structure 4**  
Advanced analysis in concrete and steel design and qualitative study of secondary stresses.

**15.346 Timber Technology**  
Rationalisation of timber performance in structure, and discussion of engineering use including both current and predicted techniques.

**15.347 Thermal Environment A**  
Advanced studies in thermal environment control; heating, air conditioning and cooling of buildings.

**15.348 Thermal Environment B**  
Assignments relative to Thermal Environment A.

**15.349 Building Services A**  
Advanced studies in building services, their design performance and co-ordination.

**15.350 Building Services B**  
Assignments relative to Building Services A.

**15.447 Thermal Environment Elective**  
Individual project in Thermal Environment.

**15.449 Building Services Elective**  
Individual project in Building Services.

**15.351 Lighting**  
Advanced studies in natural and artificial lighting in buildings.

**15.352 Materials Science**  
Advanced studies in building materials.

**15.353 Computer Applications**  
Applications in documentation and problem solving in building.

**15.354 Computer Programming**  
Introduction to programming in Fortran and Basic, together with practical exercises.

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<td>15.260-15.269</td>
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<td>15.370-15.389</td>
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<td>15.390-15.399</td>
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Courses which may be taught in any year, on topics in architecture; the availability, content, prerequisites and corequisites to be determined each year by the Head of the School of Architecture.
DIPLOMA COURSE REGULATIONS

SCHOOL OF ARCHITECTURE
DIPLOMA IN VALUATION
Dip Val

The personal Course of study of every candidate must be approved by the Senate. Approval will normally be granted for courses which are in accordance with the following Regulations: for general provisions affecting their Courses of study students are referred to the Enrolment and Course Regulations (General), the Terms Regulations, and the Examination Regulations.

1. Subject to the Admission Ad Eundem Statum Regulations and except as otherwise provided in these regulations, a candidate for the Diploma in Valuation shall
(a) have been admitted or qualified for admission to a Bachelor's degree of the University of Auckland, or
(b) hold or have qualified for the award of an approved professional or technician qualification in valuation, or
(c) have passed an Intermediate Examination comprising seven papers from the following papers, including Statistical Methods 13.102 (or Maths 26.180 or 26.181) and Economics 13.103 and 13.104 (or, 13.100 and 13.101) and at least one paper from Mathematics 26.120, 26.121, 26.122, 26.140, 26.141, 26.142, Computer Science 07.190, 07.191, and at least three papers from Accounting 01.100, 01.101 Commercial Law 02.100 Geography 20.101, 20.102 Valuation I 37.101

2. A candidate for the Diploma in Valuation shall follow a course of study of not less than two years.

3. The subjects of the examination shall be:

<table>
<thead>
<tr>
<th>Credits</th>
<th>Prerequisite</th>
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<tbody>
<tr>
<td>Statistical Methods</td>
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<td>13.102 (or 26.180 or 26.181)</td>
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<tr>
<td>Principles of Economics</td>
<td>5</td>
<td>13.103 (or 13.100 or 15.136)</td>
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<td>Construction 1</td>
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<td>Valuation 1</td>
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<td>Concrete &amp; Steel</td>
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<td>Research Topic</td>
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<tr>
<td>Dissertation (for Honours)</td>
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provided that
(i) a candidate who is qualified under regulation 1(b) is exempted from the subjects marked (1) above.
(ii) a candidate who has passed equivalent subjects for the degree of Bachelor of Architecture is exempted from subjects marked (2) above.
(iii) a candidate enrolled for this Diploma prior to 1980 and who otherwise completes this Diploma by 1983 is not required to take the subject marked (3) above.
(iv) a candidate who has passed any of the above subjects prior to enrolment for this Diploma shall have those subjects cross-credited.

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(v) a candidate who in the opinion of the Senate has passed for any other degree or diploma or professional or technician qualification a subject equivalent in content to any of the above subjects may be exempted from that subject.

4. (a) The Diploma in Valuation may be awarded with or without Honours.
(b) A candidate shall be eligible to enrol for Honours only with the leave of the Senate. A high standard is required in the work prescribed in Regulation 3.
(c) The Senate shall inform him as soon as reasonably possible after the completion of that work as to whether he has leave to enrol for Honours.
(d) Not later than 10 January next following, an eligible candidate wishing to enrol for Honours shall notify the Registrar in writing.
(e) A candidate for Honours shall submit a Dissertation to which the following conditions shall apply:
(i) the Dissertation shall embody the results obtained by the candidate in an investigation, approved by the Head of the School of Architecture, in some branch of the subject of Valuation;
(ii) a candidate shall in the first, second or third year following the work described in Regulation 3 submit his Dissertation to the Registrar by 1 November or at a subsequent date approved by the Head of the School of Architecture;
(iii) Honours shall be awarded upon the result of the Dissertation but if the Dissertation is not of sufficient standard the Diploma shall be awarded to the candidate without Honours.

Note: An abstract is to be submitted with the Dissertation (see Examination Regulation 14).

Transitional
5. (a) The course of each candidate shall be governed by these regulations, and the regulations governing the Diploma in Valuation published in the University of Auckland Calendar for 1978 (in this regulation called the 1978 Regulations) are hereby revoked.
(b) A candidate who has passed for the Diploma in Urban Valuation a subject listed in the column headed "1978 regulations" shall be deemed to have passed the subject for the Diploma in Valuation listed in the column "Corresponding Subjects".

Schedule
1978 Regulations
37.105 Building Technology and
37.205 Valuation of Material
Note: for candidates who have completed only one of 37.105 and 37.205, both subjects will be offered in 1980.

15.113 Construction I
37.101 Valuation I
37.102 Valuation Law I
37.103 Valuation Statistics and
37.206 Urban Land Economics

Note: for candidates who have completed only one of 37.103 and 37.206, both subjects will be offered in 1980.

15.136 General Economics
13.102 and
13.103 (for this Diploma only)
37.101 Valuation I
37.102 Valuation Law I
37.201 Valuation 2
37.207 Valuation Accounting
37.202 Valuation Law 2
37.301 Valuation 3
37.308 Property Management I
37.309 Concrete & Steel
37.310 Valuation subthesis

(c) A candidate who has failed to pass the subjects 37.105 and 37.205 by 1980 shall be required to pass the subject 37.115 in 1981 or later; and a candidate who has failed to pass the subjects
37.103 and 37.206 by 1980 shall be required to pass the subject 37.311 in 1981 or later.
(d) Notwithstanding Regulation 5(a) above, regulation 8(c) of the 1978 Regulations shall apply where relevant until the end of the years stated in that regulation.
(e) These Regulations shall come into force on 1 January 1979.
DIPLOMA COURSE PRESCRIPTIONS

PRESCRIPTIONS FOR DIPLOMA IN VALUATION

Note: A review of entry qualifications will be undertaken in 1983, at which time those then enrolled for the course, eligible for a substantial number of credits, may be required to do some alternative courses.

Prescriptions for the subjects named in the preceding regulations are given below:

13.102 Statistical Methods
An introduction to statistical reasoning and its applications in business and economics. Probability, distributions, statistical estimation and decision-making.

13.103 Principles of Economics
Basic principles of the economic behaviour of individuals, households and business firms and of the complete national economy and its interrelationships with the rest of the world.

15.113 Construction 1
Principles of building construction, material studies, building services.

37.101 Valuation 1
Introduction to the principles and practice of valuations. Candidates will be required to submit written reports for various purposes on results of property inspections and investigations.

37.102 Valuation Law 1
Aspects of law as they affect the practice of valuation, building, land and related property.

37.103 Valuation Statistics (for DipUrbVal)
An introduction to statistics and their application to valuation. Measures of dispersion and mid points; levels of significance, goodness of fit, correlation and regression analysis and application. Sampling, sampling techniques, random survey, purposive surveys; compilation and analysis of data.

37.105 Building Technology (for DipUrbVal)
Basic psychology, climate, siting, sun control, heating/cooling insulation, ventilation, acoustics, natural and artificial lighting.

37.115 Building Technology (for DipVal)
The writing and interpretation of specifications. The methods of measuring and valuing improvements. The preparation of estimates. The general principles of design applied in architecture.

15.319 Building Economics 1A
Microeconomics as parameters in building decisions. Urban land economics, density, buildings as investment.

37.205 Valuation of Materials (for DipUrbVal)
The writing and interpretation of specifications. The methods of measuring and valuing improvements. The preparation of estimates.

37.307 Valuation Accounting
Elements of financial and managerial accounting, finance and economics. The limitations, analysis and interpretations of accounting statements of sole traders, partnerships and companies. Goodwill and share valuations. Depreciation, sinking funds, investment analysis by discounted cash flow techniques.

37.201 Valuation 2
Studies in valuation principles and practice. The candidate will undertake field studies and submit written reports.
15.213 Construction 2
Advanced studies in the subject matter of Construction 1.

37.309 Concrete and Steel
A general study of good and reasonable practices associated with the use of structural steel, reinforced concrete and prestressed concrete buildings.

37.206 Urban Land Economics (for DipUrbVal)
Studies in urban land economics.

37.301 Valuation 3
Advanced studies in the principles and practice of valuation.
The candidate will undertake field studies and submit written reports.

37.302 Valuation Law 2
Advanced studies in valuation law.

37.311 Urban Land Economics (for DipVal)
Studies in urban land economics. Advanced studies in statistical analysis and application.

37.308 Property Management 1
History of property management, general principles, interrelationships of the land professions, the management office, property records. Decision making, political and social issues of property ownership and occupation; the goals, objectives and policies of property management.

37.313 Property Management 1A
Advanced studies in property management.

37.312 Research Topic
Advanced survey techniques, sampling, multiple regression analysis, sensitivity analysis and applications. A report shall be written on the results of an investigation into an aspect of applied urban valuation, approved by the Head of the School of Architecture.
The report shall not be less than 5000 words.

37.604 Dissertation (for Honours)
The dissertation shall be a written discourse, generally not less than 5000 words nor more than 10,000 words in length, on an original aspect of urban valuation approved by the Head of the School of Architecture. It must be an original work and presented in the form appropriate to its value as permanent department reference material.
DEPARTMENT OF TOWN PLANNING

DEGREE COURSE REGULATIONS

THE DEGREE OF BACHELOR OF TOWN PLANNING

BTP

The personal Course of study of every candidate must be approved by the Senate. Approval will normally be granted for courses which are in accordance with the following regulations: for general provisions affecting their Courses of study students are referred to the Enrolment and Course Regulations (General), the Terms Regulations and the Examination Regulations.

General Provisions

I(a) Subject to the Admission Ad Eundem Statum Regulations, a candidate for the Degree of Bachelor of Town Planning shall

(i) pursue a course of study for a period of not less than four years;
(ii) pass an Intermediate Examination and two Town Planning Examinations;
(iii) carry out practical work in the application of Town Planning to the satisfaction of the Head of Department.

(b) Except with the permission of Senate no candidate for this Degree shall take in anyone year more than nine papers.

Examinations

2. Except as hereinafter provided a candidate shall be required to pass as a whole the Intermediate Examination and each Town Planning Examination so that his performance in all papers of the Examination shall be considered; provided that

(a) where a candidate fails to pass an Examination (whether Intermediate or Town Planning) as a whole he may at the discretion of the Senate be

(i) credited with a paper or papers of that Examination, and
(ii) permitted in a subsequent year to present the paper or papers not so credited, together with a paper or papers of the First or Second Town Planning Examination as the case may be.

(b) No candidate may enrol for any papers of the First Town Planning Examination until he has passed at least six papers prescribed at Stage II level for the Intermediate Examination.

(c) A candidate who is studying for this degree part-time or in conjunction with any other degree, may be required to pass an examination consisting of such work, less than the full Examination, as the Senate may in its discretion determine and present the remaining papers of the full Examination in a subsequent year, together with a paper or papers of the next succeeding Examination.

(d) A candidate to whom either of the foregoing provisos (a) and (c) applies shall be required to pass as a whole an Examination consisting of the papers taken in any year, so that the candidate's performance in all papers taken in that year shall be considered.

3. The Examinations for this Degree shall be:

Intermediate Examination

(a) The Course of study for the Intermediate Examination shall consist of

(i) ten Arts papers or equivalent Science credits (or an equivalent combination of papers and credits), of which three-fifths are above Stage I level, from the following subjects as prescribed for the Degree of BA or BSc as the case may be:

- Anthropology
- Art History
- Biology
- Botany
- Computer Science
- Economics
- English
- Geography
- Geology
- History
- Mathematics
- Philosophy
- Political Studies
- Psychology
- Sociology
- Zoology

Any other subject or subjects prescribed for the Degree of BA or BSc may be approved by the Head of Department for the purposes of this paragraph.

(ii) four other papers or equivalent credits (or an equivalent combination of papers and credits) from any subjects prescribed for the Degree of BA or BSc or for any other degree approved by the Head of Department of Town Planning for the purposes of the candidate's Course of Study.

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(b) A candidate who has passed the Second Professional Examination for BArch or BE, or the
Second Law Examination for LLB or LLB(Hons), or two professional years for a degree of
another New Zealand University may, with the approval of the Senate, be exempted the
requirements of the Intermediate Examination.
(c) A candidate who has qualified with outstanding merit for the New Zealand Certificate in
Draughting (Town and Country Planning) or the New Zealand Certificate in Town Planning
may, with the approval of the Senate, be exempted the requirements of the Intermediate
Examination.

Note: Any such candidate is required to apply for admission under the Special Admission Regulations.

First Town Planning Examination
Part A
36.200 Planning Theory
36.201 Planning Techniques
36.202 Planning Law and Administration

Part B not fewer than two of the following:
36.203 Urban Settlements
36.204 Society and Settlements
36.205 Communications and Utilities

Part C
Two Stage III papers from one of the subjects listed for the Intermediate Examination in
paragraph (a) (i) of this Regulation.

Second Town Planning Examination
Part A
36.300 Advanced Planning Theory
36.301 Advanced Planning Techniques
36.302 Advanced Planning Law and Administration and one of
36.303 Research Essay
36.304 \{ Special Topics approved by the Head of the Department of Town Planning
36.305 \}
36.306 \}
36.307

Part B not fewer than two of the following:
36.203 Urban Settlements
36.204 Society and Settlements
36.205 Communications and Utilities
36.310 Urban Design
36.311 History of Town Planning
36.312 Resource Management
36.313 Housing
36.314 Rural Planning
36.315 Landscape Planning
36.316 \{ Special Topics approved by the Head of the Department of Town Planning
36.317 \}

Part C
Two papers including one Stage III paper from the subjects for the Intermediate Examination
as in paragraph (a) (i) of this Regulation and prescribed for the Degree of BA or BSc as
approved by the Head of the Department of Town Planning.

Restrictions Prerequisites and Corequisites
4(a) As to Part B of the Second Town Planning Examination:
(i) No candidate shall take paper 36.203 or paper 36.204 or paper 36.205 if he has already been
credited with that paper for Part B of the First Town Planning Examination.
(ii) No candidate shall take any of the papers 36.311, 36.312, 36.313, 36.314, 36.315, 36.316 or
36.317 unless he has passed in or taken concurrently the papers 36.203, 36.204 and 36.205.
(b) In respect of the papers and equivalent credits taken from this Degree (whether for the
Intermediate Examination or for Part C of the First or the Second Town Planning Examina-
tion) each candidate shall be required to comply with all Regulations applicable thereto for the
Degree of BA or BSc or other Degree (including Regulations and requirements relating to corequisites, prerequisites, restrictions, combinations of subject and practical work).

Exemptions
5(a) A candidate who has been credited for a Degree with any of the papers or equivalent credits specified for the Intermediate Examination may be credited with those papers or credits for the purpose of this Degree.
(b) Subject to the Admission Ad Eundem Statum Regulations, a candidate who is a graduate of any New Zealand University shall be exempted from passing the Intermediate Examination, and his Course of study shall be pursued for a period of not less than two years.
(c) A candidate proceeding under paragraph (b) of this Regulation or Regulation 3 (b) may substitute for any or all of the papers prescribed for Part C of the First and Second Town Planning Examinations not fewer than the same number of papers prescribed for any other Degree or Diploma as approved by the Head of the Department of Town Planning.

Practical Course
6. No candidate shall be admitted to this Degree unless the Registrar has received from the Head of the Department of Town Planning a certificate that the candidate has complied with the requirements of the Department as to practical work.
7. These Regulations shall come into force on 1 January, 1975

THE DEGREE OF MASTER OF TOWN PLANNING

MTP

The personal Course of study of every candidate must be approved by the Senate. Approval will normally be granted for courses which are in accordance with the following regulations: for general provisions affecting their Courses of study students are referred to the Enrolment and Course Regulations (General), the Terms Regulations, and the Examination Regulations.

General Provisions
1. Subject to the Admission Ad Eundem Statum Regulations, a candidate for the degree of Master of Town Planning shall before enrolment:
(a) have been admitted or qualified for admission to the Degree of Bachelor of Town Planning, and
(b) have obtained, in the opinion of the Head of the Department, a sufficiently high standard in Part A of the Second Town Planning Examination, with no paper graded lower than C.
2. Except as provided elsewhere in these Regulations a candidate shall take all papers required for this Degree in the same year. A candidate who is engaged in full-time employment, or with other demanding responsibilities, may be permitted by the Head of Department to present three or four papers in the first year, or in special circumstances two papers in the first year; and shall present all papers within three years of first enrolment for the Degree.
3. No candidate shall take for this Degree any paper that is the same or substantially equivalent to any other paper that he has passed or is taking and obtain credit for both for this Degree.

Course Content
4. Every candidate for the Degree of Master of Town Planning shall be required to pass in five papers and a research essay (36.603) which shall count as one paper; or four papers and a thesis (36.601) which shall count as two papers. The papers shall be chosen from
+36.400 Planning Theory
+36.401 Planning Techniques
+36.402 Planning Law and Administration
36.403
36.404
36.405
36.406
36.407
36.408
36.603 Research Essay
52.740 Public Health Engineering Seminar (as prescribed for the Degree of ME)
52.780 Transportation Planning (as prescribed for the Degree of ME)
20.436 Urban Geography (as prescribed for the subject Geography for the Degree of MA)
30.402 A topic on urban government and politics (as prescribed for the subject Political Studies for the Degree of MA)
82.406 Urban Sociology and Ecology (as prescribed for the subject Sociology for the Degree of MA)
25.383 Social Control of Land (as prescribed for the Degree of LLB (Hons))
15.503 Design Theory (as prescribed for the Degree of MArch) provided that the Head of Department of Town Planning must approve the relevance of paper 15.503 to the subject of investigation for the thesis before a candidate may enrol in that paper.

Thesis
5. Where a thesis is required the following conditions shall apply:
(a) The thesis shall embody the results obtained by the candidate in an investigation in some branch of Town Planning.
(b) A candidate shall present his thesis in the final year in which he takes the papers or within the next three years, provided that the time may be extended in exceptional cases by the Senate.
(c) If the examiner with the concurrence of the assessor so recommends, a thesis which is not considered satisfactory shall be returned to the candidate, who may be permitted to revise it and to resubmit it by a later date to be specified by the examiner.

Note: An abstract is to be submitted with each copy of the thesis, see Examination Regulation 14.

Honours
6. (a) There shall be two Classes of Honours: First Class Honours and Second Class Honours. Second Class Honours shall be awarded in two divisions, First Division and Second Division.
(b) Honours shall not be awarded if the papers in the first year in which a candidate takes an examination for the Degree are unsatisfactory or if the thesis at its first presentation is unsatisfactory; provided that a candidate whose performance at a written examination has been seriously impaired by illness or injury or exceptional circumstances beyond his control (certified as under the aegrotat or compassionate pass provisions of the Examination Regulations) may elect, instead of applying for an aegrotat or compassionate pass, to take a subsequent written examination so that he is still eligible for the award of Honours, subject to the provisions of paragraph (c) of this Regulation.
(c) A candidate shall be eligible for the award of Honours only if he completes the requirements for Honours within three years of his first enrolment for this Degree.

Transitional Provision
7. Notwithstanding anything in paragraph (a) of Regulation 1, a candidate who has been awarded or qualified for the award of the Diploma in Town Planning shall be eligible to enrol for this Degree up to and including the year 1983; but the Degree shall not be awarded with Honours if the candidate has been awarded the Diploma in Town Planning with Honours under former regulations.
8. These Regulations shall come into force on 1 January 1975.
DEGREE COURSE PRESCRIPTIONS

PRESCRIPTIONS FOR BTP

36.200 Planning Theory
The main contributors to planning thought, their theories and ideas, together with examples of the application of these. The objectives of present-day regional and town planning. Town planning in the context of social, economic, and physical planning.

36.201 Planning Techniques
Contemporary planning techniques in New Zealand and overseas. Techniques of survey, organisation of data and prediction. Land use requirements and development controls.

36.202 Planning Law and Administration

36.203 Urban Settlements
The functions, structure and physical form of urban settlement. Spatial theories of the town.

36.204 Society and Settlements
The process of urbanization. Economic, political, and social aspects of urban growth and change.

36.205 Communications and Utilities
The principles governing the provision of public utility services and transport facilities. Public health engineering. Traffic engineering. The influence upon urban development of communication and utility systems.

36.300 Advanced Planning Theory
Theoretical approaches to the formulation of planning policies. The purpose of national and regional planning and development. The responsibilities of national and regional governments. Metropolitan growth and decentralization.

36.301 Advanced Planning Techniques
Special land use and development controls. Methods of assessing and testing planning proposals. Urban development models and their application.

36.302 Advanced Planning Law and Administration

36.310 Urban Design
Introduction to the concepts and techniques of urban design. Appreciation of the physical form of the built environment. The landscape of urban areas. Relationship between the built and natural environments.

36.311 History of Town Planning
The historical development of cities. The evolution of planning theories and methods. The history of city government and administration.

36.312 Resource Management
A description of natural resources. The utilisation and conservation of resources. The maintenance of environmental quality. Methods of environmental management.

36.313 Housing
Influences upon the type, distribution and quality of housing in New Zealand. The evolution of housing policies. Rehabilitation of housing. Financial aspects of housing.

36.314 Rural Planning
Existing rural land use in New Zealand. Competing demands for rural land. Land use capabili-

36.315 Landscape Planning
An introduction to current practices and theory in the development and conservation of urban and rural landscape in New Zealand.

36.316 Special Topic to be approved by the Head of the Department.
36.317 Special Topic to be approved by the Head of the Department.

PRESCRIPTIONS FOR MTP

The prescriptions of the subjects named in the preceding regulations are given below:

†36.400 Planning Theory
National, regional and metropolitan planning. National resources and policies for development. Case studies of important projects. The role of forecasting.

†36.401 Planning Techniques
Evolution of planning techniques. Special land use and development controls. Methods of assessing and testing planning proposals.

†36.402 Planning Law and Administration

36.403
36.404
36.405
36.406
36.407
36.408

Special Topics approved by the Head of the Department of Town Planning.

36.603 Research Essay

52.740 Public Health Engineering
As prescribed for the Degree of ME.

52.780 Transportation Planning
As prescribed for the Degree of ME.

20.436 Urban Geography
As prescribed for the subject Geography for the Degree of MA.

30.402 A Topic on Urban Government and Politics
As prescribed for the subject Political Studies for the Degree of MA.

82.406 Urban Sociology and Ecology
As prescribed for the subject Sociology for the Degree of MA.

25.383 Social Control of Land
As prescribed for the Degree of LLB(Hons).

15.603 Design Theory
As prescribed for the Degree of MArch, provided that the Head of Department of Town Planning must approve the relevance of paper 15.603 to the subject of investigation for the thesis before a candidate may enrol in that paper.
DIPLOMA COURSE REGULATIONS

DIPLOMA IN TOWN PLANNING

DipTP

The personal Course of study of every candidate must be approved by the Senate. Approval will normally be granted for courses which are in accordance with the following regulations: for general provisions affecting their Courses of study, students are referred to the Enrolment and Course Regulations (General), the Terms Regulations, and the Examination Regulations.

An intending candidate who seeks admission under the proviso of Regulation 1 of these Regulations may need to apply for admission in accordance with the requirements of the Provisional and Special Admission Regulations.

General Provisions

1. Subject to the Admission Ad Eundem Statum Regulations, a candidate for the Diploma in Town Planning shall before enrolment have been admitted or have qualified for admission to a Degree in Architecture, Engineering, Law, or Surveying; or to a Bachelor’s Degree for which he has passed at least three Stage III papers in the subjects of Economics, Geography, or Sociology, or any of those subjects; provided that, if not so qualified, a person may, with the leave of the Senate, enrol for the Diploma if he
   (i) has been admitted or has qualified for admission to any other Degree, or
   (ii) holds a professional qualification in Architecture, Engineering, Surveying, or Town Planning,
   or
   (iii) has been awarded or qualified for the award of a Diploma in Architecture or Surveying or
   (iv) has been awarded or qualified for the award of a Diploma in Urban Valuation, his first enrolment for which was made before 1975.

Course Content

2. Every candidate shall be required to:
   (i) pass six papers from Parts A and B of the First Town Planning Examination
   (ii) pass four papers from Part A and two papers from Part B of the Second Town Planning Examination and
   (iii) complete the practical course prescribed for the Degree of Bachelor of Town Planning.

3. No candidate shall take for this Diploma a paper the same as or substantially equivalent to any paper he has passed for another University Diploma or Degree and shall for any such paper substitute another paper approved by the Head of the Department of Town Planning.

4. (a) Except as otherwise provided in this Regulation the course of every candidate shall be governed by these Regulations.
   (b) The Regulations governing the Diploma in Town Planning which were published in the University of Auckland Calendar for 1974 (in this Regulation called the 1974 Regulations) are hereby revoked, provided that a candidate who enrolled under the 1974 Regulations shall, with the exception of the dissertation, complete work and requirements equivalent to those prescribed in the 1974 Regulations by 1 November 1975 and may submit up to and including the year 1978 a dissertation (36.399) in accordance with Regulation 2 (c) of those Regulations, in order to qualify for the Diploma.

5. These regulations shall come into force on 1 January, 1975.

DIPLOMA COURSE PRESCRIPTIONS

PRESCRIPTIONS FOR DipTP

The prescriptions of the subjects are as for the Bachelor of Town Planning.
Faculty of Engineering

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DEGREE COURSE REGULATIONS

THE DEGREE OF BACHELOR OF ENGINEERING

BE

The personal Course of study of every candidate must be approved by the Senate. Approval will normally be granted for Courses which are in accordance with the following Regulations: for general provisions affecting their Courses of study students are referred to the Enrolment and Course Regulations (General), the Terms Regulations and the Examination Regulations.

Honours

1. The Degree of Bachelor of Engineering may be awarded with or without Honours according to the standard of the candidate's work. There shall be two classes of Honours: First Class Honours and Second Class Honours. Second Class Honours shall be awarded in either First Division or Second Division.

General Provisions

2(a) Except as otherwise provided, a candidate for the degree of Bachelor of Engineering shall be required,

(i) to pursue a Course of study for a period of not less than four years, and

(ii) to pass an Intermediate Examination and the examinations of the three Professional Years, and

(iii) to perform Practical Work to the satisfaction of the Faculty of Engineering, and

(iv) to perform Laboratory and Field Work to the satisfaction of the Faculty of Engineering.

(b) A candidate shall be required to pass as a whole the Intermediate Examination and each Professional Examination (including each Examination under Regulation 4), so that his performance in all the subjects of the Examination shall be considered: provided that a candidate who has failed to pass any such Examination as a whole may at the discretion of the Senate be credited with a subject or subjects of the Examination and permitted in a subsequent year to present the subjects not so credited, together with (if the Senate permits) a subject or subjects of the next succeeding Examination. The candidate shall then be required to pass a composite Examination in all the subjects so presented upon the same conditions as those prescribed in this sub-clause.

Concessions

3(a) A candidate who has been credited for the Degree of Bachelor of Science with any or all of the courses Chemistry 101 or 102, Mathematics 120 or 121, Mathematics 140 or 141, Physics 113, and Physics 123 shall be credited with such course or courses for this Degree.

(b) For the purpose of this Regulation only

(i) two of the courses Chemistry 100, 201, 202 and 203 may be substituted for Chemistry 101, 102,

(ii) Stage II Physics courses totalling 6 credits may be substituted for each of the courses Physics 113 and 123.

(iii) Stage II Pure Mathematics courses totalling 6 credits may be substituted for each of the courses Pure Mathematics 120 or 121 and 140 or 141.

(c) A candidate who has been credited for the Degree of Bachelor of Science with the course Mathematics 170 or Stage II or III Applied Mathematics courses totalling 6 credits may be credited with such course or courses in lieu of Engineering Mechanics I 55.001 for this Degree.

4. A candidate for the Degree of Bachelor of Engineering who

(a)(i) has been awarded or has qualified for the award of the Degree of Bachelor of Science, or

(ii) has completed within two years the examination requirements for the award of the Degree of Bachelor of Science, or

(iii) was permitted to enrol for Stage II or Stage III courses in a subject without first presenting that subject at Stage I and who, if the Stage I courses not taken were included, would have qualified within two years for the award of the Degree of Bachelor of Science, shall be required to pursue a Course of study for a period of not less than two years in such subjects for the Degree as the Dean of the Faculty may prescribe and to pass Examinations in each year in the subjects so prescribed for that year; provided that

(b)(i) the Examination for the first year shall be such that the amount of necessary study shall be substantially the same as for the Second Professional Examination;

(ii) all the subjects and courses of the Third Professional Examination shall be included in the candidate's Course of study but none such in the first year.

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(iii) the candidate shall be exempt from the courses and subjects of the Intermediate Examination and from such other subjects of the Degree as are not prescribed for his Course under this Regulation.

5. Any candidate who has passed in one year in Mathematics 120 or 121, Mathematics 140 or 141, Physics 113, Physics 123 and Chemistry 101, 102 or the substitutes permitted under Regulation 3 (b), and one other course, may be exempted by the Senate from the subjects of the Intermediate Examination, provided that he has also completed a Course in Elementary Mechanics approved by the Senate.

6(a) The Senate may exempt a candidate from the Intermediate Examination if it is satisfied that in the Entrance Scholarships Examination he has reached a satisfactory standard and if the subjects the candidate has taken include Chemistry, Physics, Pure Mathematics, and Applied Mathematics. If the candidate has reached an exceptional standard in the Entrance Scholarships Examination, the Senate may grant the exemption if the subjects taken include Chemistry, Physics, and Pure Mathematics either at the Bursary or Scholarship level.

(b) The Senate may permit a candidate who has gained a pass in the Bursary examination, or a Junior Scholarship, to substitute courses, papers or subjects totalling or equivalent to 12 credits, for prescribed courses of Engineering Intermediate related to one subject of the Bursary Examination in which he attained a standard of achievement approved by the Senate.

Substitution for Engineering Mechanics I shall not be permitted.

7(a) A candidate who has by examination qualified with outstanding merit for the New Zealand Certificate in Engineering or the New Zealand Certificate in Draughting in the fields of Civil, Mechanical, or Electrical Engineering, or Telecommunications, and who has completed the practical requirements for the award of that Certificate, may be exempted by the Senate from the Intermediate and First Professional Examinations or from such of those examinations as the Senate thinks fit.

(b) A candidate who has by examination qualified with outstanding merit for the New Zealand Certificate of Science (Metallurgy) and who has completed the practical requirements for the award of that Certificate may for the Course in Chemical and Materials Engineering be exempted from the Intermediate and First Professional Examinations or from such of those examinations as the Senate thinks fit.

(c) A candidate who has by examination qualified with outstanding merit for the New Zealand Certificate of Science (Physics) in the sub-division of Applied Electronics and who has completed the practical requirements for the award of that Certificate may for the Course in Electrical Engineering be exempted from the Intermediate and First Professional Examinations or from such of those examinations as the Senate thinks fit.

8. Regulations 3, 4, 5, 6, and 7 of these Regulations shall be read together with, so far as they are not inconsistent with, the provisions of the Enrolment and Course Regulations (General) relating to cross-credits and exemptions.

Credit for Other Courses

9. The Senate may permit a candidate to take for this Degree in place of one elective paper in each semester at the Third Professional level an approved paper chosen from those offered in any other Faculty; provided

(a) that prerequisite and timetabling requirements can be met, and

(b) that the syllabus is not the same as or substantially overlapping with any course prescribed for this Degree, and

(c) that the paper has a weight not less than that of an engineering paper.

Practical Work

10. A candidate shall not be admitted to the Degree unless the Registrar has received from the Dean of the Faculty of Engineering a certificate that the candidate has complied with the requirements of the Faculty as to Practical Work.

Laboratory and Field Work

11. A candidate shall not be admitted to the Degree unless the Registrar has received from the Dean of the Faculty of Engineering a certificate that the candidate has complied with the requirements of the Faculty as to Laboratory and Field Work.

Prerequisites

12. No student may enrol (a) for any subject of the First Professional Year without having completed the whole of the Intermediate Examination;
(b) for any subject of the Third Professional Year without having completed the whole of the First Professional Examination.

Note: In considering the enrolment of a student whose course is irregular by reason of past omissions or failures, the Dean will recommend for approval only a course for which he finds the student adequately prepared by his previous studies.

Form of Course

13. For the Second and Third Professional Examinations the candidate shall follow one of the following five courses:

- Chemical and Materials Engineering
- Civil Engineering
- Electrical Engineering
- Engineering Science
- Mechanical Engineering

List of Subjects

14. The subjects of the Examinations for the Degree shall be:

<table>
<thead>
<tr>
<th>Subject</th>
<th>Course No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chemistry</td>
<td>08.101</td>
</tr>
<tr>
<td>Chemistry</td>
<td>08.102</td>
</tr>
<tr>
<td>Engineering Mechanics I</td>
<td>55.001</td>
</tr>
<tr>
<td>Mathematics</td>
<td>26.120 or 26.121</td>
</tr>
<tr>
<td>Mathematics</td>
<td>26.140 or 26.141</td>
</tr>
<tr>
<td>Physics</td>
<td>31.113</td>
</tr>
<tr>
<td>Physics</td>
<td>31.123</td>
</tr>
</tbody>
</table>

CHEMICAL AND MATERIALS ENGINEERING

First Professional Year

- 51.111 Chemical Engineering I
- 51.112 Chemical Engineering II
- 53.111 Electrical Engineering I
- 50.111 Engineering Design
- 54.111 Engineering Mathematics I
- 55.101 Engineering Mechanics II
- 50.101 General Studies I
- 51.121 Materials I

Second Professional Year (1980 only. See *Note)

Semester 2.1

- 51.200 Advanced Chemistry A
- 51.210 Chemical Engineering Fundamentals
- 55.260 Engineering Design II
- 54.200 Engineering Mathematics II
- 51.220 Materials II

Semester 2.2

- 51.230 Advanced Chemistry B
- 51.240 Chemical Engineering Design I
- 50.200 General Studies II
- 51.250 Selection and Processing of Materials
- 51.260 Transport Phenomena

Third Professional Year (1980 only. See *Note)

Semester 3.1

- 51.300 Chemical Engineering Design II
- 55.300 Industrial Administration
- 51.310 Mass Transfer Operations I

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51.320 Particulate Technology  
51.330 Process Control

Semester 3.2
51.340 Chemical Engineering Design III  
51.350 Chemical Reactor Engineering  
51.360** Project in Chemical and Materials Engineering

†† Two electives chosen from the list below:
51.400 Advanced Chemistry C  
51.410 Chemical Engineering Design Seminar  
53.470 Applied Electricity  
54.470 Engineering Mathematics III  
55.460 Industrial Engineering  
51.420 Industrial Materials Engineering  
51.430 Mass Transfer Operations II  
51.440 Materials III  
51.450 Mineral Processing  
51.460 Special Topic in Chemical Engineering  
51.470 Special Topic in Materials Engineering  
54.230 Systems Analysis

‡ An approved subject from another University course.
‡ The subject must be approved by the appropriate Heads of Departments. There should be no timetable conflict with other subjects taken by the candidate. Approval will depend on the academic level of the subject and its compatibility with the candidate's personal aptitudes and interests and with his other electives.

** A candidate is required to submit a report on project work carried out on a topic assigned by the Head of the Department of Chemical and Materials Engineering. The work shall be supervised by a member of the staff. The report shall carry the weight of two papers.
†† Not all electives will be available in a given semester.

CIVIL ENGINEERING

First Professional Year
50.111 Engineering Design  
54.111 Engineering Mathematics I  
52.121 Fluid Mechanics I  
50.101 General Studies I  
52.131 Introductory Geology for Engineers  
51.121 Materials I  
52.111 Mechanics of Materials  
52.141 Structures  
52.151 Surveying

Second Professional Year (1980 only. See *Note)
Semester 2.1
52.201 Civil Engineering Design 1A  
54.200 Engineering Mathematics II  
52.202 Highway Engineering and Planning  
52.200 Mechanics and Properties of Materials I  
52.210 Structures II

Semester 2.2
52.231 Civil Engineering Design 1B  
52.131 Introductory Geology for Engineers  
52.250 Fluid Mechanics II  
50.200 General Studies II  
52.260 Geomechanics I

Third Professional Year (1980 only. See *Note)
Semester 3.1
52.301 Civil Engineering Design IIIA  
52.310 Fluid Mechanics IIIA

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52.320 Geomechanics IIA
52.330 Mechanics and Properties of Materials IIA
52.340 Structures IIIA

Semester 3.2
52.350 Civil Engineering Administration
52.361 Environmental Health Engineering
++Three electives chosen from the list below:
52.401 Civil Engineering Design IIB
52.400 Engineering Geology
54.470 Engineering Mathematics III
52.410 Fluid Mechanics III B
52.411 Geodesy and Astronomy
52.420 Geomechanics IIB
52.440 Mechanics and Properties of Materials IIB
52.460 Special Topic in Civil Engineering
52.470 Structures III B
52.412 Traffic Systems Design
52.413 Water quality engineering
54.230 Systems Analysis
52.500 Water Resources Engineering

† An approved subject from another University course.
†† The subject must be approved by the appropriate Heads of Departments. There should be no timetable conflict with other subjects taken by the candidate. Approval will depend on the academic level of the subject and its compatibility with the candidate's personal aptitudes and interests and with his other electives.
++ Not all electives will be available in a given semester.

ELECTRICAL ENGINEERING

First Professional Year
53.131 Electronics I
50.111 Engineering Design
54.111 Engineering Mathematics I
52.121 Fluid Mechanics I
50.101 General Studies I
51.121 Materials I
55.102 Mechanical Engineering IE
53.121 Networks
53.141 Power Apparatus and Systems I

Second Professional Year (1980 only. See *Note)

Semester 2.1
53.201 Electrical Engineering IIA
53.202 Electrical Engineering IIB
53.203 Electrical Engineering Design I
54.200 Engineering Mathematics II
51.270 Materials IIE

Semester 2.2
53.210 Control Systems I
53.220 Electromagnetic Fields I
53.230 Electronics I
50.200 General Studies II
53.240 Utilization of Electricity I

Third Professional Year (1980 only. See *Note)

Semester 3.1
53.300 Electronics II
55.300 Industrial Administration
53.310 Transmission Lines and Circuits
53.320 Utilization of Electricity II

1980 Calendar
Semester 3.2
53.330 Electrical Design
53.340 **Project in Electrical Engineering
††Two electives chosen from the list below:
53.400 Applied Network Synthesis
53.410 Communications
54.210 Computational Techniques I
53.420 Control Systems II
53.430 Electromagnetic Fields II
54.470 Engineering Mathematics III
53.440 Power Systems
55.460 Industrial Engineering
53.450 Semiconductors
53.460 Special Topic in Electrical Engineering
54.230 Systems Analysis

‡ An approved subject from another University course.
‡ The subject must be approved by the Heads of Departments. There should be no timetable conflict with other subjects taken by the candidate. Approval will depend on the academic level of the subject and its compatibility with the candidate's personal aptitudes and interests and with his other electives.
**A candidate is required to submit a report on project work carried out on a topic assigned by the Head of the Department of Electrical Engineering. The work shall be supervised by a member of the staff. The report shall carry the weight of two papers.

‡‡Not all electives will be available in a given semester.

ENGINEERING SCIENCE

First Professional Year
53.111 *Electrical Engineering IG
50.111 *Engineering Design
54.112 *Engineering Mathematics IS
55.101 *Engineering Mechanics I
50.121 *Fluid Mechanics I
50.101 General Studies I
51.121 Materials I
51.181 Thermodynamics

Second Professional Year (1980 only. See *Note)

Semester 2.1
53.250 *Electrical Engineering IIS
55.260 Engineering Design IIG
54.240 Engineering Mathematics IIS
55.200 Mechanics of Materials II
54.258 Operations Research IA

Semester 2.2
54.210 Computational Techniques I
54.220 Continuum Mechanics I
52.250 Fluid Mechanics II
50.200 General Studies II
54.259 Operations Research IB

Third Professional Year (1980 only. See *Note)

Semester 3.1
54.300 Continuum Mechanics II
54.310 Engineering Mathematics IIS
54.320 Statistics and Random Processes
54.350 Computational Techniques II
One elective chosen from the list below, which must be Project in Engineering Science if that subject is not to be taken in Semester 3.2:
52.301 Civil Engineering Design IIA
55.400 Control Engineering
55.410 Fluid Dynamics and Heat Transfer

1980 Calendar
52.310 Fluid Mechanics IIIA
52.320-Geomechanics IIA
55.300-Industrial Administration
55.420-Mechanics of Materials IIIA
52.330 Mechanics and Properties of Materials IIA
54.458-Operations Research IIC
54.410 ** Project in Engineering Science
54.420 Special Topics in Engineering Science “A”
52.210 Structures II
52.340 Structures IIIA

Semester 3.2
54.340 Topics in Engineering Mathematics
++Four electives chosen from the list below, one of which must be Project in Engineering Science if that subject was not taken in Semester 3.1.
55.430**Acoustics and Vibrations
55.440*Applied Aerodynamics
55.450*Applied Thermodynamics
52.350 Civil Engineering Administration
54.430Continuum Mechanics III
53.210 Control Systems I
54.440-Control Theory
53.430Electromagnetic Fields II
52.410*Fluid Mechanics IIIB
52.260-Geomechanics I
55.460 Industrial Engineering
55.490*Mechanics of Materials IIIB
52.440-Mechanics and Properties of Materials IIIB
54.400 Mechanics of Structures
55.470*Nuclear Engineering
54.459 Operations Research IID
54.410 **Project in Engineering Science
54.460 Special Topic in Engineering Science “B”
52.470*Structures IIIIB
52.500-Water Resources Engineering

† An approved subject from another University course.
‡ The subject must be approved by the appropriate Heads of Departments. There should be no timetable conflict with other subjects taken by the candidate. Approval will depend on the academic level of the subject and its compatibility with the candidate's personal aptitudes and interests and with his other electives.
** A candidate is required to submit a report on project work carried out on a topic assigned by the Head of Department of Theoretical and Applied Mechanics. The work shall be supervised by a member of the staff. The report shall carry the weight of one paper.
++ Not all electives will be available in a given semester.

MECHANICAL ENGINEERING

First Professional Year
53.111 Electrical Engineering I
50.111 Engineering Design
54.111 Engineering Mathematics I
55.101 Engineering Mechanics II
50.101 General Studies I
51.121 Materials I
55.111 Thermodynamics and Fluid Mechanics I

Second Professional Year (1980 only. See *Note)

Semester 2.1
52.270 Engineering Design IIM
54.200 Engineering Mathematics II
55.300 Industrial Administration

1980 Calendar.
Faculty of Engineering, Degree Regulations, BE

55.200 Mechanics of Materials II
55.220 Thermodynamics II

Semester 2.2
55.280 Fluid Mechanics II M
50.200 General Studies II
55.230 Mechanical Engineering Design I
55.210 Production Technology I
55.240 Theory of Machines

Third Professional Year (1980 only. See *Note)

Semester 3.1
55.300 Industrial Administration
55.310 Mechanical Engineering Design II
†† Two electives chosen from the list below:
55.400 Control Engineering
55.410 Fluid Dynamics and Heat Transfer
55.420 Mechanics of Materials IIIA
‡ An approved subject from another University course.

Semester 3.2
55.320 Mechanical Design Project
55.330** Project in Mechanical Engineering
†† Three electives chosen from the list below:
55.430-Acoustics and Vibrations
55.440-Applied Aerodynamics
53.470-Applied Electricity
55.450-Applied Thermodynamics
54.470-Engineering Mathematics III
55.460-Industrial Engineering
55.470-Nuclear Engineering
55.480-Production Technology II
55.490-Mechanics of Materials IIIB
55.500-Special Topic in Mechanical Engineering
55.510-Engineering Economics
‡ An approved subject from another University course.

† The subject must be approved by the appropriate Heads of Departments. There should be no timetable conflict with other subjects taken by the candidate. Approval will depend on the academic level of the subject and its compatibility with the candidate's personal aptitudes and interests and with his other electives.

** A candidate is required to submit a report on project work carried out on a topic assigned by the Head of the Department of Mechanical Engineering. The work shall be supervised by a member of the staff. The report shall carry the weight of two papers.

‡‡ Not all electives will be available in a given semester.

*Note: In 1979 the BE degree course was organised on the basis of two semesters in each year. From 1981 it will be organised on a yearly basis. The situation in 1980 is transitional. The first professional year has been changed to the yearly basis. The second and third professional years (except for minor amendments) have the same form as in 1979. They will be changed for 1981. A document describing the intended changes, which will be set out in these regulations in the 1981 Calendar, is available from the School of Engineering.

Savings and Transitional Provisions
15. The Regulations governing the Degree of Bachelor of Engineering set forth in the University of Auckland Calendar for 1979 are hereby revoked: provided that every candidate who began his course under the last mentioned Regulations shall be credited for the purpose of these present regulations with such units as the Senate may determine.
16. These Regulations shall come into force on 1 January 1980.
THE DEGREE OF MASTER OF ENGINEERING
ME

The personal Course of study of every candidate must be approved by the Senate. Approval will normally be granted for courses which are in accordance with the following regulations: for general provisions affecting their Courses of study students are referred to the Enrolment and Course Regulations (General), the Terms Regulations, and the Examination Regulations.

General Provisions
1. Subject to the Admission Ad Eundem Statum Regulations, a candidate for the Degree of Master of Engineering shall
   (a) before his enrolment for this Degree have been admitted or qualified for admission to the Degree of Bachelor of Engineering, and
   (b) follow a Course study of not less than one year.
2. Every candidate for this Degree shall
   (a) pass in each of eight subjects where those subjects do not include Project D, or
   (b) pass in Project D and six other subjects, or
   (c)(i) pass in each of three subjects, and
   (ii) pass in respect of a thesis (which shall count as equivalent to five subjects).

Subjects
3. The following conditions shall apply to the choice of subjects:
   (a) Every candidate shall choose his subjects in consultation with the Head of his Department from those listed in clause (b) of this Regulation; provided that no subject that has been credited to another Degree shall be taken for this Degree.
   (b) The subjects of examination for the Degree are:
   (i) §51.700 Advanced Materials
      51.710 Advanced Process Control
      51.720 Chemical Engineering Seminar
      51.730 Materials Seminar
      51.740 Studies in Chemical Engineering
      51.750 Studies in Materials Engineering
      52.700 Earthquake Engineering
      52.710 Fluid Mechanics Seminar
      52.720 Geomechanics Seminar
      52.730 Mechanics and Properties of Materials Seminar
      52.740 Public Health Engineering Seminar
      52.750 Structural Dynamics
      52.760 Structures Seminar
      52.770 Transportation Engineering Seminar
      52.780 Transportation Planning
      52.790 Transportation Systems Analysis
      52.800 Special Seminar in Civil Engineering
      52.810 Structural Analysis
      52.820 Space Structures
      52.860 Advanced Fluid Mechanics
      52.870 Coastal Engineering
      52.880 Advanced Water Resources
      52.890 Applied Geomechanics
      52.900 Earth Structures
      52.910 Traffic Engineering
      52.920 Structural Design
      25.313 Environmental Law
      53.700 Advanced Control Systems
      53.710 Advanced Electrical Engineering
      53.721 Electromagnetic Theory
      53.730 Heavy Current Electronics
      53.740 Microprocessors and Minicomputers
      54.700 Studies in Engineering Mathematics

1980 Calendar
54.710 Studies in Engineering Science
54.720 Studies in Control Theory
54.730 Studies in Continuum Mechanics A
54.740 Studies in Continuum Mechanics B
54.750 Finite Element Methods
54.760 Studies in Operations Research A
54.770 Studies in Operations Research B
54.780 Advanced Systems Analysis
54.790 Random Processes
55.700 Advanced Mechanical Engineering
55.710 Advanced Applied Aerodynamics
55.720 Advanced Mechanics of Materials
55.730 Advanced Production Technology
55.740 Productivity Management
55.750 Studies in Mechanical Engineering
50.700 Project A
50.710 Project B
50.720 Project C
50.730 Project D (value 2 papers)
53.750 Studies in Electrical Engineering
53.760 Computer Aided Network Analysis

(ii) those subjects approved by the Head of Department from any of those offered at Third Professional level for the BE Degree.
(iii) subject to the permission of the Heads of Departments concerned, one or two papers chosen from those offered in any other Faculty at the final-year undergraduate level or the master's level, including papers 86.100, 86.103, 86.104 and 86.106 from the Diploma In Energy Technology Geothermal, and provided
(a) that prerequisite and timetabling requirements can be met, and
(b) that the syllabus is not the same as or substantially overlapping with any course prescribed for this Degree, and
(c) that the paper has a weight not less than that of an engineering paper.

Project Work
4. (a) No candidate shall take
(i) Project A, B, C or D if he submits a thesis for this Degree;
(ii) more than one of the Projects A, B or C if he takes Project D.
(b) A candidate who takes Project D must submit his project report not later than twelve months after his enrolment for this project provided that the Senate may, in exceptional circumstances, extend this period.
(c) A candidate who takes Project A, B or C must submit his project report on the last day of the period in which the project is taken provided that the Senate may, in exceptional circumstances, extend this period.

Thesis
5. The following conditions shall apply to the thesis (56.601):
(a) The thesis shall embody the results obtained by the candidate in an investigation in a subject approved by the Head of his Department.
(b) The investigation shall be carried out personally by the candidate at the University under the direct supervision of a member of the academic staff: Provided that
(i) laboratory work may be carried out in an approved institution outside the University for such limited period or periods as may be determined from time to time by the Senate;
(ii) field work may be carried out at such places and for such periods as the Senate may determine.
(c)(i) The supervisor shall be the principal examiner.
(ii) The Senate acting on the advice of the Head of the Department shall appoint either an external assessor or a second internal examiner.

(d) At the discretion of the Head of his Department the candidate may be required to attend an oral examination on the subject of his thesis, which shall take place within four weeks of the date on which the thesis was submitted, or within such longer period as the Senate may in special circumstances approve.

(e) If the supervisor with the consent of the assessor or second examiner as the case may be so recommends, a thesis which is not considered satisfactory shall be returned to the candidate, who may be permitted to revise it and to submit it again at a later date to be specified by the supervisor.

(f) A candidate shall present his thesis not later than 18 months or, if he is a part-time candidate not later than 36 months, after his first enrolment for this Degree, provided that the Senate may, in exceptional circumstances, extend this period.

Note: An abstract is to be submitted with each copy of the thesis, see Examination Regulation 14.

(g) Notwithstanding anything in Regulation 5(f) a part-time candidate shall present his thesis not later than 36 months after his first enrolment for this Degree, provided that the Senate may, in exceptional circumstances, extend this period.

Classes of Pass
6. The Degree of Master of Engineering may, on the recommendation of the Senate, be awarded with distinction.

7. These regulations shall come into force on 1 January, 1972.

‡ Not all electives will be available in a given year.

RESEARCH IN ENGINEERING
Facilities are available for research by PhD and postdoctoral students in each of the Departments of the School of Engineering.

Research within the Radio Research Centre is mainly concerned with long-distance radio propagation, the properties of ionosphere and space physics. The Centre operates an experimental field station located at Ardmore.

Attention is drawn to the fact that the Honours degree qualifying a PhD student for registration need not necessarily be one in Engineering. Graduates with a good Honours degree in Physics, Chemistry, or Mathematics, for example, could be considered for registration in Engineering.

PROFESSIONAL INSTITUTION COURSES
Candidates for the examinations of the Council of Engineering Institutions may take courses selected from the BE syllabus. Prospective candidates should consult the Dean of the Faculty before planning their course.
DEGREE COURSE PRESCRIPTIONS

**PRESCRIPTIONS FOR BE**

The prescriptions for the subjects named in the preceding Regulations are listed below.

Intermediate Examination

<table>
<thead>
<tr>
<th>Subject</th>
<th>Course No.</th>
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<tbody>
<tr>
<td>Chemistry</td>
<td>08.101</td>
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<tr>
<td>Chemistry</td>
<td>08.102</td>
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<tr>
<td>Engineering Mechanics I</td>
<td>55.001</td>
</tr>
<tr>
<td>Mathematics</td>
<td>26.120 or 26.121</td>
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<tr>
<td>Mathematics</td>
<td>26.140 or 26.141</td>
</tr>
<tr>
<td>Physics</td>
<td>31.113</td>
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<tr>
<td>Physics</td>
<td>31.123</td>
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</tbody>
</table>

As prescribed for the degree of Bachelor of Science.

Professional Examinations

50.101 General Studies I

[Three lectures and one tutorial per week. First half-year]
A study of the formation and growth of ideas and their effect on the development of western culture in the last two hundred years: population growth, the rise of the city, the impact of science and technology; social and political responses.

50.111 Engineering Design

[One lecture and one three-hour drawing office class per week]
The elements of engineering draughting and graphics. Introduction to the application of mechanics to the design of mechanical and structural components.

50.121 Fluid Mechanics IS

[Three lectures and one tutorial per week. First half-year]

50.200 General Studies II

A survey of some of the problems of contemporary man, including aspects of politics, sociology, ecology and technology and their interactions.

51.111, 51.112 Chemical Engineering I

[Four lectures and one tutorial per week. Two examinations, one at mid-year (51.111) and one at the end of the year (51.112)]
Fluid mechanics and thermodynamics including mass and energy balances.

51.121 Materials I

[Three lectures and one tutorial per week. Second half-year]
Mechanical properties and testing of engineering materials; atomic and structural aspects; deformation and strengthening mechanisms; annealing; working processes; temperature dependent properties of materials; microstructures solidification and phase equilibria; heat treatment; non-destructive testing; corrosion; non-metallic materials including polymers, wood, ceramics and concrete.

51.181 Thermodynamics

[Three lectures and one tutorial per week. Second half-year]
Classical chemical thermodynamics up to and including the concepts of chemical potential, fugacity and activity; applications of these concepts. Thermodynamics of power and refrigeration cycles, and flow processes. Introduction to statistical thermodynamics.

51.200 Advanced Chemistry A

General, analytical and organic chemistry.
51.210 Chemical Engineering Fundamentals
Introduction to chemical engineering calculations; mass and energy balances; psychrometry. Introduction to unit operations; phase relationships. Fluid flow; Newtonian flow; incompressible non-Newtonian flow; introduction to compressible flow; pipe circuits; pumps and pumping; flow measurement.

51.220 Materials II
A course of intermediate level dealing mainly with physical metallurgy.

51.230 Advanced Chemistry B
General and physical chemistry.

51.240 Chemical Engineering Design I
The elements of design applied to chemical engineering plant and projects.

51.250 Selection and processing of Materials
Mechanical metallurgy. Metals processing. Selection of engineering materials.

51.260 Transport Phenomena

51.270 Materials III

51.300 Chemical Engineering Design II

51.310 Mass Transfer Operations I
Mass transfer in staged processes. Introductory aspects of distillation, extraction, gas absorption, humidification and drying.

51.320 Particulate Technology
Interaction of particles and fluids. Particulate separation processes.

51.330 Process Control
Process dynamics and simulation. Control theory and stability analysis with industrial applications.

51.340 Chemical Engineering Design III
Process engineering. Forecasting and process evaluation. In this course the student will be required to complete a major design project, the grading of which will carry the weight of one paper.

51.350 Chemical Reactor Engineering
Reaction kinetics and process reactors. Fuel technology.

51.360 Project in Chemical and Materials Engineering
A student is required to submit a report on project work carried out on a topic assigned by the Head of the Department of Chemical and Materials Engineering. The work shall be supervised by a member of the staff. The report shall carry the weight of two papers.

51.400 Advanced Chemistry C
An advanced course on selected aspects of structural, physical, inorganic and organic chemistry.

51.410 Chemical Engineering Design seminar
Selected topics from advanced fields of process equipment design, process engineering and economics.

51.420 Industrial Materials Engineering
Application of the principles of materials to topics selected from: castings, polymers, ceramics, coatings, composites, powder metallurgy, welding, non-destructive testing etc.

51.430 Mass Transfer Operations II
Advanced mass transfer in staged processes, including multicomponent systems. Specialized mass transfer operations.
51.440 Materials III
Advanced physical metallurgy. Structure and properties of polymers, glasses and ceramics.

51.450 Mineral Processing
Analysis of selected methods of mineral processing. Equipment and circuits for processing minerals.

51.460 Special Topic in Chemical Engineering
A course on a topic in chemical engineering to be determined each year by the Head of the Department of Chemical and Materials Engineering.

51.470 Special Topic in Materials Engineering
A course on a topic in materials engineering to be determined each year by the Head of the Department of Chemical and Materials Engineering.

52.111 Mechanics of Materials
[Two lectures and one tutorial per week. Second half-year]
Stress, strain and stress/strain relationships; application of these concepts to simple structural members. Properties of civil engineering materials.

52.121 Fluid Mechanics I
[Two lectures and one tutorial per week. First half-year]

52.131 Introductory Geology for Engineers
[Two lectures and one tutorial per week. Second half-year]
Principles of physical and structural geology; seismology and elementary stratigraphy. Petrology and mineralogy of the common rocks, rock groups and rock forming minerals. Geologic surveying and mapping. Geology of water supply and the general application of geology of Civil Engineering.

52.141 Structures
[Two lectures and one tutorial per week]
Analysis of determinate structures; introduction to the analysis of indeterminate structures; appreciation of structural systems.

52.151 Surveying
[Two lectures and one tutorial per week. First half-year]
Introduction to surveying for civil engineers.

52.200 Mechanics and Properties of Materials I

52.201 Civil Engineering Design IA
Introduction to the design of civil engineering works. Numerical and graphical methods of calculation.

52.202 Highway Engineering and Planning

52.210 Structures II
Analysis of indeterminate structures; slope deflection equations, moment distribution for single and multiple sway structures; arch analysis; column analogy; energy theorems; influence lines; approximate methods for indeterminate structures.

1980 Calendar
52.231 Civil Engineering Design IB
Design of the elements of structures in various materials.

52.250 Fluid Mechanics II

52.260 Geomechanics I

52.270 Engineering Design IIM

52.301 Civil Engineering Design IIA
Design of concrete and steel structures, including continuous structures.

52.310 Fluid Mechanics IIIA
Introduction to hydrology, precipitation, interception, evaporation, transpiration, infiltration, groundwater, runoff and hydrographs, storage, flood estimation and flood routing. Loose boundary hydraulics. Elements of river control work. Introduction to concepts of coastal engineering.

52.320 Geomechanics IIA

52.330 Mechanics and Properties of Materials IIA
Theory of design of reinforced and prestressed concrete. Concrete technology, experimental stress analysis, the structure and properties of selected materials used in civil engineering.

52.340 Structures IIIA

52.350 Civil Engineering Administration
Contract law and procedure, preparation and administration of civil engineering contracts, introduction to company law and finance, local authority finance, engineering economics, principles of management, construction planning and programming, site and office organisation. Estimating and cost control. Labour legislation and industrial relations. Work study in the construction industry.

52.361 Environmental Health Engineering
Science, technology, legislation and environment. Water and soil management. Water supply, wastewater disposal, refuse disposal and air pollution control.

52.400 Engineering Geology
Geological principles applied to engineering problems.

52.401 Civil Engineering Design IIIB
Design of structures in which seismic loads are important.

52.410 Fluid Mechanics IIIB
Introduction to elements of classical hydrodynamics and potential flow. Analysis of flow through porous media. Analysis of water surface waves and wave forces. Selected topics from open channel flow, unsteady flow, tidal hydraulics, dispersion in water and atmosphere, loose boundary hydraulics, theory of turbulence.
52.411 Geodesy and Astronomy
The figure of the earth; calculation of geodetic positions; calculation of geodetic latitude and longitude; rectangular spherical co-ordinates; transverse mercator co-ordinate; map projections.
The celestial sphere; spherical trigonometry and the solution of spherical triangles; definition of astronomical terms; classification of stars; the sun; time; observation procedure; reduction of observations; determination of time; determination of azimuth; determination of latitude; determination of longitude; position lines.

52.420 Geomechanics IIB
Numerical methods applied to steady and transient fluid flow in soils. Soil dynamics applied to earthquake engineering and foundation vibrations. Earth and rockfill dams: design and construction. Soil-structure interaction: beams on elastic foundations, flexible bulkheads, etc; bins, silos and conduits; design loadings. Computer oriented design methods.

52.440 Mechanics and Properties of Materials IIB

52.470 Structures IIB
Advanced matrix methods for structural analysis; finite element method for two and three dimensional problems in plane stress and plate bending; non linear analysis of structures; structural synthesis; application of digital computers; analysis of specific structural types.

52.412 Traffic Systems Design
Signal control design and linking, traffic operation and management techniques, environmental considerations, human factors and traffic safety, traffic control devices, intersection design, traffic flow and queueing theory applications, cost-benefit analysis, economics of road improvements, heavy pavement design and strengthening techniques, traffic and town planning, data surveys, urban systems planning, transport and land use modelling, evaluation procedures.

52.413 Water Quality Engineering
Chemistry and microbiology of water. Unit operations and process design in water and wastewater treatment. Engineering management of natural water quality.

52.460 Special Topic in Civil Engineering

52.500 Water Resources Engineering
Additional topics in hydrology, meteorology and related sciences. Planning of water resources. Principles of hydraulic engineering as applied to river control, drainage and irrigation, water supply and storage. Selected topics of coastal, and oceanic engineering. Project work forms a central part of all the above course work.

53.111 Electrical Engineering IG
[Three lectures and one tutorial per week. Second half-year]
An introductory course, with principal emphasis on electric circuit theory and electronics.

53.121 Networks
[Two lectures in the first half-year, one in the second half-year and one tutorial per week]

53.131 Electronics I
[Two lectures and one tutorial per week. Second half-year]
Electronics: Basic device principles. Application of junction diodes in power supplies. Theoretical and practical considerations of transistors as amplifiers.

53.141 Power Apparatus and Systems I
[Two lectures and one tutorial per week. First half-year]
53.201 Electrical Engineering IIA
Applications of Laplace Transforms.
Digital Systems: Basic logic elements. Concept of finite states and the general finite state
machines. Logic system synthesis.

53.202 Electrical Engineering IIB
Electrical Machines. The magnetic circuit. The single-phase transformer. Introduction to the
induction motor.
Introduction to Electrical Engineering Systems:
Power Systems: Three-phase A.C. systems; interpretation of active and reactive power; charac-
teristics of generating sources and of loads.
Communication Systems: Transmission of information; forms of modulation; noise theory.

53.203 Electrical Engineering Design I
Electric wiring conventions and regulations. Protection against damage and electric shock.
Printed circuit techniques. Application of the principles of engineering science to the design of
electrical and electro-mechanical components. The properties and selection of materials. The
engineering approach to design. Problem definition and block-diagramming. Electric field
plotting techniques in design. The Digital computer as a design tool. The use of logic elements.

53.210 Control Systems I
Analysis of linear control systems. Stability criteria. Design methods based on Nyquist, Bode,

53.220 Electromagnetic Fields I
Static electric and magnetic fields. Methods of solution of engineering static field problems.
Fundamentals of dynamic fields; energy; simple plane waves; skin effect.

53.230 Electronics I
Introduction to the physics of semiconductor devices.
Characteristics and performance of diodes, thyristors, junction transistors, field effect devices.
Small signal amplifier theory, introduction to feedback systems, direct-coupled amplifiers.

53.240 Utilization of Electricity I
Introduction of principles of energy conversion. Generator and motor action and operation.
Characteristics of D.C. machines. The machine as an amplifier. Cross field machines. Polyphase
systems. Production of rotating field. Induction and synchronous machines. Field form and
wave form.
The transformer equivalent circuit. Use of normalised quantities.

53.250 Electrical Engineering IIS
Electronic devices, small signal amplifier theory. Network analysis, transfer functions. Ana-
logue computing systems, simulation. Electronic logic elements, digital systems. Hybrid com-
putation. Electromagnetic field theory.

53.300 Electronics II
Generalised small signal analysis of single and multi-stage circuits. Feedback principles and
stability considerations; oscillators, switching circuits, tuned voltage, amplifiers, voltage regu-
lator circuits, wide band amplifiers.
Power amplifiers; operation, design, and thermal stability.
Modulation, demodulation and frequency changing. Noise, noise figure measurements and
calculations.

53.310 Transmission Lines and Circuits
Coupling networks: filters and attenuators. Transmission lines: response to surges, response to
A-C from power frequencies to UHF. Wave guides.

53.320 Utilization of Electricity II
Transformers, polyphase and multi-winding. Harmonic phenomena.
Induction motors, polyphase and single-phase. Starting speed control and general character-
istics. Variable speed drives — motor characteristics.
Synchronous machines, equivalent circuits.
Rectifiers: mercury arc and solid state.

53.330 Electrical Design.
Detailed treatment of some aspects of design relevant to the synthesis of electrical systems.

53.340 Project in Electrical Engineering
A student is required to submit a report on project work carried out on a topic assigned by the Head of the Department of Electrical Engineering. The work shall be supervised by a member of the staff. The report shall carry the weight of two papers.

53.400 Applied Network Synthesis
A detailed study of both passive and active network transfer functions. Emphasis on low-pass and band-pass networks for amplifiers, oscillators, and other instrumentation used in industry and for research. Introduction to irrational transfer functions, and to active negative impedance converts and gyrators.

53.410 Communications

53.420 Control Systems II
Introduction to modern control theory and applications. State space description of dynamic systems and solutions of the state equation. Examples of multivariable feedback and time optimal switched systems using this formulation. Computer control basics including analogue/digital conversion, digital control algorithms and microprocessor devices.

53.430 Electromagnetic Fields II

53.440 Power Systems

53.450 Semiconductors

53.460 Special Topic in Electrical Engineering
An advanced course on a topic to be determined each year by the Head of the Department of Electrical Engineering.

53.470 Applied Electricity
A course on electrical and electronic components and circuits leading to the study of industrial instrumentation, control systems and applications of electrical energy.

54.111 Engineering Mathematics I
[Two lectures and one tutorial per week]
Elementary transcendental functions of a real variable, with a brief introduction to complex arguments, representation in rectangular and polar co-ordinates, curve sketching. Differential calculus of one variable, Leibniz theorem, mean values, Taylor's theorem, power series, limiting values, partial differentiation. Integral calculus of one variable, improper integrals. Ordinary differential equations, isoclines, first order homogeneous and linear kinds, second order constant coefficient, simultaneous equations. Linear algebra, solvability of sets of equations, matrix notations and operations, homogeneous equations, numerical methods of solution by elimination and iteration. Statistical and probabilistic methods, sampling theory, estimation and confidence intervals, regression and correlation, experimental data analysis; all with Engineering applications. Course in computer programming with exercises.
Faculty of Engineering, Prescriptions, BE

54.112 Engineering Mathematics IS
[Two lectures in the first half-year, three in the second half-year and one tutorial per week]
As for 54.111 Engineering Mathematics I, plus:
Introductory Computer modelling.

54.200 Engineering Mathematics II

54.210 Computational Techniques I
Numerical analysis and algorithms extending the work done in Engineering Mathematics I and II and applied to the solution of engineering problems. Topics discussed will include: solution of large linear systems, solution of partial differential equations, stability analysis, error analysis etc. Familiarity with computer programming will be assumed.

54.220 Continuum Mechanics I

54.230 Systems Analysis
Optimization techniques, brief review of classical and modern methods, Linear programming, graphical interpretation, theory of Simplex procedure, duality theory, transportation and allocation algorithms, all with applications. Computer simulation, models of single and multichannel processes, applications to such problems as inventory control, repair and breakdown, facility allocation, traffic problems.

54.240 Engineering Mathematics IIS
The course material of Engineering Mathematics II augmented by a selection of topics such as Fourier transforms, special functions.

54.300 Continuum Mechanics II
(a) Solid mechanics including elastostatics, elastodynamics, thermoelasticity, plasticity and viscoelasticity.
(b) Fluid dynamics including potential flow, vorticity dynamics, boundary layer analysis and an introduction to compressible flow, turbulent flow and hydrodynamic stability.

54.310 Engineering Mathematics IIS
Selected topics such as complex variable theory, calculus of variations, transform theory.

54.320 Statistics and Random Processes
Probability distributions of one and many variables, marginal and conditional distributions, change of variable(s); sampling theory, sums, differences, and sums of squares of normal variates, hypothesis testing, parameter estimation, analysis of variance, design of statistical tests, correlation and regression, non-parametric tests. Introduction to time-series analysis, ideas, stationarity, ergodicity, Fourier transforms, harmonic analysis, autocorrelation, power spectral density, applications to problems such as random vibration, communication theory, turbulence.

54.340 Topics in Engineering Mathematics
Advanced methods of engineering mathematics including topics such as the theory of ordinary differential equations with application to control theory and optimal control, the theory of partial differential equations, wave propagation, perturbation methods, advanced numerical analysis.

54.350 Computational Techniques II
Selected topics in numerical analysis and algorithms relevant to the solution of engineering problems such as finite element techniques, optimisation, fast Fourier transforms, numerical solution of partial differential equations, data handling, computer languages.
Faculty of Engineering, Prescriptions, BE

54.400 Mechanics of Structures
Such topics as the static, stability and dynamic analysis of framed structures, shells, membrane and cable structures.
Assignments will require a reasonable facility at computer programming.

54.410 Project in Engineering Science
A student is required to submit a report on project work carried out on a topic assigned by the Head of Department of Theoretical and Applied Mechanics. The work shall be supervised by a member of the staff. The report shall carry the weight of one paper.

54.420 Special Topic in Engineering Science "A"
Advanced courses on a topic to be determined each semester by the Head of the Department of Theoretical and Applied Mechanics.

54.430 Continuum Mechanics III
An advanced treatment of selected topics in solid mechanics and fluid mechanics.

54.440 Control Theory
Introduction to modern control theory and applications. State space description of dynamic systems and solutions of the state equation. Examples of multivariable feedback and time optimal switched systems using this formulation. Computer control basics including analogue/digital conversion, digital control algorithms and microprocessor devices.

54.460 Special Topic in Engineering Science B
Advanced courses on a topic to be determined each semester by the Head of Department of Theoretical and Applied Mechanics.

54.470 Engineering Mathematics III
A course in mathematical methods similar in scope to Engineering Mathematics III and intended primarily as a service course for students not taking Engineering Science options.

55.101 Engineering Mechanics II
[Three lectures and one tutorial per week. First half-year]

55.102 Mechanical Engineering IE
[Three lectures and one tutorial per week. Second half-year]
Introduction to the fundamentals of thermodynamics, power cycles and heat transfer. Elementary stress analysis. Miscellaneous topics.

55.111 Thermodynamics and Fluid Mechanics I
[Three lectures and one tutorial per week]
Thermodynamic variables, thermostatics and hydrostatics. Integral equations of conservation of mass, momentum and energy, equations of state. Applications to turbomachinery, power and refrigeration cycles.

55.200 Mechanics of Materials II
Three dimensional state of stress at a point. Theories of failure, strain measurement and experimental stress analysis, analysis of simple engineering configurations for elastic and elastic-plastic behaviour. Statically indeterminate beams.

55.210 Production Technology I
A survey of metal forming processes.
An introduction to the casting process including metallurgical and thermodynamic considerations, casting design and quality control, casting economics and the choice of casting and moulding methods.
An introduction to metal cutting and the optimisation of the process.

55.220 Thermodynamics II
A course in classical thermodynamics and applications in mechanical engineering. Thermodynamic relations, energy conversion, mixtures and solutions. Advanced power and refrigeration cycles, heat transfer.
55.230 Mechanical Engineering Design I
The application of the principles of mechanics to the design of mechanical components. Selection of materials, failure theories and design stresses, limits and fits. Design of mechanical components, including shafts, bearings, power transmission, friction devices and fastenings.

55.240 Theory of Machines
The kinematic and dynamic analysis of machines and machine elements. Vibrations, an introduction to control theory.

55.260 Engineering Design II
The application of the principles of mechanics to the design of mechanical and structural components. Mohr's circle and failure theories. Analysis of simple structures. The engineering approach to design. Design stresses and selection of materials, design of mechanical components, including shafts, bearings, friction devices and fastenings. Design of simple beams, trusses and reinforced concrete beams.

55.280 Fluid Mechanics IIM
General equations of fluid flow in three dimensions. Laminar viscous flows, including lubrication theory and laminar boundary layers. Turbulence and turbulent flows in boundary layers, pipes and ducts. Introduction to pumps, fans and turbines. Elements of wing theory.

55.300 Industrial Administration
Company formation, financing and organisation. Management, leadership, motivation and communications. Managerial control in marketing, production, personnel, finance and EDP. Industrial relations. Project evaluations.

55.310 Mechanical Engineering Design II
The concept, design and specification of machines, mechanical plant and structures.

55.320 Mechanical Design Project
A mechanical design project on a topic or topics to be determined by the Head of the Department of Mechanical Engineering.

55.330 Project in Mechanical Engineering
A student is required to submit a report on project work carried out on a topic assigned by the Head of Department of Mechanical Engineering. The work shall be supervised by a member of the staff. The report shall carry the weight of two papers.

55.400 Control Engineering

55.410 Fluid Dynamics and Heat Transfer

55.420 Mechanics of Materials IIIA
A senior course dealing with the mechanical behaviour and properties of materials, strongly biased towards mechanical engineering practice. Topics such as: strengthening mechanisms, elastic stress analysis, stress concentrations, plasticity, fracture, fracture toughness, residual stresses, creep, limit analysis, selection of engineering materials. Case studies.

55.430 Acoustics and Vibrations
The nature and effects of noise and vibrations. Vibrations of continuous systems, including plates and membranes. Control at the source by design and control of transmission. Techniques and apparatus for measurement. Human factors. Case studies.

55.440 Applied Aerodynamics
Wing theory, aircraft performance and stability, VSTOL and STOL aircraft, ground effect
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55.450 Applied Thermodynamics
Application of the principles of thermodynamics to the design of refrigeration, heating and airconditioning plant.
Energy Conversion and its economics.
Design of heat exchangers.

55.510 Engineering Economics
A course intended to familiarize the student with the financial aspects of engineering management. Emphasis will be placed on topics such as alternative forms of costing, budgeting and profit planning, breakeven analysis, transfer pricing, replacement and maintenance policies, make or buy decisions and project cost estimation.
Techniques of evaluating project and capital equipment expenditure, including consideration of the sociological and environmental factors, will be studied, for both private and public sector investments.

55.460 Industrial Engineering
A course designed to introduce the student to industrial problems, and the techniques used to solve these. Aimed at effective productivity management in manufacturing, the course considers both human and technological aspects, such as work study, ergonomics, job evaluation, wage incentive schemes, automation and manufacturing systems, network and other planning techniques, value engineering, product rationalisation, plant layout and materials handling, terotechnology, quality control, and the statistical design of experiments.

55.470 Nuclear Engineering
An introduction to the basic concepts of nuclear reactor analysis and the application of reactor theory, various engineering principles, and computer methods to problems of nuclear power system design, management, and safety analysis. Illustration of principle of criticality using thermal neutron theory; slowing-down theory and resonance absorption — Fermi Age theory. Theory of neutron moderation and multi-group neutral diffusion theory; heterogeneous reactor theory. Elementary control theory and the coupling of core dynamics with heat transfer, fluid flow, heat exchangers, pumps, and turbines. Principles of safety evaluation of a nuclear power system.

55.480 Production Technology II

55.490 Mechanics of Materials IIIA
A senior course dealing with the mechanical behaviour and stress analysis of machine components and other mechanical engineering configurations. Topics such as: rotating discs, flat plates, pressure vessels, beams on elastic foundations, buckling of beams and columns, torsion and bending of thin-walled section, thermal stresses, stress waves in solids, experimental stress analysis, non-destructive testing. Case studies from engineering practice.

55.500 Special Topic in Mechanical Engineering
An advanced course on a topic to be determined each year by the Head of the Department of Mechanical Engineering.

Practical Work
(1) By the end of the First Professional Year all students are required to have completed to the approval of the Faculty a course in Workshop Practice. Students who have attended similar courses elsewhere before enrolling at Auckland may apply to the Faculty for approval of such courses.
(2) Before graduation students shall obtain approved practical experience in workshops or in engineering works for a minimum period of 1200 hours. This is expected to be undertaken during the summer vacation. Overtime up to 10 hours per week on suitable work may be allowed.

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At least 320 hours must be spent in general engineering workshops; this should be completed before entering the Second Professional Year.

Mechanical engineering students may put in the whole of their practical time in engineering workshops, or may use some of this time in obtaining subprofessional experience, for example, in a drawing office. However, Mechanical students should bear in mind that the Institution of Mechanical Engineers requires a minimum of eighteen months of workshop experience before accepting an application for Corporate Membership.

Students in Chemical and Materials Engineering may put in up to 600 hours in general engineering workshops. They must put in not fewer than 600 hours in approved plants or laboratories operating in the chemical engineering or materials engineering field. The work in such plants or laboratories may be of a subprofessional nature, for example work as a technician in analytical or quality-control laboratories associated with a processing industry.

Other students may carry out further work in engineering workshops or may obtain experience appropriate to their specialised fields. Some of the remaining time may be spent in gaining subprofessional experience such as surveying field work in the case of Civil Engineering students. Every student should normally have completed the first two periods of his practical work before completing the academic requirements of the degree.

(3) The approval of the Faculty of any proposed practical work must be obtained before its commencement. Students are advised to obtain as wide experience as possible in practical work and therefore approval will not normally be given for more than one period in a particular workshop or works.

(4) At the conclusion of each period of practical work each student must submit to Faculty: (a) a certificate signed by his employer showing the actual number of hours worked in ordinary time and also of overtime, and the type of work on which he has been engaged; (b) a full report by the student on the work done and the observations made. These reports will be graded and may be taken into account in recommending scholarships and other awards. Official certificates and instructions on the form of the report may be obtained from the School office.

The due date for handing in practical work reports shall be the July 31 immediately following the completion of the particular work period. If a report is not submitted by this date then that work period will not be recognised except under exceptional circumstances. For final reports submitted after March 1, it is unlikely that students will be able to graduate at the graduation ceremony of that year.

(5) A student who by virtue of exempting qualifications is admitted to an engineering course at a stage later than First Professional must fulfil the requirements of these regulations, with the exception that clause (1) relating to a course in Workshop Practice may be waived.

(6) Faculty may, however, approve work of an engineering nature carried out by a student before enrolling for Engineering. Faculty may also approve previous work, not exceeding 250 hours, of a general nature other than engineering. In all cases where approval is sought for work carried out before enrolling for an engineering course, a student must make application to Faculty in writing before 1 April of the year of the first enrolment in that course. Faculty may require certificates and a full report on such work before approval is considered.

Laboratory and Field Work

1. Laboratory work related to subjects of the First and Second Professional Years of the course is undertaken in integrated programmes designated First Professional Laboratories and Second Professional Laboratories.

2. In order to gain the formal recognition of having completed the laboratory work necessary for admission to the degree, a candidate shall attend the First Professional Laboratory and Second Professional Laboratory courses, carry out the experiments and submit reports, to a required standard.

3. Laboratory work related to subjects of the Third Professional year is an integral part of each subject. A candidate's satisfactory attendance and performance, including the submission of reports, forms a part of the requirement for a pass in each subject.

4. Candidates taking the subjects Surveying and Highway Engineering and Planning shall, to a required standard, undertake Field Work, including the submission of reports.

††Not all electives will be available in a given semester.
**††PRESCRIPTIONS FOR ME**

**51.700 Advanced Materials**
An advanced course on selected topics in materials science or materials engineering.

**51.710 Advanced Process Control**

**51.720 Chemical Engineering Seminar**
A graduate course on a topic or topics from the advanced fields of fluid mechanics, transport phenomena, heat transfer, particulate technology, chemical reactors and fuel technology.

**51.730 Materials Seminar**
A graduate course on a topic or topics in the field of materials to be determined each year by the Head of the Department of Chemical and Materials Engineering.

**51.740 Studies in Chemical Engineering**
An advanced course on topics to be determined each year by the Head of the Department of Chemical and Materials Engineering.

**51.750 Studies in Materials Engineering**
An advanced course on topics to be determined each year by the Head of the Department of Chemical and Materials Engineering.

**52.700 Earthquake Engineering**

**52.710 Fluid Mechanics Seminar**
Special topics selected from fluid dynamics, water-resources engineering, statistics and numerical methods.

**52.720 Geomechanics Seminar**
Advanced studies of recent developments in theoretical soil mechanics.

**52.730 Mechanics and Properties of Materials Seminar**
Special topics selected from recent developments in the mechanics and properties of selected materials used in civil engineering.

**52.740 Public Health Engineering Seminar**
Selected topics from water and wastewater engineering pollution control.

**52.750 Structural Dynamics**

**52.760 Structures Seminar**
Selected topics from recent developments in structural analysis and design.

**52.770 Transportation Engineering Seminar**
Selected topics from recent developments in the planning and design of transport facilities and systems.

**52.780 Transportation Planning**

**25.313 Environmental Law**
See prescriptions for LLB.
52.790 Transportation Systems Analysis
Selected analytical techniques taken from: probability and statistics, queuing theory, simulation, linear and dynamic programming, network flow and allocation algorithms, and applied to the planning and design of transport facilities. Characteristics of transport systems and urban structure. Economic evaluation of transport projects. Transport systems planning techniques applied to urban planning.

52.800 Special Seminar in Civil Engineering
An advanced course on a topic to be determined each year by the Head of the Department of Civil Engineering.

52.810 Structural Analysis
Analytical methods for some or all of the following structures: space frames and grids, shear wall systems, folded plant structures, bridge superstructures. Solution techniques will include approximate methods, matrix and computer methods. Optimisation techniques and computer-aided design may also be included.

52.820 Space Structures
Selected topics in the analysis of space structures such as cable structures, plate and shell structures. Special consideration for stability, elasticity and plasticity may also be included.

52.860 Advanced Fluid Mechanics
Selected topics from applied fluid mechanics and hydraulics.

52.870 Coastal Engineering
Waves, wave theories, wave forces on structures. Breakers, tsunamis, flow induced oscillations, resonance problems, tidal estuaries. Sediment transport by waves. Topics from coastal and harbour engineering.

52.880 Advanced Water Resources Engineering
Selected topics from hydrology and water resources engineering.

52.890 Applied Geomechanics
Application of the principles of soil mechanics, rock mechanics and engineering geology to practical problems in civil engineering.

52.900 Earth Structures
The stability, deformation, design and construction of earth structures.

52.910 Traffic Engineering
Design and capacity of highways and intersections, motorways and interchanges, weaving sections and rotaries. Traffic control and safety. Accident studies and analyses. Co-ordination of traffic signals and area traffic control. Travel and delay studies. Planning and design for pedestrian and vehicular traffic. Large-scale parking.

52.920 Structural Design
Design philosophies. Special considerations in steel, reinforced concrete, prestressed concrete and masonry structural design. The background to and the use of design codes.

53.700 Advanced Control Systems
Theory of modern control systems with emphasis on optimization techniques for both deterministic and stochastic processes. State space modelling of dynamic systems and choice of suitable performance criteria. Examples of applications and discussion of computational problems.

53.710 Advanced Electrical Engineering
An advanced course on selected topics in Electrical Engineering.

53.720 Electromagnetic Theory
Selected topics in electromagnetic theory. The emphasis is on mathematical analysis.

53.730 Heavy Current Electronics
Selected topics in the utilisation of thyristor devices in industrial electrical engineering applications.

53.740 Microprocessors and Minicomputers
Review of computer basics including number representation, logical and arithmetic operations,
A/D and D/A conversion, computer architecture. Programming systems for small computers, input-output, interrupts instruction sets. Applications in the fields of signal processing, communications, control, data logging.

53.750 Studies in Electrical Engineering
An advanced course on a topic to be determined each year by the Head of the Department of Electrical Engineering.

53.760 Computer Aided Network Analysis
Computer simulation of active and passive networks.

54.700 Studies in Engineering Mathematics
A graduate course in Mathematics applied to Engineering problems on such topics as the theory of ordinary differential equations, partial differential equations, perturbation methods, advanced numerical analysis, etc.

54.710 Studies in Engineering Science
A graduate course on topics to be determined each year by the Head of the Department of Theoretical and Applied Mechanics.

54.720 Studies in Control Theory
A graduate course in modern Control Theory including such topics as optimal control, stochastic and nonlinear systems.

54.730 Studies in Continuum Mechanics A

54.740 Studies in Continuum Mechanics B
Graduate courses in Continuum Mechanics covering topics in the mechanics of solids and fluids and other continua.

54.750 Finite Element Methods
A graduate course on finite element formulations and application to problems such as stress analysis, seepage, dynamics, stability, temperature stress, freezing. A background such as that gained in Computational Techniques II or Structures IIIB would be desirable.

54.760 Studies in Operations Research A

54.770 Studies in Operations Research B
Graduate courses in recent developments in Operations Research and applications.

54.780 Advanced Systems Analysis
A graduate course on a selection of topics from systems analysis and operations research. This subject cannot be credited if 54.23 or 54.45 have previously been credited towards a degree.

54.790 Random Processes
A graduate course in the theory and application of discrete and continuous random processes including topics such as queueing models, Markov processes, information theory, Monte Carlo simulation, turbulence and random vibration.

55.700 Advanced Mechanical Engineering
A course of lectures and directed reading on particular topics in mechanical engineering allied to the thesis subjects of students taking the ME degree.

55.710 Advanced Applied Aerodynamics
Selected topics such as aerofoil theory, turbulence, boundary layers; aerodynamic machines, natural aerodynamics, industrial aerodynamics, gas dynamics. Experimental methods.

55.720 Advanced Mechanics of Materials
Study of selected topics in the nature, mechanical behaviour and properties of materials, with particular relevance to industrial production processes.

55.730 Advanced Production Technology
Selected topics from process metallurgy including casting, welding, metal forming and heat treatment; production specification, inspection and quality control; metal removal processes and optimisation; advanced machine and process control systems.

55.740 Productivity Management
The course will consist of two major sections. The first will alert the student to the human-
relations requirements for an increase in industrial productivity. The second will be concerned with the techniques and the important peripheral matters necessary for planned productivity improvements.

55.750 Studies in Mechanical Engineering
A course of lectures and directed reading in a topic to be determined each year by the Head of the Department of Mechanical Engineering. 1980; To be announced.

86.100 Geothermal Systems and Technology
86.103 Geothermal Production Technology
86.104 Geothermal Energy Utilisation

86.106 A project on some aspect of Geothermal Energy
50.700, 50.710, 50.720, 50.730 Project A, B, C, D
A candidate may take the equivalent of three single paper projects. For example, he may take Projects A, B and C, or Project D and one of Projects A, B and C. He is required to submit a report on each project carried out. These projects may include design studies, a survey and evaluation of modern advances in a branch of engineering, a small experimental or theoretical research project, the development of a new design procedure, the development of a computer package.

†† Not all electives will be available in a given year.

Professional Institution Courses
Candidates for the examinations of the Council of Engineering Institutions may take Courses selected from the BE syllabus. Prospective candidates should consult the Dean of the Faculty before planning their Course.
Faculty of Fine Arts

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DEGREE COURSE REGULATIONS

THE DEGREE OF BACHELOR OF FINE ARTS

BFA OPTION I AND OPTION II

The personal Course of study of every candidate must be approved by the Senate. Approval will normally be granted for courses which are in accordance with the following regulations: for general provisions affecting their Courses of study students are referred to the Enrolment and Course Regulations (General), the Terms Regulations, and the Examination Regulations.

General Provisions
1. Subject to the Admission Ad Eundem Statum Regulations, a candidate for the Degree of Bachelor of Fine Arts shall
   (a) follow a course of study of not fewer than four years, taking either Option I or Option II prescribed in these regulations and
   (b) pass four Professional Examinations.
2. In these Regulations:
   ‘Papers’ includes Studio I, Studio II, Studio III and Studio IV.
   ‘Prescribed or approved papers’ in relation to any candidate means the following papers:
   Studio Theory: 27.201-27.208, 27.211-27.216, 27.301
   Any other paper (or the equivalent credits)
   (i) prescribed for the Degree of BA, BSc or any other Degree and
   (ii) approved by the Head of the Department of Fine Arts for the course of that candidate for this Degree and by the Head of the Department in which the paper is taken.
3. The subjects of Examination for the Degree shall be:

Option I
First Professional Examination 6 papers, consisting of
(i) Studio I: 27.150 having the value of 4 papers, and
(ii) Art History I: 19.151, 19.152.
Second Professional Examination 9 papers, consisting of:
Either (a) (i) Studio II: 27.250 having the value of 6 papers and
   (ii) three prescribed or approved papers.
   Or (b) (i) Studio II: 27.251 having the value of 7 papers and
   (ii) Two prescribed or approved papers.
Third Professional Examination 9 papers, consisting of:
Either (a) (i) Studio III: 27.350 having the value of 6 papers and
   (ii) Three prescribed or approved papers.
   Or (b) (i) Studio III: 27.351 having the value of 7 papers and
   (ii) Two prescribed or approved papers.
Fourth Professional Examination 9 papers, consisting of:
Either (a) Studio IV: 27.450 having the value of 9 papers.
   Or (b) Studio IV: 27.451 having the value of 7 papers and any two papers in Studio Theory 27.201-27.208, 27.211-27.216.

Option II
First Professional Examination 6 papers, consisting of:
(i) Studio I: 27.151 having the value of 4 papers; and
(ii) Art History I: 19.151, 19.152.
Second Professional Examination 9 papers, consisting of:
Either (a) (i) Studio II: 27.252 having the value of 3 papers; and
   (ii) Six prescribed or approved papers.
   Or (b) (i) Studio II: 27.253 having the value of 4 papers; and
   (ii) Five prescribed or approved papers.
Third Professional Examination 9 papers, consisting of:
Either (a) (i) Studio III: 27.352 having the value of 3 papers; and
   (ii) Six prescribed or approved papers.
   Or (b) (i) Studio III: 27.352 having the value of 4 papers; and
   (ii) Five prescribed or approved papers.
Fourth Professional Examination 9 papers, consisting of:
(i) Studio IV: 27.452 having the value of 6 papers; and
(ii) Three prescribed or approved papers.

**Studio**

4. In each Professional year work for Studio shall consist of:
   (a) a formal submission of work at the conclusion of each study period; and
   (b) a final formal submission of work; which may include written examination papers, as required by the Dean of the Faculty.

5. A candidate shall be required to pass as a whole each Professional Examination consisting of more than one subject, so that his performance in all the papers of the Examination shall be considered; provided that
   (a) a candidate who has failed to pass any such Examination as a whole may, at the discretion of the Senate, be credited with a paper or papers of that Examination, and permitted in a subsequent year to take the papers not so credited; and
   (b) a candidate who does not pass the Second Professional Examination as a whole, but is credited with a paper or papers of that Examination may, if the Senate permits, take with the papers being re-presented for that Examination a paper or papers for the Third Professional Examination.

6. In respect of every prescribed or approved paper prescribed for a Degree other than this (that is, every paper taken for this Degree other than Studio I, II, III and IV and the papers in Studio Theory) a candidate shall be required to comply with all regulations applicable thereto for the Degree of BA, BSc or other Degree (including all prerequisites, corequisites and restrictions).

**Revocations Transitional Savings**

7.(1) Except as otherwise provided in this Regulation the course of every candidate shall be governed by these Regulations.

(2) The Regulations governing the Degree of Bachelor of Fine Arts (called "the old degree regulations") last published in the University of Auckland Calendar for 1974 are hereby revoked.

(3) Subject to paragraphs (4) and (5) of these Regulations, the Regulations governing the Diploma in Fine Arts and the Diploma in Fine Arts (Honours) respectively, last published in the University of Auckland Calendar for 1974 (called "the old diploma regulations"), are hereby revoked.

(4) Every candidate who enrolled for the Diploma in Fine Arts in a year before 1974
   (a) shall complete his course for that Diploma under the old diploma regulations applicable to it and
   (b) may take the course for the Diploma in Fine Arts with Honours under the old diploma regulations applicable to it:

   provided that in the case of each of the papers Art History II 19.257, Art History III 19.306, and Art History IV 19.404 (in which he has not already passed) he shall take a paper in Studio Theory instead of that paper.

(5) Every candidate who first enrolled for the Diploma in Fine Arts in 1974 may at his option either proceed under paragraph (4) of this Regulation (as if he had enrolled before that year) or transfer to a course under these present regulations for the Degree of Bachelor of Fine Arts.

(6) A candidate who first enrolled for the Degree of Bachelor of Fine Arts before 1975 but has not completed the course under the old degree regulations shall be entitled to the following credits:
   (a) Each paper in Art History passed under the old degree regulations shall be credited under these present regulations.
   (b) Each paper (other than an Art History paper) prescribed for the degree of BA passed for the Intermediate Examination under the old degree regulations shall be credited as a prescribed or approved paper.
   (c) Where the candidate chooses Option I —
      (i) a pass in Studio I under the old degree regulations shall be credited as a pass in Studio I and Studio II
      (ii) passes in Studio I and Studio II under the old degree regulations shall be credited as passes in Studio I, Studio II and Studio III.
   (d) Where the candidate chooses Option II —
      (i) a pass in Studio I under the old degree regulations shall be credited as a pass in Studio I, Studio II, and Studio III.
Faculty of Fine Arts, Degree Regulations, MFA

(ii) passes in Studio I and Studio II under the old degree regulations shall be credited as passes in Studio I, Studio II, Studio III, and Studio IV.

(7) A candidate who first enrolled for the Diploma of Fine Arts in 1974 and has elected to transfer to a course under these present regulations shall be entitled to the following credits:
(a) Where the candidate chooses Option I —
(i) a pass in Studio I under the old diploma regulations shall be credited as a pass in Studio I
(ii) a pass in Art History I 19.153 under the old diploma regulations shall be credited as a pass in a paper in Studio Theory.
(b) Where the candidate chooses Option II —
(i) a pass in Studio I under the old diploma regulations shall be credited as passes in Studio I and Studio II
(ii) a pass in Art History I 19.153 under the old diploma regulations shall be credited as a pass in a paper in Studio Theory.

8. (a) These regulations shall come into force on 1 January 1975.
(b) Paragraphs (4), (5), (6), and (7) of Regulation 7 shall expire 31 December 1980.

THE DEGREE OF MASTER OF FINE ARTS

MFA

The personal Course of study of every candidate must be approved by the Senate. Approval will normally be granted for courses which are in accordance with the following regulations: for general provisions affecting their Courses of study students are referred to the Enrolment and Course Regulations (General), the Terms Regulations, and the Examination Regulations.

General Provisions
1. Subject to the Admission Ad Eundem Statum Regulations, a candidate for the Degree of Master of Fine Arts shall
(a) before his enrolment for this Degree have been admitted or have qualified for admission to the Degree of Bachelor of Fine Arts, and
(b) have passed with a Grade higher than C+ in Studio IV in his Bachelor of Fine Arts course provided that in special circumstances where the Head of Department so recommends the Senate may accept a C+ pass, and
(c) follow a Course of study of not less than two years, taking either of the Options prescribed under these Regulations.

2. In these Regulations:
‘prescribed or approved papers’ in relation to any candidate means the following papers:
Studio Theory
Any paper other than a paper in Art History, prescribed for any Degree other than this Degree and approved by the Head of the Department of Fine Arts for the Course of that candidate and by the Head of the Department in which the paper is taken.

Course Content
3. The subjects of examination for the Degree shall be:

Option I
First Year; Part I: Advanced Studio V Practice and Theory 27.550 having the value of four papers.
Second Year: Part II. Studio VI 27.650 having the value of three papers. A candidate shall carry out work satisfactory to the Dean of the School of Fine Arts within an individually planned programme approved by the Head of the Department including the presentation of an exhibition of his work and an adequate printed catalogue thereof not later than 1 November in the year in which the work is undertaken or such later date as may be approved by the Head of the Department.

Option II
First Year; Part I:
(a) Art History IV: Two papers approved by the Head of the Department of Fine Arts being either two papers chosen from 19.400-19.408 or one paper chosen from 19.400-19.408, and one of the papers prescribed for Art History III not already credited to the Degree of Bachelor of Fine Arts; provided that papers 19.305 and 19.401 may not both be taken for this Degree or
(b) Any two prescribed or approved papers not already credited to the Degree of Bachelor of Fine Arts.

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First Year; Part II: Studio V 27.551 which shall have the value of three papers. A candidate shall carry out work satisfactory to the Dean of the School of Fine Arts within an individually planned programme approved by the Head of the Department including the presentation of an exhibition of his work and an adequate printed catalogue thereof not later than 1 November in the year in which the work is undertaken or such later date as may be approved by the Head of the Department.

Second Year: Part III. One of the following which shall have the value of three papers:
(a) Thesis 19.601 on a special topic of Art History approved by the Head of the Department of Art History, or
(b) Thesis 27.601 on a special topic related to the candidate's programme of work for Studio V and approved by the Head of the Department of Fine Arts.

4. (1) No candidate taking Option I shall take Studio VI without having first passed in Studio V unless the Head of the Department permits the work for Studio V to be examined with the work for Studio VI in the second year of the course.
(2) A candidate taking Option II shall not take Art History IV unless he has either passed 8 papers in Art History including three Stage III papers or complied with such prerequisites as the Head of the Department of Fine Arts may otherwise prescribe for him.
(3) In respect of any prescribed or approved paper taken in Option II and prescribed for a Degree other than this, a candidate shall be required to comply with all Regulations applicable thereto for that other Degree (including all prerequisites, corequisites and restrictions).

Savings and Transitional Provisions
5. (1) Except as otherwise provided in this Regulation, the course of every candidate shall be governed by these Regulations.
(2) The Regulations governing the Degree of Master of Fine Arts which were last published in the University of Auckland Calendar for 1974 (in this Regulation called "the old Regulations") are hereby revoked.
(3) A candidate who began the course for the Degree of Master of Fine Arts in 1974 shall be entitled to the following credits:
(a) If he passed Art History IV and Studio IV under the old Regulations and chooses Option I, he shall be credited with Studio V and one prescribed or approved paper.
(b) If he passed Art History IV under the old Regulations and chooses Option II, he shall be credited with Art History IV.

Honours
6(a) There shall be two classes of Honours: First Class Honours and Second Class Honours. Second Class Honours shall be awarded in two divisions: First Division and Second Division.
(b) Honours shall not be awarded if the papers in the first year in which a candidate is examined in Art History for this Degree are unsatisfactory or if either the work in Studio V, VI, or the thesis at its first presentation is unsatisfactory: provided that, subject to the provisions of paragraph (c) of this Regulation, a candidate whose performance at the written examination has been seriously impaired by illness (certified as under the aegrotat Regulations) may elect, instead of applying for an aegrotat award, to present himself at a subsequent written examination and still be eligible for the award of Honours.
(c) A candidate shall be eligible for the award of Honours only if he completes the requirements for Honours within three years of passing the final subject of his Bachelor's Degree; provided that this period may in special cases be extended by the Senate.
7. These Regulations shall come into force on 1 January 1976.
DEGREE COURSE PRESCRIPTIONS

DEPARTMENT OF ART HISTORY

Art History I

(Two papers).
19.151 Renaissance Art to c.1520
19.152 Western Art from c.1820 to the present day.

Art History II

(Three papers).
19.259 Topics in 18th and early 19th Century Art.
Prerequisites: 19.151, 19.152.

19.260 Topics in Baroque Art

19.261 Topics in 17th and Early 18th Century Art in Northern Europe.

Art History III

(Three papers).
19.301 Special Topic in Medieval Art
To be prescribed by the Head of Department.

19.302 Mid-19th Century Painting in France and Britain

19.304 Durer and his Sources and Influence.

19.305 New Zealand Art (General)

19.306 Special Topic in Western Art after 1500

19.307 Art in the USA, 1945 to the present day

19.308 Topics in early 20th Century Art

Art History for MFA

19.400 Topics in 17th Century Drawing

19.401 Topics in Australian and New Zealand Painting (advanced)

19.402 Special Topic in Western Art before 1600
To be prescribed by the Head of Department.

19.403 Watteau and his Sources and Influence

19.404 Film Studies

19.405 Nicolas Poussin and 17th Century Classicism.
Note: A candidate who has been credited with a pass in 19.303 may not take this paper.

19.406 Art Historiography

19.407 A Topic in Medieval Art
19.408 A Topic in 19th Century Art
* This paper will not be taught during the current Calendar year.
† This paper may not be taught during the current Calendar year unless sufficient staff is available.

SCHOOL OF FINE ARTS
In 1888, by the Will of John Edward Elam, the sum of approximately £6500 was provided to establish in Auckland the Elam School of Art and Design latterly known as the Elam School of Fine Arts. The first premises of the School in 1889 were in the Art Gallery Building. In 1950 the School came under the control of the University and now operates as the School of Fine Arts.

Studio Theory
*27.202 Comparative Studies
A reading/seminar programme concerned with ideas, philosophy and attitudes.

†27.203 Design Methodology
The study of methods used in the collection and collation of information, the recognition, analysis and description of complex problems, and the generation and presentation of solutions.

†27.204 Two-Dimensional Development
The evolution and communication of ideas and information through drawings and diagrams based on formal conventions.

Topics from the development of photography
*27.205 Up to Alfred Stieglitz in Berlin i.e. 19th century
*27.206 From Alfred Stieglitz in America, i.e. 20th century

Topics from the development of motion pictures
†27.207 Up to the End of the Silent Era, and
*27.208 From the Introduction of Sound

Special Topics in painting, sculpture or design approved by the Head of the Department.
††27.201. Special Topic
††27.211 Special Topic
††27.212 Special Topic
††27.213 Special Topic
††27.214 Special Topic
††27.215 Special Topic
††27.216 Special Topic

Notes: * This paper will not be taught during the current Calendar year.
† This paper may not be taught during the current Calendar year.
†† Not all electives will be available in a given year.

†27.301 Professional Practice for Designers
Business methods and procedures commonly used by professional designers; Topics may include:
(a) Preparation of a portfolio; (b) What to expect after graduation; (c) Correspondence; (d) Reports and report writing; (e) Fee structure; (f) Estimating fees, fee letters and contracts; (g) Business structure; (h) Setting up an office; (i) Running an office; (j) Budgeting (overheads etc.); (k) Securing work and clients; (l) Accountants and taxation; (m) Design and the Law; (n) Ethics; (o) Design organisations; (p) Special topics related to the individual student’s requirements.

Studio For BFA
Studio I
Option I 27.150
Option II 27.151
Exploration of those disciplines which are fundamental to the development of the artist and designer. Basic elements of two and three-dimensional design (space, shape, line, rhythm, texture) and the varied properties and qualities of colour and light. The creative potential and characteristic limitations of various media such as wood, stone, plastic, metal, glass and pigment. Methods of techniques such as welding, casting, print-making, painting, and photographic media. Observation and analysis of the structure of the natural world and human environment. Drawing as an expressive means of communication, and as a vital stimulus to personal development.

Studio II
Option I 27.250, 27.251
Option II 27.252, 27.253
Individually planned programme as approved by the Dean of the School of Fine Arts, with content related to the student's requirements, for example, drawing and one or more of the following: painting, sculpture and design. Advanced experimentation in techniques and materials. Design includes Graphic and Industrial Design, and Jewellery. Due to accommodation, Jewellery is limited to 4 students at any one time.

Studio III
Option I 27.350, 27.351
Option II 27.352, 27.353
Development of Studio II in selected fields.

Studio IV
Option I 27.450, 27.451
Option II 27.452
Development of Studio III in selected fields.

Studio for MFA
Studio V
Option I 27.550
Option II 27.551
The candidate's programme shall be a practical performance in some aspect of the fine arts. The proposed programme shall be submitted for approval to the Dean of the School of Fine Arts by 31 March.

Studio VI
Option I 27.650
The work in Studio VI may be in an aspect of the fine arts other than that approved for Studio V. The proposed programme shall be submitted for approval to the Dean of the School of Fine Arts by 31 March.

Thesis for MFA
Option II
Either
19.601
A thesis on a topic in Art History, to be approved by the Head of the Department of Art History. The thesis must be submitted to the Registrar by 1 November.

27.601
A thesis shall embody the results obtained by the candidate of an original investigation or advanced study relative to the candidates programme in Studio V. The proposed topic shall be submitted for approval to the Dean of the School of Fine Arts by 31 March.
Faculty of Medicine and Human Biology

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1980 Calendar
SCHOOL OF MEDICINE

The medical Course in the University of Auckland is of six year's duration. The degree of Bachelor of Human Biology (BHB) is awarded upon satisfactory completion of the first three years. Ultimately the course leads to the degrees of Bachelor of Medicine and Bachelor of Surgery (MBChB).

Bachelor of Human Biology

Although subjects for the early years of the course are taught in association with departments of the Faculty of Science the Curriculum has been drawn up as a fully integrated medical Course. During the first year such aspects of Biology, Chemistry and Physics as provide the necessary language and concepts for the understanding of the Medical Sciences are studied. The Behavioural Sciences are introduced and opportunities provided for hospital visits and attendance at case presentations and lectures on selected medical topics. During the second and third years the Course presents a detailed analysis of the normal structure and function of the human organism together with an introduction into the ways in which the intrinsic biological mechanism are disturbed in disease. The course during these two years is presented by the Departments of Anatomy, Pharmacology, Physiology, Biochemistry, Pathology, and Psychology, with assistance from the Clinical Departments. It is over this period that the medical students pursue a child study by following the progress and growth of an individual, new born infant.

Fundamental biochemical and physiological mechanisms — largely expressed at cellular levels — and their structural bases are considered first, followed by a study of the principal organ systems which ensure the continuance of these functions. The study of the locomotor and nervous systems, of the complex control of body activity, metabolism and nutrition, of reproduction and growth, and of fundamental aspects of Pathology form further major units of the course.

Admission to the first year of the course is restricted to those students who intend to complete the six year Course for entry into the medical profession.

Bachelor of Medicine and Bachelor of Surgery

The clinical triennium follows qualification for the award of the Degree of Bachelor of Human Biology. The Auckland Hospital Board has made available for teaching purposes all hospitals under its control; at present instruction has been arranged at the four major hospitals — Auckland Hospital, Green Lane, Middlemore and National Women's. The Waikato Hospital Board also provides teaching facilities at Waikato Hospital for students in Medicine, Surgery and Paediatrics. Subjects to be studied include Medicine, Surgery, Obstetrics and Gynaecology, Paediatrics, Pathology, Psychiatry, Clinical Pharmacology and Community Health together with their main sub-specialities. During their final year Trainee Interns will be expected to undertake some supervised responsibility for the care of patients.

An introductory course of five weeks duration acquaints the students with the art and techniques of interrogating and examining patients. This is followed by a period of study in the hospital wards and outpatients clinics during which the student is given the opportunity to witness the forms in which disease may present itself, and to study the management of disease processes within the general and special fields of modern medicine. Emphasis is placed upon topic teaching by which a particular disease or injury is studied at the one time in all its aspects — medical, surgical, pathological, social, etc.

During the Clinical Course students will spend a proportion of their time in elective studies, that is pursuing in depth, subjects of particular interest to them. They will also serve a period in general practice under the direction of family doctors.

Other Degrees and Diplomas

All departments undertake graduate teaching in medicine for the research degrees of PhD and Master of Medical Science (MMed Sc) or Master of Human Biology (MHB). Opportunities exist to follow the MHB course on completion of the Human Biology course for preclinical subjects, and the MMedSc on completion of the second year for MBChB for clinical subjects. These opportunities allow for research activities during the medical course but, necessarily, prolong it. The Degree of Master of Medical Science replaces the MD and ChM offered by other universities.

In addition diploma courses are offered in the Postgraduate School of Obstetrics and Gynaecology and by the department of Paediatrics. All clinical departments are associated with the
basic and advanced vocational training for the examinations and diplomas offered by the various colleges.

<table>
<thead>
<tr>
<th>Materials Fees (See Fees Regulations)</th>
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<th>for learning material (major texts, tapeslides, reprints and notes) largely provided in the A. V. Carrell.</th>
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<tbody>
<tr>
<td>BHB I, II and III</td>
<td>$10.00</td>
<td>for provision and laundering of white coats.</td>
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<tr>
<td>MBChB I and II</td>
<td>$20.00</td>
<td>Case notes folder (personal property).</td>
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<td>MBChB I and II</td>
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<td>MBChB I</td>
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DEGREE COURSE REGULATIONS

THE DEGREE OF BACHELOR OF HUMAN BIOLOGY

BHB

The personal Course of study of every candidate must be approved by the Senate. Approval will normally be granted for Courses which are in accordance with the following regulations: for general provisions affecting their Courses of study students are referred to the Enrolment and Course Regulations (General), the Terms Regulations and the Examination Regulations.

General Provision
1. Except as provided in the Admission Ad Eundem Statum Regulations a candidate for the degree of Bachelor of Human Biology shall follow a Course of study of not fewer than three years.

Admission
2. (a) Admission to the Course of study in Human Biology shall be at the discretion of the Senate. Application for admission to the Course shall be made to the Registrar in writing before 1 October or such other date as the Senate may determine, of the year preceding that in which the applicant proposes to enrol.

(b) Admission to Part I of the Course of study shall be granted or withheld upon a consideration of the past performance of the applicant at school and in public examinations, and upon an interview where this is required.

(c) In such exceptional circumstances as the Senate may approve or under the Admission Ad Eundem Statum Regulations, admission may be granted to an applicant to Part II or Part III.

Course Content
3. The Course of study shall consist of three Parts. A candidate shall be required to pass as a whole each Part of the Course of study: provided that a candidate, who re-enrols for a Part of the Course of study having failed to pass it as a whole at the first attempt, may be allowed to carry out, to the satisfaction of the Heads of Departments concerned, alternative work in lieu of the work in that Part where his previous performance was satisfactory. For the purpose of assessing the grade of this candidate as a whole for a Part of the Course of study the Senate may approve that the satisfactory pass grade in that previous work be carried forward.

*Normally a B-grade or better.

4. Except as provided in Regulation 2 (c) hereof no candidate shall be permitted to enrol in Part II of the Course until he has passed Part I, or in Part III until he has passed Part II.

5. A candidate shall carry out to the satisfaction of the Senate such practical work in each Part of the Course of study as may be required.

6. The papers prescribed for examination for the Course of study in Human Biology are:

Part I
Biology 60.100, 60.101, 60.102
Physico-Chemistry 60.103, 60.104, 60.105
Behavioural Science I 60.108

Part II
Human Cell and Tissue Biology 60.203, 60.204
Visceral Organ Systems 60.205, 60.206, 60.207
Behavioural Science II 60.208

Part III
General Pathology 60.301
Neurolocomotor Systems 60.302, 60.303
Human Reproduction and Development 60.304
Homeostasis 60.305
Pharmacology 60.306
Behavioural Science III 60.308

7. (a) The Senate may in such exceptional cases as it thinks fit approve a personal Course of study which does not conform to the foregoing Regulations.

(b) Every application for approval under this Regulation shall be submitted by the candidate in writing to the Registrar.

8. These Regulations shall come into force on 1 January 1979.
THE DEGREE OF BACHELOR OF MEDICINE AND BACHELOR OF SURGERY

MBChB

The personal Course of study of every candidate must be approved by the Senate. Approval will normally be granted for Courses which are in accordance with the following regulations: for general provisions affecting their Courses of study students are referred to the Enrolment and Course Regulations (General), the Terms Regulations, and the Examination Regulations.

General Provisions
1. Subject to the Admission Ad Eundem Statum Regulations, a candidate for the Degree of Bachelor of Medicine and Bachelor of Surgery shall before enrolment have qualified for admission to the Degree of Bachelor of Human Biology not more than one academic year previously, except where the Senate otherwise permits.
2. (a) Each candidate shall follow a Course of study of not fewer than three years.
   (b) No candidate shall be permitted to proceed to his second year of study until he has completed, to the satisfaction of the Senate, the work prescribed for his first year.
   (c) Each candidate shall follow his course of study for Year I and Year II continuously and where he fails to do so he may return to his course of study only with the approval of the Senate, and on such conditions as the Senate may determine.
   (d) No candidate shall be permitted to proceed to Year III until he has passed Years I and II as a whole.

Practical Work
3. A candidate shall carry out to the satisfaction of the Senate, such practical and clinical work in each year of the course as may be required.

Course Content
4. The Course shall consist of:

Year I (Year IV of the medical course)
(a) Lectures, laboratory work and instruction in the clinical skills of medicine, including methods of interviewing and examining the patient, Clinical Pharmacology, Community Health, Pathology.
(b) Lectures, laboratory work and clinical instruction in systematic medicine with instruction in diagnosis and management of patients in the hospital and the community. The study of man in his environment.
A candidate will be required to undertake a four week clerkship in July/August, in either Medicine or Surgery. A further clerkship of four weeks shall be taken either in November or in the following February in another clinical discipline.

Year II (Year V of the medical course)
Lectures, laboratory work and clinical instruction continue in systematic medicine, with increasing emphasis on clinical work in the specialties of Obstetrics and Gynaecology, Paediatrics, Psychiatry, together with practical experience in Community Health and courses in environmental health and forensic pathology.
At the conclusion of Year II there will be a composite examination of four written papers and four oral and/or clinical examinations.
Papers 90.100, 90.101, 90.102, 90.103.

Year III (Year VI of the medical course)
Clinical work as a trainee intern and with responsibility for patients over three successive periods of three months each together with a further three month elective period.
5. (a) A candidate shall be deemed to pass Years I and II of the course when the Senate so resolves after consideration of a report from the Faculty of Medicine and Human Biology, as to the candidate's performance and results in his work for those Years.
   (b) A candidate shall be deemed to have completed Year III successfully if he obtains passing assessments from each of the periods of that academic Year.
The candidate shall not be deemed to be qualified for admission to the Degree except upon a favourable recommendation of the Senate based on those assessments and on a general report by the Faculty of Medicine and Human Biology of the candidate's general performance throughout the course.

1980 Calendar
THE DEGREE OF MASTER OF HUMAN BIOLOGY
MHB

The personal Course of Study of every candidate must be approved by the Senate. Approval will normally be granted for Courses which are in accordance with the following regulations: for general provisions affecting their Courses of Study students are referred to the Enrolment and Course Regulations (General), the Terms Regulations, and the Examination Regulations.

Note: Any student wishing to enrol for this degree must consult the Head of the appropriate Department before making an application to enrol.

General Provisions
1. Subject to the Admission Ad Eundem Statum regulations, a candidate for the Degree of Master of Human Biology shall before his enrolment for this degree have been admitted or qualified for admission to the Degree of Bachelor of Human Biology.

Course Content
2. Every candidate for the degree shall
   (a) pass the examinations, and
   (b) pass in respect of a thesis (which shall count as four papers) in one of the following subjects:
      65.405, 65.406 Anatomy (two papers and a thesis 65.601).
      63.403, 63.404 Behavioural Science (two papers and a thesis 63.601)
      66.405, 66.406 Biochemistry (two papers and a thesis 66.611).
      68.403, 68.404 Pathology (two papers and a thesis 68.601).
      96.400, 96.401 Pharmacology (two papers and a thesis 96.601).

Thesis
3. The following conditions shall apply to the thesis:
   (a) The Senate shall appoint a supervisor for the candidate upon the recommendation of the Head of Department.
   (b) The thesis shall embody the results obtained by the candidate in an investigation in some branch of the subject.
   (c) In the case of a thesis recording laboratory work, the Supervisor shall certify to the Registrar in writing that the laboratory work has been carried out within the University, or within such other institution as may be approved by the Senate for the purposes of this regulation. Laboratory work for the degree in Biochemistry shall be conducted in the Department of Biochemistry.
   (d) A candidate shall submit his thesis to the Registrar by 1 November in the year in which he first enrols for the degree or at such later date in that or the next year as may be arranged by the Head of Department in consultation with the Supervisor. An extension of time beyond two years from the date of first enrolment for the degree may in exceptional circumstances be approved by the Senate.
   (e) If the Supervisor, after consultation with the Head of Department and with the consent of the Assessor, so recommends, a thesis which is not considered satisfactory will be returned to the candidate, who may be permitted to revise and resubmit the thesis at a later date to be specified by the Head of Department after consultation with the Supervisor.

Note: An abstract is to be submitted with each copy of the thesis; see Examination Regulation 14.

Honours
4. (a) There shall be two classes of Honours: First Class Honours and Second Class Honours. Second Class Honours shall be awarded in two divisions, First Division and Second Division.
   (b) Honours shall not be awarded if the papers in which a candidate takes an examination for the degree are unsatisfactory: provided, however, that a candidate whose performance at a written examination has been seriously impaired by illness or injury or exceptional circumstances beyond his control (certified under the aegrotat or compassionate pass provisions of the Examination Regulations) may elect, instead of applying for an aegrotat or compassionate pass, to take a subsequent written examination, so that he shall still be eligible for the award of Honours subject to the provisions of sub-clause (c) of this regulation.
   (c) A candidate shall be eligible for the award of Honours only if he completes the requirements for Honours within two years of his first enrolment for this degree provided that this period may be extended, in exceptional cases, by the Senate.

5. These regulations shall come into force on 1 January 1977.
THE DEGREE OF MASTER OF MEDICAL SCIENCE

**MMedSc**

The personal Course of study of every candidate must be approved by the Senate. Approval will normally be granted for Courses which are in accordance with the following Regulations: for general provisions affecting their Courses of study, students are referred to the Enrolment and Course Regulations (General), the Terms Regulations, and the Examination Regulations.

Note: Any student wishing to enrol for this degree must consult the Head of the appropriate Department before making an application to enrol. The number of candidates that can be accepted in any subject for the degree is limited. Applications close 15 October for the following year and only those students who have been advised that they have been accepted for the course will be permitted to enrol.

**General Provisions**

1. Subject to the Admission Ad Eundem Statum Regulations, a candidate for the Degree of Master of Medical Science shall
   (a) before his enrolment for this Degree have passed year II of the course prescribed for the degree of Bachelor of Medicine and Bachelor of Surgery; and
   (b) follow a Course of study of not less than one year.

2. A candidate who is not devoting his full time to University study shall if the Senate so requires follow a two-year course of part-time study of such content as the Senate may prescribe.

**Course Content**

3. Every candidate for the Degree shall
   (a) pass the examinations, and
   (b) pass in respect of a thesis (which shall count as four papers) in one of the following subjects:
      - 96.402, 96.403 Clinical Pharmacology (Two papers and a thesis 96.611)
      - 91.400, 91.401 Community Health (Two papers and a thesis 91.601)
      - 92.400, 92.401 Medicine (Two papers and a thesis 92.601)
      - 47.400, 47.401 Obstetrics and Gynaecology (Two papers and a thesis 47.601)
      - 93.400, 93.401 Paediatrics (Two papers and a thesis 93.601)
      - 68.405, 68.406 Pathology (Two papers and a thesis 68.611)
      - 94.400, 94.401 Psychiatry (Two papers and a thesis 94.601)
      - 95.400, 95.401 Surgery (Two papers and a thesis 95.601)
      - 90.400, 90.401 A Medical subject approved by the Senate on the recommendation of the Faculty of Medicine and Human Biology (Two papers and a thesis 90.601)

**Thesis**

4. The following conditions shall apply to the thesis:
   (a) The Senate shall appoint a supervisor for the candidate upon the recommendation of the Head of the Department.
   (b) Thesis shall embody the results obtained by the candidate in an investigation in some branch of the subject.
   (c) In the case of a thesis recording laboratory work, a supervisor shall certify to the Registrar in writing that the laboratory work has been carried out within the University, or within such other institution as may be approved by the Senate for the purposes of this Regulation.
   (d) A candidate shall present his thesis in the same year as that in which he first takes his examination (if any) or with the consent of the Head of the Department and subject to paragraph (g) of this Regulation, in any subsequent year.
   (e) The candidate shall submit his thesis to the Registrar by 1 November in the year in which it is presented or at such later date as may be arranged with the Head of the Department.
   (f) If the supervisor with the consent of the Assessor so recommends a thesis which is not considered satisfactory shall be returned to the candidate, who may be permitted to revise it and to submit it again at a later date to be specified by the supervisor.
   (g) No thesis shall be presented later than the third year after that in which the candidate first takes his examination for this Degree provided that this period may in special cases be extended by the Senate.

Note: An abstract is to be submitted with each copy of the thesis see Examination Regulation 14.

5. A candidate shall not enrol for a subject which he has already passed for the Degree of Master of Science.

6. These Regulations shall come into force on 1 January 1972.
DEGREE COURSE PRESCRIPTIONS

PRESCRIPTIONS FOR BHB

Course of Study in Human Biology — Part I

Departments of Biochemistry, Botany, Cell Biology, Chemistry, Physics, Psychology, Zoology.

Biology
(Three papers and practical work).

60.100, 60.101, 60.102
Cells, structure and physiology; elementary biochemistry; form and function of animals and plants; the history of the vertebrates; genetics; evolution; principles of ecology and behaviour; biological mathematics.

Physico-Chemistry
(Three papers and practical work).

60.103, 60.104, 60.105
A study of the structure and properties of matter including the following topics: elasticity, fluids, analytical chemistry, organic chemistry, electromagnetism, biomathematics, oscillations and waves, electronics and A.C., introductory biochemistry and selected topics in physical chemistry.

Behavioural Science I
(One paper and practical work).

60.108
An introduction to the scientific study of behaviour. The course includes a treatment of the topics of learning, motivation, emotion, sensory and perceptual processes, verbal behaviour, and cognitive functions. An introduction to experimental methods and statistics. An introduction to medical sociology.

Course of Study in Human Biology — Part II

Departments of Anatomy, Biochemistry, Physiology, Psychology.

Human Cell and Tissue Biology
(Two papers and practical work).

60.203, 60.204
A study of fundamental concepts in molecular, cellular and tissue biology in man.

Visceral Organ Systems
60.205, 60.206, 60.207
A study of the circulatory, respiratory, alimentary, renal and reproductive systems; the gross anatomy of the trunk; and general biochemistry.

Behavioural Science II
(One paper and practical work).

60.208
The study of development from conception through infancy, childhood, adolescence, youth, the working years, to old age. Adjustment to stresses, resources available to individuals and to the community. Communication and interpersonal processes. Topics in medical sociology. Brain and behaviour.

Course of Study in Human Biology — Part III

Departments of Anatomy, Biochemistry, Pathology, Physiology, Psychology, Pharmacology/Clinical Pharmacology.

General Pathology
(One paper and practical work).
60.301
A study of the principles of Pathology.

Neurolocomotor System
(Two papers and practical work).

60.302, 60.303
A study of the limbs and back and of the nervous system including the special senses.

Human Reproduction and Development
(One paper and practical work).

60.304
A study of the biology of human reproduction and sexuality; aspects of human genetics, foetal development, growth and ageing; biochemical aspects of endocrinology and nutrition.

Homeostasis
(One paper and practical work).

60.305
A study of the integrated physiology of human organ systems including their control, the correction of disturbance.

Pharmacology
(One paper and course work).

60.306
This course covers the absorption, distribution and fate of administered drugs; drug toxicity and abuse; the evaluation of new drugs; and the mechanisms of action of drugs that affect the various homeostatic control systems in the body.

Behavioural Science III
(One paper and practical work).

60.308

Course work assessment is included in the schedule of the University, and a pass in both written examinations and in course work is necessary.

**PRESCRIPTIONS FOR MBChB**

The duration of the course will be three years.

**First year of course for MBChB (Fourth year of the Medical Course)**

**Practice of Medicine:**
An introduction to clinical medicine is provided during the first section of the first term. Methods of history taking and physical examination are demonstrated and practised by students. Students are also introduced to the principles underlying application of laboratory techniques and organ imaging to solving of patients' problems. The disciplines of medicine, surgery, paediatrics, psychiatry, obstetrics and gynaecology, pathology and radiology (organ imaging) contribute to the course. Lectures, symposia, case demonstrations, tutorial teaching, and bedside instruction, all play a part in this section of the course.

**Systems of Medicine**
During the remainder of the first year, a combined course, the Systems of Medicine, will cover the wide range of human disease arranged on a System basis. The natural history, pathology, disordered physiology, methods of diagnosis and treatment of common diseases will be covered. Each discipline of medicine will contribute to the teaching. The principles of clinical pharmacology and therapeutics will be taught together with the Systems of Medicine course.

**Community Health**
Community Health will consist of a course throughout this year dealing with family practice, interpersonal relationships, preventive aspects of medicine, health education, epidemiology,
and occupational health. The course is designed to give the students an understanding of the human being in constant encounter with social and other environmental influences. Students are required to undertake a course of field studies, participating in community health projects and visiting a number of institutions in the community for the welfare of the incapacitated.

**Clinical Clerkship**

In addition to the theoretical teaching, practical clinical experience will be gained in physical examination as it relates to gynaecology and obstetrics, medicine, paediatrics, psychiatry and surgery. Instruction will take the form of supervised history taking and examination with bedside demonstration, combined with tutorials.

**Second year of the Course for MBChB (Fifth year of the Medical Course)**

90.100, 90.101, 90.102, 90.103
The combined topic teaching of the Systems of Medicine and Community Health will be completed. The class will be divided in halves, one majoring in Medicine and Surgery and completing topic (organ systems) teaching, the other in Psychiatry, Paediatrics and Obstetrics and Gynaecology. These allocations will change at mid-year.
A number of topics not included within the System of Medicine teaching will be covered in whole and half-class sessions. These include Medico-legal aspects of practice, a short course in ethics and the humanities, management of patients with malignant disease, head injuries, alcoholism and aspects of rehabilitation medicine.
At the conclusion of the year, there will be a composite examination consisting of four written papers and oral and/or clinical examinations.

**Third year of the Course for MBChB (Sixth year of the Medical Course)**

This is a trainee intern year of 52 weeks divided into four quarters of 12 weeks each and 4 weeks holiday. One of these quarters will be an “Elective” period when the student may take optional training in special disciplines of medicine. A list of approved electives will be provided from which to choose.
The remaining 36 weeks will be spent participating, under supervision, in the responsible care of sick people in hospital and in the home.
Assessment, including clinical and oral examinations where appropriate, of the student’s progress will be made at the end of each assignment.
A salary will be paid to the trainee intern by the Hospital Board.

**Experience in General Practice**
The student is attached to an approved teaching practice for four weeks, during which time he sees patients and discusses their management with the general practitioner, attends house visits with him and takes part in a weekly seminar conducted by a general practice member of the Department of Community Health.

**Gynaecology and Obstetrics**

Gynaecology and Obstetrics will deal with the physiology, endocrinology and pathology of human reproduction, and their application to the clinical practice of gynaecological and obstetric medicine.
The teaching will emphasise the incorporation of the principles of this subject into total medical practice.
The theoretical teaching will be within the course on the systems of medicine and clinical clerkships will be required during the third year of the course concurrent with a clerkship in neonatal paediatrics.

**Medicine**

Various common medical diseases affecting different organ systems of the body will be considered with emphasis on their natural history, clinical presentation, methods of diagnosis, together with principles of treatment and prevention. Clinical clerkship will provide experience both in acute general medicine and, during the second year of the course, on selected aspects of different specialties within internal medicine. Tutorial teaching will play an important part in this teaching programme in which emphasis will be placed on the quality of the written as well as the verbal case presentations.
Paediatrics
The undergraduate course in Paediatrics commences with an interdisciplinary child development and family study in the second and third years of the course in Human Biology. Patient-based teaching in Paediatrics is carried out in the hospital and community setting over the three years of the clinical course.
Prevention of disease and the effect of disease on the developing child are emphasised in the departmental contribution to the course of lectures given in the first two years of the clinical course on the organic and psycho-social basis of ill health. At the end of this course of lectures students are examined in their knowledge and comprehension of the principles of Paediatrics.
In the third year of the clinical course there is a period of trainee internship in Paediatrics which is mandatory and a term of elective study in the broad field of child health is offered.

Pathology
Teaching in Pathology commences in the third term of the third year of the course in Human Biology, and continues throughout the first, second and third years of the course for MBChB. Subjects under the aegis of Pathology include the Morphological Basis of Disease, Medical Microbiology, Haematology, Immunology, Chemical Pathology, and Forensic Medicine. During the first part of the first year of the Course for MBChB, the principles of pathology and microbiology are taught on the basis of the teaching in these subjects undertaken during the latter part of the course in Human Biology. During the remainder of the first year, and through the second year, the teaching in pathology is largely integrated with the teaching programmes of other clinical departments.
An elective programme in pathology is available for periods of up to 3 months during the third year of the course.

Psychiatry
With a background concept of normal human behaviour patterns engendered in the Behavioural Sciences component of the Human Biology course, students will receive instruction during the clinical triennium in the recognition of mental aberration and abnormal behaviour, and in the management of patients who suffer psychiatric disturbance. Most of this teaching will be incorporated in the Systems of Medicine course.
The Department of Psychiatry will join with other clinical departments, especially the departments of Paediatrics and Community Health, in conducting research towards the identification of health problems in society and the delineation of remedial measures, including methods of health education. Students will participate in these projects.

Surgery
Surgical diseases will be taught covering their natural history, pathology, methods of diagnosis (including special investigations such as radiology and clinical biochemistry), and general principles of treatment. Included in the surgical diseases will be those related to eye, ear, nose and throat, the musculo-skeletal system, the genito-urinary system, the nervous system and those related to plastic surgery. The theoretical teaching of these subjects will be done within the Systems of Medicine course.
Clinical Clerkships will be required in general surgery and the special divisions of surgery listed above, including the Accident and Emergency Department. Theoretical and practical teaching in anaesthesia will be given.
The examination in surgery will be part of the composite examination at the end of second year together with assignments during the third year.

PRESCRIPTIONS FOR MHB

Department of Anatomy
65.405, 65.406, 65.601 The study of selected fields of Anatomy at an advanced level with detailed study of one particular field.
The thesis will be based on a research project and will be the major feature of the year's work. The topic must be arranged with the Head of the Department before the end of the preceding academic year.

Department of Biochemistry
(Two papers and a thesis)
66.405, 66.406, 66.611 The general study of Biochemistry at an advanced level with particular reference to topics of medical relevance.
Candidates for the Master's Degree should consult the Head of the Department as soon as possible after completion of course prerequisites in order to select a thesis topic and obtain advice on vacation reading.
Research work for the thesis will be the major feature of the year's work and will be carried out in the Department. Attendance at departmental seminars and informal group discussions is obligatory.

Department of Pathology
(Two papers and a thesis)
68.403, 68.404, 68.601 The study of selected fields of Pathology at an advanced level with detailed study of one particular field.
The thesis will be based on a research project and will be the main feature of the year's work. The topic must be arranged with the Head of Department before the end of the preceding academic year.

Department of Physiology
(Two papers and a thesis)
67.405, 67.406, 67.601 The study of selected fields of Physiology at an advanced level with detailed study of one particular field.
The thesis will be based on a research project and will be the major feature of the year's work. The topic must be arranged with the Head of Department before the end of the preceding academic year.

Department of Pharmacology/Clinical Pharmacology
(Two papers and a thesis)
96.400, 96.401, 96.601 The study of selected fields of Pharmacology and Clinical Pharmacology at an advanced level with detailed study of one particular field.
The thesis will be based on a research project and will be the major feature of the year's work. The topic must be arranged with the Head of Department before the end of the preceding academic year.

Department of Psychology
(Two papers and a thesis)
63.403, 63.404, 63.601 The general study of the Behavioural Sciences to Medicine. One or more special topics.
The thesis will be based on a research project. An outline of the project must be submitted for the approval of the Head of the Department, before the end of the previous academic year after discussion with the person, for the time being, in charge of Behavioural Science teaching.

DIPLOMA COURSE REGULATIONS
†DIPLOMA IN PAEDIATRICS
DipPaed
The personal Course of study of every candidate must be approved by the Senate. Approval will normally be granted for Courses which are in accordance with the following regulations: for general provisions affecting their Courses of study students are referred to the Enrolment and Course Regulations (General), the Terms Regulations, and the Examination Regulations.

General Provisions
1. Subject to the Admission Ad Eundem Statum Regulations, a candidate for the Diploma in Paediatrics shall
(a) enrol not later than 1 October or such later date as the Senate approves;
(b) on 31 December following his enrolment for this Diploma have held a medical qualification registrable in New Zealand, for three years or more, or have been a graduate from the Central Medical School of Fiji for three years or more;
(c) sit the examinations in the year following his enrolment.

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Course Content
2. Every candidate for the Diploma shall
(a) follow the prescribed course of study
(b) before 30 June of the year in which he sits the examinations, have completed six months resident paediatric appointment in a hospital or hospitals approved for this purpose.

Examinations
3. The examinations for the Diploma shall be
†(a) Written 93.405, 93.406
†(b) Clinical
†(c) Oral
4. These Regulations shall come into force 1 January 1974.

Notes: (i) † This Course will not be taught during the current Calendar year unless sufficient staff is available.
(ii) The Diploma in Paediatrics is a qualification which serves to recognise general medical practitioners who have been trained to manage the common paediatric abnormalities encountered in practice. The course is limited to two candidates in 1980 and preference for inclusion will be given to those practitioners who do not have easy access to paediatric consultant services. The prerequisite of at least six months' appointment in an approved teaching hospital is mandatory.
Approved teaching hospitals:
1. Princess Mary Hospital for Children, Auckland and
2. National Women's Hospital, Auckland
(for a maximum of three of the six months required under the Regulations for the Diploma).
This list may be extended or varied from time to time with the approval of Senate.
(iii) The examination for the Diploma will test knowledge and ability in the areas of Child Development, Preventive Paediatrics, and Management of Common disorders of childhood with emphasis on those aspects encountered in remote and medically developing areas.
The examinations will normally be held in June each year at the School of Medicine.

DIPLOMA IN PSYCHIATRY

This Diploma has been discontinued. Any candidate enrolled for the Diploma before 1979 may complete under the former Regulations, provided he re-enrols and completes the course not later than 31 December, 1983.

POSTGRADUATE SCHOOL OF OBSTETRICS AND GYNAECOLOGY

Within the Department of Obstetrics and Gynaecology
The Department is situated at the National Women's Hospital, Claude Road, Auckland 3. In addition to training Auckland medical students there are extensive facilities for postgraduate education in obstetrics and gynaecology.

DIPLOMA COURSE REGULATIONS
DIPLOMA IN GYNAECOLOGY AND OBSTETRICS

DipG&O

The personal Course of study of every candidate must be approved by the Senate. Approval will normally be granted for Courses which are in accordance with the following regulations: for general provisions affecting their Courses of study students are referred to the Enrolment and Course Regulations (General), the Terms Regulations, and the Examination Regulations.

General Provisions
1. A candidate for the Diploma in Gynaecology and Obstetrics shall
(a) enrol not later than 1 March for the June examination and 1 September for the December examination, or such later dates as the Senate approves; and
(b) before sitting for Part 2 of the examination:
(i) hold a qualifying degree or diploma approved by the Medical Council of New Zealand for four years and be registered in New Zealand or hold equivalent Commonwealth registration for three years, or
(ii) be a medical diplomate of the Fiji School of Medicine of six years' standing; and

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(c) hold for at least one year the Diploma in Obstetrics of the University of Auckland or of Otago or of the Royal College of Obstetricians and Gynaecologists; and
(d) have undertaken at least two years' training in the specialty of gynaecology and obstetrics in posts approved by the Royal College of Obstetricians and Gynaecologists provided that only one year of service at the Colonial War Memorial Hospital, Suva, shall count towards the total, and
(e) prior to his acceptance for Part 2 of the examination, have submitted dissertations on an obstetrical and on a gynaecological subject which has been approved by the Head of the Department.
Notwithstanding anything in this Regulation, the Vice-Chancellor may on the recommendation of Senate relax or modify these conditions.

Examinations
2. The examinations for the Diploma in Gynaecology and Obstetrics shall consist of two parts which may be taken separately or together.
Part 1 shall consist of a written examination (two papers), 47.101, 47.102 on reproductive biology and basic medical sciences as applied to gynaecology and obstetrics. The Part 1 examination may be taken during the training period specified above in 1 (d).
Part 2
(a) written (two-papers), 47.103, 47.104
(b) clinical
(c) oral.
The examinations shall be held at the Postgraduate School of Obstetrics and Gynaecology during June and December.
3. These Regulations shall come into force 1 January, 1972.

DIPLOMA IN OBSTETRICS
DipObst
The personal Course of study of every candidate must be approved by the Senate. Approval will normally be granted for Courses which are in accordance with the following regulations: for general provisions affecting their Courses of study students are referred to the Enrolment and Course Regulations (General), the Terms Regulations, and the Examination Regulations.

General Provisions
1. A candidate for the Diploma in Obstetrics shall
(a) enrol not later than 1 March for the June examination and 1 September for the December examination, or such later dates as the Senate approves;
(b) on 31 May preceding the June examination or on 30 November preceding the December examination
(i) have either held a registrable medical qualification for eighteen months or been a graduate from the Fiji Medical School for four years, or been a graduate from the Medical Faculty of the University of Papua New Guinea for four years, and have completed eighteen months appointment in hospitals including at least six months in obstetrics for family practice at one of the hospitals approved for this purpose, or
(ii) have held registrable medical qualification for at least seven years, and have submitted evidence of having personally conducted at least 300 deliveries, and have presented a certificate signed by the Head of the Department that the candidate has during the three years immediately preceding the examinations, attended an approved course of postgraduate instruction in obstetrics and family practice.

Note: The approved course should last for at least one week and may be taken after the candidate has enrolled but must be completed before sitting the examinations.

Notwithstanding anything in this Regulation the Vice-Chancellor may on the recommendation of Senate relax or modify these conditions.

Examinations
2. The examinations for the Diploma in Obstetrics shall be
(a) Written (one three-hour paper — 47.500)
(b) Clinical
3. The examinations shall be held at the Postgraduate School of Obstetrics and Gynaecology during June and December each year provided that should there be sufficient candidates, examinations may be held elsewhere at suitable dates.

HIGHER ACADEMIC TRAINING IN OBSTETRICS AND GYNAECOLOGY

(i) Membership of the Royal College of Obstetricians and Gynaecologists
The Royal College requires two years' experience on the resident staff of a recognized hospital, such as the National Women's Hospital, before accepting candidates for the MRCOG examination. The training period in the Postgraduate School is for two and a half years at present which includes a good grounding in neonatal paediatrics and pathology. Details of such appointments and of the instruction which goes with them are available on application.

(ii) MSc or PhD Degrees
Research appointments are available at the National Women's Hospital and afford the opportunity of preparing for the MSc and PhD Degrees of the University of Auckland. Applications will be welcome from scientists and medical graduates who wish to carry out research in biochemistry, endocrinology, or the scientific background of obstetrics, gynaecology, and neonatal paediatrics.

REFRESHER TRAINING FOR FAMILY DOCTORS AND SPECIALISTS

(i) Practitioners with interests in the fields covered at the School may attend for periods of up to four weeks as visiting postgraduates. During the time they are attending the Postgraduate School attachments to the Auckland Hospital Board as Honorary Medical Officers can be made in order to facilitate the performance of practical procedures. Visitors may attend the daily teaching sessions as well as gain practical experience tailored to their needs.

(ii) Short courses usually of a week’s duration are held at regular intervals. In addition to teaching at Diploma level advanced courses are provided.

(iii) Departmental staff are available to participate in courses throughout New Zealand by arrangement with the Head of the Department.

DIPLOMA COURSE PRESCRIPTIONS

PRESCRIPTIONS FOR DipG&O

Part 1
The subjects covered by two papers will include basic sciences such as anatomy, biochemistry, cell biology, embryology, endocrinology, genetics, immunology, medical sociology, microbiology, pathology, pharmacology, physiology and elementary statistics. The examination will deal with those aspects of these subjects which should form part of the general education of any specialist and particularly those aspects which are applicable to obstetrics and gynaecology.

Dissertations
Candidates are advised to discuss the preparation of their dissertations with the Head of the Department at an early stage in their training period. Both obstetric and gynaecological dissertations are designed to give candidates the opportunity to study in detail conditions of their own choice and to express their own views based on personal experience and on a study of the literature. The dissertations should show clear evidence of ability to make use of a reference library and of the English language. Socio-medical topics may be particularly suitable for one or other of the dissertations. The dissertations should be accurately typed in good English and simply bound. In general the size of the dissertations should be in the order of 3000-4000 words each and credit will be given for original contributions.

Part 2
Two written papers
(a) Obstetrics, and such aspects of endocrinology, medicine, neonatal paediatrics and surgery as are relevant to the practice of obstetrics.
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(b) Gynaecology, and such aspects of endocrinology, medicine, medical sociology and surgery as are relevant to the practice of gynaecology.
A clinical examination which will include presentation and discussion of obstetric and gynaecological cases.
An oral examination in obstetrics and gynaecology. In this candidates should be prepared to discuss their dissertations, to be examined on applied anatomy, physiology and pathology, and to be shown radiographs, instruments, specimens and histological slides for comment.

PRESCRIPTIONS FOR DipObst

This is a general practitioner qualification and serves to distinguish those general practitioners who have been trained to handle the common abnormalities encountered in obstetrical practice. A six months' resident appointment to the staff of a teaching obstetrical and gynaecological unit is required before candidates are allowed to sit the examination, but see also provision I(b)(ii) of the preceding regulations. Details of such appointments are available on application. With the object of encouraging medical practitioners who intend to carry out an obstetric practice modifications have been made in the Diploma regulations to bring these more in line with the Royal College regulations in England and to make it possible for medical practitioners to take the examination soon after their obstetric appointment during their first post-registration year.
The new regulations also allow graduates of the Fiji Central School of Medicine to take the examination following a period of residence at the National Women's Hospital.
The examinations shall include questions on the anatomy, physiology, pathology and management of normal and abnormal pregnancy, labour and puerperium, including the care of the new-born during the first month of life.
In addition, the candidates will be required to have a knowledge of the physiology and pathology of medical gynaecology, including abnormal menstruation, amenorrhea and dysmenorrhea, endocrine therapy, abortions, infertility and contraception, ectopic pregnancies and moles, vaginal discharges, the diagnostic facets of malignancy, and such minor surgical procedures as may be encountered in a predominantly obstetrical practice.
The following are approved Hospitals for the purpose of Regulation I(b)(i):

(1) Auckland: National Women's with or without rotation to Middlemore and St Helens Hospitals.
(2) Waikato
(3) Rotorua
(4) Palmerston North
(5) Lower Hutt
(6) Wellington
(7) Christchurch Women's
(8) Dunedin
(9) Invercargill: Kew Hospital
(10) Any other hospital which meets the current criteria for approval during the full tenure of the post.
(11) Any hospital recognised by the Royal College of Obstetricians and Gynaecologists for its Diploma in Obstetrics.
That approval of hospitals will be recognised on criteria of:
(i) Specialist and registrar staff in obstetrics, gynaecology and neonatal paediatrics.
(ii) The number of normal and abnormal patients attending the hospital clinics.
(iii) The provision of graduate teaching in antenatal, postnatal and gynaecological clinics, wards and delivery rooms, including teaching in neonatal paediatrics and family planning. The post must be a continuous one of six months.

THE POSTGRADUATE MEDICAL COMMITTEE

The Postgraduate Medical Committee, under the Chairmanship of the Associate Dean of Postgraduate Affairs in Medicine accepts responsibility for the organisation and supervision of graduate and postgraduate work among the medical practitioners in Auckland. The activity of the Committee is linked with the School of Medicine and with the hospitals under the control
of the Auckland Hospital Board.
The Committee arranges annual courses throughout the academic year in surgery, internal medicine, surgery, anaesthesia, radiology, pathology, psychiatry, paediatrics and dentistry. It also arranges visits by overseas medical speakers both in the University and in the associated hospitals and publishes a monthly bulletin of medical postgraduate affairs, *This Month*.
The co-ordination and supervision of post graduate studies is carried out with the help of advisory committees of the Postgraduate Committee, each of which is responsible for its particular area of medical education including supervision of the registrar and graduate training programme and the organisation of such visiting professors as come to Auckland under the sponsorship of the Auckland Savings Bank and other auspices.
All graduates attending one of the annual courses of the Committee and all overseas graduates undergoing postgraduate training in the Auckland hospitals are required to enrol with the Postgraduate Medical Committee as graduate students of the University of Auckland.
The activities in postgraduate medicine are outlined in a booklet which is available from the Associate Dean's office.
The members of the Postgraduate Committee are the Chairman, the Associate Dean of Postgraduate Affairs in Medicine, Dr C. H. Maclaurin; the Deputy Chairman, Dr G. I. Nicholson; the Honorary Treasurer, Dr J. R. D. Matthews; the Honorary Secretary, Dr Robin H. Briant; Professor D. G. Bonham; Dr P. J. Chapman; Dr K. E. Clark; Professor D. S. Cole, Dean of Medicine; Associate Professor R. O. Farrelly; Dr P. L. Gibson; Dr R. K. Haydon; Dr T. G. Hawley; Dr R. F. Moody; Dr W. T. Morris; Associate Professor J. C. Probert; Dr J. J. Wright. The office of the Committee is in the School of Medicine.
Inter Faculty

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DEGREE COURSE REGULATIONS

THE DEGREE OF MASTER OF PHILOSOPHY

MPhil

Note: This Degree fills a special, limited need. It permits a student, in special approved cases only, to take a Master's Degree in a Faculty other than that in which he has qualified for a Bachelor's Degree, and only when the Master's Course concerned cannot be taken in the Faculty in which he completed his Bachelor's Degree.

Permission to enrol for the Degree of Master of Philosophy will be given only where Senate is satisfied that the student holds qualifications at least equivalent to those normally required for the Master's Course concerned. Normally at least Stage III of the subject to be taken for MPhil would have to be included in the prerequisites.

The personal Course of Study of every candidate must be approved by the Senate. Approval will normally be granted for Courses which are in accordance with the following regulations: for general provisions affecting their Courses of Study students are referred to the Enrolment and Course Regulations (General), the Terms Regulations, and the Examination Regulations.

General Provisions

1. Subject to the Admission Ad Eundem Statum Regulations, a candidate shall before his enrolment for this Degree
   (a) have been admitted or qualified for admission to a Bachelor's Degree, and
   (b) have been approved by the Senate as qualified to pursue a Course of study for a Masters Degree in a Faculty other than that in which he qualified for his Bachelor's Degree.

Course Content

2. Every candidate for the Degree of Master of Philosophy shall comply with the Course Regulations for a Master's Degree prescribed in the Faculty in which he is pursuing his Course of study.

3. The Degree shall be awarded by the Senate after receipt of a certificate from the Head of the Department in which the Course for the Degree has been taken, stating that the candidate has completed the prescribed requirements.

Honours

4. (a) There shall be two classes of Honours: First Class Honours and Second Class Honours. Second Class Honours shall be awarded in two divisions, First Division and Second Division.
   (b) Honours shall not be awarded if the papers in the first year in which a candidate takes an examination for the Degree are unsatisfactory or if the thesis at its first presentation is unsatisfactory; provided, however, that a candidate whose performance at a written examination has been seriously impaired by illness or injury or exceptional circumstances beyond his control (certified under the aegrotat or compassionate pass, provisions of the Examination Regulations) may elect; instead of applying for an aegrotat or compassionate pass, to take a subsequent written examination so that he shall still be eligible for the award of Honours, subject to the provision of subclause (c) of this regulation.
   (c) A candidate shall be eligible for the award of Honours only if he completes the requirements for Honours within three years of his first enrolment for this Degree; provided that this period may be extended, in exceptional cases, by the Senate.

5. These Regulations shall come into force on 1 January, 1971.

THE DEGREE OF DOCTOR OF PHILOSOPHY

PhD

The personal Course of Study of every candidate must be approved by the Senate. Approval will normally be granted for Courses which are in accordance with the following regulations: for general provisions affecting their Courses of Study students are referred to the Enrolment and Course Regulations (General), the Terms Regulations, and the Examination Regulations.

1. Every candidate for the Degree of Doctor of Philosophy shall apply to the Head of his Department for registration as such, showing:
   (a) that he has the requisite preliminary qualification set out in regulation 2 hereof, and
   (b) that he has adequate training and ability to pursue a Course of advanced study and research.
2. The preliminary qualification shall be
(a) qualification for admission to a Bachelor's Degree with Honours, or a Bachelor's (Honours) Degree, or a Master's Degree with Honours of this University, or
(b) qualification for admission to a Master's Degree First Class or Second Class, or
(c) qualification for admission to the Degree of Bachelor of Medicine and Bachelor of Surgery together with evidence that the candidate has carried out research which, in the opinion of the Senate, is satisfactory evidence of the candidate's ability to pursue a Course of advanced study and research for this Degree.
(d) in the case of a graduate of another University, admission to the Course under the provisions of the Admission Ad Eundem Statum Regulations, or
(e) any other qualification approved by the Senate in the particular case of any candidate.

3. The Head of the Department concerned, through the Dean of Engineering if the candidate is in the Faculty of Engineering, shall forward to the Registrar for submission to the Senate, a recommendation in respect of the candidate which shall include
(i) the proposed field of study,
(ii) the proposed date of registration,
(iii) the nomination of a Supervisor or Supervisors from members of the academic staff,
(iv) satisfactory evidence of the candidate's training and ability to pursue the proposed Course of Study,
(v) a statement of any foreign language requirements the candidate must satisfy as part of the Course of Study (if there is no foreign language requirement this should be stated), and
(vi) in the case of a recommendation from the Dean of Engineering, the description of the papers the candidate is required to take in terms of Regulation 8 (a) of these Regulations. The Senate shall determine the date and conditions of registration of each candidate.

4. A candidate for a Master's Degree may, after the completion of at least one year's work for that Degree at a standard considered satisfactory by the Senate, be registered as a candidate for the Degree of Doctor of Philosophy. Any such candidate so registered may be allowed credit for the work for the Master's Course if that work can form part of the doctoral thesis. The date of registration shall not be earlier than the end of the academic year in which he completed papers for Master's or Bachelor's Degree with Honours.

5 (a) After being registered as a candidate for the Degree of Doctor of Philosophy the candidate shall pursue a Course of advanced study and research at the University to the satisfaction of the Head of the Department and the Supervisor for a period of at least two calendar years from the date of registration, during which he shall work at his advanced study and research full time under the supervision of a teacher in the University; provided that
(i) laboratory work may be carried out in an approved institution outside the University for such limited period or periods as may be determined from time to time by the Senate;
(ii) field work may be carried out at such places and for such periods as the Senate may determine;
(iii) research requiring the use at first hand of documents or books not available within the University may be undertaken in an approved institution outside the University, for such period or periods and on such conditions as may be determined from time to time by the Senate;
(iv) when a candidate has completed the initial period of two years full-time study and research he may apply to the Senate for permission to continue as a part-time candidate. Any such application must be supported by the Supervisor and the Head of the Department.
(b) For the purpose of this regulation a candidate shall be deemed to work full time if he has
(i) with the approval of his Supervisor and the Head of the Department engage for an average period of not more than six hours in any one week in academic work other than his study or research;
(ii) take such statutory, recreational and other holidays as are normally incidental to full-time occupation.

6 (a) Not withstanding anything in Regulation 5, a part-time member of the academic staff whose duties as such require of him not more than 12 hours work in any one week and who has no other occupation except his study or research may register as a candidate for the Degree of Doctor of Philosophy. After being so registered he shall pursue a course of advanced study and research at the University over a period which shall, except in special circumstances to be
determined by the Senate, be of at least three calendar years from the date of his registration, to the satisfaction of the Head of his Department and the Supervisor.

(b) Notwithstanding anything in Regulation 5, a full-time member of the academic staff, other than a Head of the Department, may register as a candidate for the Degree of Doctor of Philosophy. After being so registered he shall pursue a course of advanced study and research at the University over a period which shall, except in special circumstances to be determined by the Senate, be of at least four calendar years from the date of his registration to the satisfaction of the Head of his Department and the Supervisor.

(c) Notwithstanding anything in Regulation 5, a full-time member of the teaching staff of a Teachers' College in Greater Auckland may apply for registration as a candidate for the Degree of Doctor of Philosophy and shall submit with his application a statement from the Principal of the College that his college work is such as to allow him to pursue a course at the University for the Degree of Doctor of Philosophy. After being registered he shall pursue to the satisfaction of the Head of his Department and the Supervisor, a course of advanced study and research at the University over a period of at least four calendar years from the date of his registration.

7. The Supervisor shall submit to the Senate, through the Head of the Department, a brief report on the progress of the candidate at the end of each year, provided that in the case of a candidate who is a member of the teaching staff of a Teachers' College the Supervisor shall submit a report at the end of each six months. A candidate's registration may be terminated by the Senate if an unfavourable report is received.

8 (a) A candidate for the Degree of Doctor of Philosophy in Engineering shall take three papers prescribed for the Degree of Master of Engineering or papers deemed by the Deans Committee to be equivalent. Provided that the Senate on the recommendation of the Deans Committee may waive or modify this requirement.

(b) A candidate shall not be eligible to enrol for any other course while registered for the Degree of Doctor of Philosophy unless he obtains the prior permission of the Senate.

9 (a) A candidate who has fulfilled the conditions required by these Regulations may apply at any time within six years from the date of registration to the Registrar to be examined provided that a full-time member of the academic staff, or a member of the teaching staff of a Teachers' College, may apply at any time within eight years and this period may in special circumstances be extended by the Senate for a full-time member of the academic staff who has not while registered for the Degree been a full-time research student.

(b) A candidate shall submit to the Registrar three bound copies of a thesis embodying the results of his research which shall be retained by the University.

Note: An abstract is to be submitted with each copy of the thesis, see Examination Regulation 14.

(c) When a thesis is submitted an examination fee of $80 is payable.

(d) When a thesis is re-submitted as provided in Regulation 12 of these Regulations a further examination fee of $80 is payable.

10 (a) After having accepted the candidate's application to be examined the Senate, shall, upon the recommendation of the Head of the Department, approve the title of the thesis and shall appoint as examiners:

(i) The Supervisor or Supervisors,

(ii) one person, who shall also act as Oral Examiner, and who may be a member of the staff of this University if there is no specialist in the field at another University in New Zealand, and

(iii) one person who may not be a member of the staff of this University except in such circumstances as the Senate thinks fit.

(b) The Senate may, on the recommendation of the Head of the Department, appoint a further examiner and in exceptional circumstances two further examiners.

11. The Supervisor shall forward to the Registrar a certificate stating that the work described in the thesis was carried out by the candidate under his supervision and that the conditions laid down in Regulation 5 or 6 have been fulfilled.

12 (a) A copy of the thesis shall be submitted to each examiner. Except where the Vice-Chancellor acting on the advice of the examiners, otherwise authorises the Supervisor and one external examiner shall together examine the candidate orally on the subject of the thesis and on the general field to which the subject belongs, The oral examination shall be held after the reports from the external examiners have been received, and not sooner than six weeks after the submission of the thesis, except in very special circumstances and with the approval of the Senate. At the request of the oral examiners the candidate may be required to present himself
for a written examination. The oral examiners shall make a joint report to the Senate on the whole examination. The examiners may recommend that a thesis, not considered entirely suitable by them for acceptance, may be revised by the candidate for resubmission on one further occasion only.

(b) Where a candidate registered for this Degree who has not qualified for or been awarded a Masters Degree of this University submits or re-submits a thesis not considered entirely suitable to the examiners, the Senate may recommend that the thesis be submitted for a Masters Degree without Honours in the appropriate Faculty provided that the candidate satisfies all other requirements for that Masters Degree.

CERTIFICATE COURSE REGULATIONS
CERTIFICATE OF PROFICIENCY
COP

The personal Course of Study of every candidate must be approved by the Senate. Approval will normally be granted for Courses which are in accordance with the following regulations: for general provisions affecting their Courses of Study students are referred to the Enrolment and Course Regulations (General), the Terms Regulations, and the Examination Regulations.

1. In these regulations a “pass” means a pass in any paper or subject or in any examinable part of a subject.

“Certificate of Proficiency” means a Certificate issued by the University as to a pass otherwise than for a Degree or Diploma.

2. With the permission of the Senate a matriculated student may be enrolled under the Enrolment and Course Regulations (General) for the purpose of obtaining a Certificate of Proficiency.

3. To obtain a Certificate of Proficiency a student who is enrolled under Regulation 2 must keep terms in accordance with the Terms Regulations, comply with the provisions of the Examination Regulations and pass the appropriate examinations.

4. Where a candidate has obtained a pass for a Certificate of Proficiency he may at any time have that pass credited to a Degree or Diploma if he has complied with, or in exceptional circumstances is exempted by the Senate from, any prerequisite, corequisite condition or other requirement prescribed for that Degree or Diploma.

5. A candidate who (a) has obtained a pass in any subject at Masters level for a Certificate of Proficiency and (b) would have been eligible for Honours if he had presented that subject under the appropriate Masters Degree Regulations, may be awarded a Certificate of Proficiency with Honours of the appropriate class provided in those Regulations.

Note: A member of the permanent academic staff of this University with overseas university qualifications may be permitted to enrol for a paper or a subject for Certificate of Proficiency without having to make a formal application for admission Ad Eundem Statum.

INTER FACULTY STUDIES

Operations Research

Operations Research can be defined briefly as the application of scientific methods to management problems. It is widely used in areas such as optimal scheduling, inventory control, decision analysis and many similar applications, both on a short-term basis and to assist in long-range planning.

Training for Operations Research is frequently inter-disciplinary and in the University there are several paths along which Operations Research may be approached. Because of this, the major routes are described here, and further reference should be made to relevant prescriptions in the Faculties of Commerce, Engineering and Science.

1. In the Faculty of Science, the Department of Mathematics offers courses which contain topics dealing with the theory and methodology of basic stochastic and deterministic techniques in Operations Research. In particular the following Courses are relevant:
Probability 26.380
Optimization in Operations Research 26.391
Mathematical Modelling for Operations Research 26.395

Related papers are available at undergraduate and graduate level towards the Degrees BSc, BSc(Hons), MSc or towards the Diplomas DipCompMaths, DipStats. Interested students should consult the Head of the Department of Mathematics.

2. In the Faculty of Commerce students wishing to specialise in Operations Research for the B.Com degree should consider the following papers offered by the Department of Management Studies and Economics:
Managerial Economics 13.203
Operations Research 72.308 (13.303)
Operations Research 72.408 (13.403)
Mathematical Programming 72.409 (13.409)
together with related papers in Accounting, Computer Science, Economics, Engineering, Management Studies and Mathematics.

At the graduate level students may choose courses in Operations Research towards the degrees of M. Com or M.Phil which may include a thesis or a research essay in this area. Interested students should consult the Head of the Department of Management Studies or of Economics.

3. In Engineering students may specialise in Operations Research within the professional degree by taking the Engineering Science course, which includes:
Operations Research IA and IB 54.258 54.259
Operations Research IIC and IID 54.458 54.459
Project 54.410

Appropriate papers in such areas as computation, statistics, industrial administration and transportation are also available. The project topic can be chosen from a wide area of application in industry and corporate administration.

At the graduate level, students may specialise in Operations Research for the degrees of ME, M.Phil and Ph.D. by choosing from:
Studies in Operations Research A 54.760
Studies in Operations Research B 54.770
Random Processes 54.790
Studies in Engineering Science 54.710
and related papers (offered by several Engineering Departments) such as Control, Transportation, Microprocessors and Minicomputers.

Interested students should consult the Head of the Department of Theoretical and Applied Mechanics.
Associated Institutions

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CENTRE FOR CONTINUING EDUCATION

The Centre for Continuing Education reaches out to the community at large. It makes available to the general public a wide variety of courses in the humanities, sciences, music and the arts. These are usually of ten weeks or longer. Day or weekend seminars are also promoted both at the Centre and in Northland. In addition to its general offering of music courses, the Centre organises and promotes the annual Cambridge Music School, a two week residential school for serious performers and composers from throughout New Zealand.

Adults contemplating degree studies for the first time are offered a “New Start” programme which is designed to introduce them to university study methods and facilities. Short introductory courses in some arts subjects not taught in the secondary schools, e.g. psychology, economics, sociology, education, Maori studies, are specifically designed for intending degree students.

Certificate courses are conducted in Personnel Management and Industrial Relations, Community Studies and Criminological Studies. A programme of short courses providing professional development for workers in Health and Welfare is also available. The Centre continues to build up expertise in the fields of adult learning and Maori adult education.

The Centre also promotes a wide-ranging series of seminars, courses and conferences for such professional groups as engineers, businessmen, teachers, surveyors, valuers.

Publicity brochures about the Centre’s activities are available on request from the Centre for Continuing Education, University of Auckland, Private Bag, Auckland, telephone 792-300, extension 320.

COMPUTER CENTRE

The Computer Centre provides digital computing for users throughout the campus. Three styles of service are available:

1. Batch Processing:

   Jobs submitted at the Centre are handled by a Burroughs B6700. Its principle characteristics are

   Memory: 160K, 48-bit words
   Magnetic Disc: 180 Mbytes pack, 60 Mbytes fixed head
   Magnetic Tapes: 1 7-track NRZI, 4 1600 bpi PE
   Card Readers: 600 cpm, 1400 cpm
   Line Printers: 400 lpm, 1200 lpm
   Paper Tape Reader: 500 cps

   Data Communications Processor

   Languages available include Algol, Fortran, Cobol, Basic PL/1, Snobol 4/14 and Lisp. A range of applications programmes is also available, including linear programming, statistics, numerical analysis and scheduling.

2. Time Sharing:

   A number of interactive computer terminals (currently about 15) are provided at various locations around the University. These are connected to a Prime 400 computer, whose characteristics are

   Memory: 256K, 16-bit words
   Magnetic Disc: 60 Mbytes pack, 2 flexible disc drives
   Magnetic Tape: 1600 bpi PE
   Line Printer: 200 lpm

   Fortran and Basic are available on this system, together with an interactive text editor.

   University departments are charged for all use their members and students make of the batch-processing services. Similar charges will be introduced for the use of time-sharing services as soon as possible. Information about charging rates and budget allocations is available through the Computer Centre office.

3. Special Batch Services:

   These support processing of programmes submitted mainly by undergraduate students as class exercises. Facilities are located in the Terminal Room (main floor) for Basic programmes, and in the Users’ Work Room (ground floor) for Fortran and “Small” programmes.

   Other languages or application packages will also be available (in the Users’ Work Room) from time to time.

1980 Calendar
Staff members and research students intending to use Computer Centre facilities should first obtain from the office (a) a Usercode, (b) information sheets relating to those parts of the service they intend using, (c) information about forthcoming courses. The Computer Centre building is open between 8 am and 9 pm weekdays only, vacation periods included. Operating hours for 1980 are expected to be 8 am to 12 midnight with some expanded operating hours during the second term.

**COMPUTER SYSTEM REGULATIONS**

Pursuant to section 22 of the University of Auckland Act, 1961 the Council of the University makes the following Regulations: —

1. These Regulations may be cited as the Computer System Regulations 1975 and shall come into force on 1 January 1976.

2. In these Regulations, unless the context otherwise requires — “System” means any Computer System controlled and operated by the Council whether at the Computer Centre established in the University or elsewhere. “Director” in relation to any System means the person authorised by the Council to control it.

3. No student or any other member of the University shall:
   (a) without authority of the Director gain access or attempt to gain access to the System;
   (b) obtain or attempt to obtain from the System any information to which he is not entitled;
   (c) use or attempt to use the System so as to cause costs to be incurred —
   (i) by the University, without the consent of his Head of Department and the Head of any other Department concerned;
   (ii) by any person other than the University, without the consent of that other person.

4. Any breach of Regulation 3 of these Regulations shall be deemed to be a breach of the Disciplinary Regulations of the University.

Notes: (i) Application to use a Computer System must be made to the person in control — that is, to the Director of the Computer Centre or, in the case of a system under the control of a Head of Department, to that Head of Department or his nominee.

(ii) Withdrawal of complete facilities for improper use:

The purpose of the Regulations is to make certain improper uses of the Computer Centre breaches of University discipline, so that any breach of Regulation 3 may, if committed by a student, be dealt with under the Disciplinary Regulations. Each user of the Computer System must note that any improper use, whether or not it can be or is so dealt with and whether or not it is within the scope of Regulation 3 above, may lead to his being temporarily or permanently refused the use of the System, by the Director of the Computer Centre or by the Head of Department concerned. Any person aggrieved by such a refusal may, in the ordinary course of University administration, have the matter referred, through the Vice-Chancellor, to the Council.
General Student and Staff Information

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STUDENT SERVICES

ACADEMIC DRESS

The Auckland Branch of the New Zealand Federation of University Women owns a stock of Academic Gowns, Hoods and Caps (black trencher with a tassel). These are available for hire at all times during the year. Details may be obtained at the Registry. A student completing the requirements for a degree or diploma will receive information regarding the hire of academic dress for the Graduation Ceremony with his result card.

CAREERS ADVISORY SERVICE

The Careers Advisory Service has four main functions:
1. To give advice and information to students and graduates of the University about career opportunities, and to put them in touch with prospective employers.
2. To circulate a monthly newsletter to students who have registered with the service, informing them of specific vacancies offered by employers.
3. The MID YEAR CAMPUS VISITS and CAREERS WEEK (held after examinations in November) provide opportunities for students to meet employers on the campus and discuss employment prospects.
4. To increase the awareness in the community of the potential benefits of employing University graduates.

Students are encouraged to visit the Careers Advisory Service in the early stages of their University course to discuss suitable employment opportunities for when they complete their degrees.

The Careers Advisory Service is located in the suite of offices behind the Upper Lecture Theatre — inquiries to the Secretary in Room 14. The Service is open during normal university administrative hours. Ph 792-300, exts 703/632.

THE CHAPEL

The Maclaurin Chapel was established under a deed of trust by Sir William Goodfellow, Hon. LLD, in memory of his son, Richard Maclaurin Goodfellow, killed during service with the Fleet Air Arm in World War II, and of Professor Richard Cockburn Maclaurin, one of Auckland’s most distinguished graduates.

University representatives are included on the Board of Management which is responsible for administering the trust. Services conducted in the University Chapel are non-denominational in character, and all members of the University are welcomed. Regular services are held during term time as follows: — Communion Service, 1.10 pm on Wednesdays. University Lunchtime Service, 1.10 pm on Thursdays. Special Services as advertised.

CHAPLAINS

There are three chaplains to the University — two of whom represent those denominations which have membership in the National Council of Churches, and the Roman Catholic chaplain who works in a chaplaincy team of students and staff at Newman Hall. The Maclaurin Chaplain, who is appointed by the Richard Maclaurin Goodfellow Foundation, may be contacted in his office in the Chapel complex (phone 792-300, extension 732). The Chaplain appointed by the Auckland Council of Churches, the Rev. Dr J. C. Hinchcliff, has his rooms behind the Upper Lecture Theatre (Room 10) (phone 792-300, extension 495). The Roman Catholic Chaplain, Father A. Loughman, O. P., resides at Newman Hall, 16 Waterloo Quadrant. (phone 374-990).

The three chaplains work together as the University chaplaincy service. They are available to any member of the University for consultation.

NEWMAN HALL

Newman Hall is the University Catholic Centre at 16 Waterloo Quadrant. It is named for Cardinal Newman, the nineteenth century scholar, in commemoration of whom the annual Newman Lecture is held.

Newman Hall is the centre for the University Parish, which is the community of students,
graduates and staff. The chaplaincy is carried on by a group consisting of the University Catholic Chaplain who is a Dominican priest, and students and staff. Members of the community live at Newman Hall and are available at any time (student members, phone 32-618). The major services are Mass at 7.00 pm every Sunday (February till Christmas), weekday mass during term at 1.10 pm (except Thursdays when all the Christian groups join in an ecumenical service at the Maclaurin Chapel), and a penitential service every term. Further details may be obtained from the Newman Hall secretary (phone 374-990).

ACCOMMODATION SERVICE
An accommodation service is provided without charge for students and intending students of the University. The Student Lodgings Officer is available to receive applications for admission to University Halls of Residence and to assist students to find board in private homes. A notice board giving details of houses, flats, and rooms available for occupation by students is maintained in the accommodation office, which is situated in room 005 in the basement of the Old Arts Building.

HALLS OF RESIDENCE
The University administers two Halls of Residence and, in addition, one other Hall works within the University system. All three Halls offer three meals a day. There are also two other University administered establishments which offer students furnished accommodation but do not provide meals. All establishments accommodate both men and women. Applications for admission, which close on 3 October 1979, should be addressed to the Student Lodgings Officer, University of Auckland, Private Bag, Auckland. Late applications are accepted for the waiting list. Grafton Hall, Seafield View Road, Grafton, administered by the Presbyterian Methodist Congregational Foundation Inc and within 15 minutes' walk of the University. Accommodation and full board is provided for 150 students. International House, 27 Whitaker Place, administered by the University and within seven minutes' walk of the campus. Accommodation and full board is provided for 159 residents. O'Rorke Hall, 49 Symonds Street, administered by the University and within three minutes' walk of the campus. Accommodation and full board is provided for 170 students. Norman Spencer Senior Student Apartments, 9 St Stephens Avenue, Parnell. Accommodation is available for approximately 50 senior students in single study bedrooms with use of well equipped communal cooking and bathroom facilities. There is limited accommodation for married couples. Park Road Student Flats, Grafton. Accommodation is provided for 44 students (12 in single rooms and 32 in shared rooms). Each room has its own bathroom but residents must share the communal kitchen.

LOST PROPERTY
All enquiries regarding lost property should be referred to the Head Custodian or the Enquiries counter in the Registry.

METRICATION
Teaching throughout the University is in metric units, but in some subjects where imperial units are embodied in legislation or regulation, these may still be referred to until authorised values in the new units are gazetted. Students are recommended to purchase metric texts where these are available. The system of units being adopted is known as SI (International System). It is a new system, internationally agreed, and is not a modified old metric system. Care must be taken in the
selection of texts and conversion data which may be found useful. The sole authoritative 
publication on the subject is New Zealand Standard 6501: 1972. THE INTERNATIONAL 
SYSTEM (SI) UNITS AND THEIR APPLICATION. If this is not available the provisional 
NZS 6501P: 1971 may be used.

PARKING
Street parking is available for two-wheel vehicles in Symonds Street between Alfred and 
Wellesley Streets, in Alfred Street, and in Symonds Street between Grafton Road and the 
Human Sciences building.

Provision has been made for parking of bicycles on the following areas: Concourse, School of 
Engineering, Symonds Street; Concourse, Recreation Centre, Symonds Street; Physics Build-
ing, Princes Street side; Accountancy, Area 1, Alfred Street.

An area in lower Grafton Road (area No. 13) has been set aside for students' cars. Admission 
is on production of student identity card and payment of 20 cents. Check out passes are 
available for re-entry later the same day but no guarantee is given that a space will be available. 
No charge is made for this area during the weekend or after 4 pm on weekdays.

Students may use the parking facilities on the eastern side of Wynyard Street (Areas 16, 30 and 
34) without charge after 5.45 pm any day, at any time during the weekends and during 
December and January. Students may be asked to show identity cards in order to distinguish 
themselves from ordinary members of the public.

The parking building at 36 Princes Street is available for general parking after 5.45 each 
evening and weekends at a cost of 20 cents.

PRESS CORRESPONDENCE
Members of the University are reminded that it is normal practice to sign Press correspondence 
as from the University only when the writer has some special competence in the subject 
discussed. For members of the teaching staff, such subjects would normally be those within the 
area of their academic competence, and for students, matters of general student concern. 
Student members should indicate their student status either in the body of the letter or in the 
address given. On matters of general public interest, all members of the University write in 
their private capacity.

COUNSELLING
The Counselling Service is free and confidential for any member of the University community 
who wishes to use it. Anyone using the Service (and this includes intending students) may 
discuss without fear of judgment, criticism or pressure any issue of a personal, social, voca-
tional or academic nature. The aim of the Service is to enable people to relate more satisfac-
torily with other people in their immediate and general environment. For this purpose, per-
personal counselling is provided, as well as group activities. The Counselling Service also offers 
direct assistance for improving study and reading skills. The Service is free, confidential, 
voluntary and readily available. The three full-time counsellors are Lorna McLay, David 
Simpson and Brian Lythe, the last-named with a special responsibility for overseas students. 
They, as well as Aloma Colgan, a part-time counsellor, are available during usual University 
hours, preferably by appointment, but in matters of urgency, without. An appointment may 
readily be made by ringing the Secretary, Barbara Kemp, telephone 792-300, extensions 
595/596, at Student Counselling, above the Post Office, main campus.

STUDENT HEALTH SERVICE
The University of Auckland Student Health Service is staffed by a full-time Director, a nursing 
sister and eleven part-time doctors including a Psychiatrist. The free service is available to all 
students and is designed to help students maintain an optimum state of health. A full clinical 
service is provided as well as immunisations against infectious diseases and for those going on 
overseas travel.

The hours of appointment are as follows:
Monday to Friday: 9 am to 4.30 pm.
During the evening and at weekends there is an emergency service available at 153 Newton Road and the doctor on duty can be contacted by phoning 794-540.

TELEPHONES
Telephones for the use of students are provided by the Students' Association in the Student Union Building. In addition, Public Telephones are provided by the Post Office in the Arts Building (adjacent to the Bank), the Library Building (first floor by the lifts), the Thomas Building and at the School of Engineering (adjacent to the Library).
Students are not permitted to make or receive outside calls through the University main telephone system except on University business.

STUDENTS' ASSOCIATION
Executive
The Executive consists of a full-time President and fourteen other positions; Administrative Vice-President, Welfare Officer, Education Vice-President, Treasurer, Societies Representative, International Affairs Officer, Publications Officer, Sports Clubs Representative, Cultural Affairs Officer, SRC Chairperson, National Affairs Officer, Overseas Students' Officer, Environmental Affairs Officer, and Women's Rights Officer. The official Association noticeboard outside the Custodian's Office carries information on Association activities and meetings, as well as details on Association appointments to various bodies and committees.

Students' Association Activities
The aim of the Association is to further the interests of the student body within the University and without. The student body is an integral part of the University community and the Association and its members are involved not only in the government of the University but also in fostering social, intellectual and sporting activities within the University.
In recent years the Association has changed from a merely social and service organisation catering for the needs of students on Campus to an organisation concerned with student problems in their widest context.
The Association is an Incorporated Society founded in 1891. The control of the business and affairs of the Association rests with the Executive Committee elected annually and comprising a full-time President and fourteen portfolio holders together with the Association Secretary — a full-time administrative post. The Executive is the official mouthpiece for the Association and takes official action on behalf of the Association in the interests of the student body. Through this Executive which acts as a co-ordinating body the Association undertakes a wide and varied number of activities. There are over one hundred clubs and societies affiliated to the Association covering many spheres of student interest. The sports clubs cater for almost all sporting interest and most participate in the local Auckland inter-club competitions and in the NZUSU tournaments. The cultural societies cater for a wide range of religious, academic, social, cultural, and political interests. Information about these clubs and societies is available in the Orientation Handbook.
The Association organises social functions during the course of the year ranging from informal dances to the Graduates Ball. During the first two weeks of the academic year the Association organises the Orientation Fortnight to acquaint new students with the varied facets of University life. The Association organises student concessions for its members with a number of city firms and with the promoters of attractions of interest to students, through the Discount Handbook available to all students.
The Association runs an employment bureau to obtain part-time and vacation work for students. Other services provided by the Association are "Contact" (an advisory and information service run by students for other students) and a legal referral system. The NZUSA Travel Bureau runs a very busy travel office in the Administration Block for use by staff and students. The Association is responsible for various publications including a weekly broadsheet This Is The Week This Is, outlining current activities for the week; a student newspaper Craccum which appears weekly during term and traditionally expresses students' views and features news of interest to students; such publications as Tenancy Booklet and Sexuality Booklet and as well distributes the various publications of the national body, NZUSA. The Student Representative
Council (SRC) was set up in 1969 and membership is open to all students. The political and policymaking body of the Association, SRC is empowered to act on any matter of concern to students.

The Association occupies the Student Union Building whose control and use is subject to management by the Student Union Management Committee consisting of six students and five representatives of the University including representatives of the Senate, Council and Sub-Professorial staff.

The Student Union is made up of five blocks. The cafeteria block is under the general supervision of the Catering Manager and contains a basement and kitchen and the ground floor cafeteria seating 600 where a full hot and cold meal service is available. The Restaurant which seats 100 is on the first floor and provides a higher quality meal for students and staff. The Milk Bar on the basement level offers sweets, milkshakes, ice-creams, etc, and has indoor and outdoor seating for 70. The Coffee Bar also on the basement level which seats 90 is open for extended hours and serves coffee, tea and light snacks.

The Administration block contains the Association offices, Council Room, general meeting rooms, and the Executive offices along with the offices of the President and the Association Secretary, Assistant Registrar (Student Union), and the Accountant.

The public office is open from 9 am to 5 pm for Association business. Alongside this stands the block housing the University Bookshop Auckland Ltd, in which the Association has a half interest, above which are the main common rooms. Underneath both these blocks is the basement, storage, toilets and student locker area. The two blocks nearest Alfred Street contain the TV room, billiards room, the sick bay, a common room, and table tennis room.

All students are required to pay the annual Students' Association fee of $35, $12 of this fee being paid into the building fund. The building fund levy is payable for 5 continuous years of attendance at the University of Auckland, credit being given for attendance at other New Zealand Universities for any full year. The money is paid into a building fund to finance present and future buildings in the Student Union.

The Maidment Arts Centre, on the corner of Princes Street and Alfred Street, which was completed in 1976 at a cost of $1,000,000 caters for the cultural activities of the Association and the University. The centre contains two theatres, the larger being the Kenneth Maidment Theatre seating 450, while the smaller Little Theatre is suitable for audiences of up to 120.

The Maidment Arts Centre is managed by Theatre Management Committee which comprises Association and University Members.

The Recreation Centre, administered by a Joint Students' Association/University Committee, opened mid 1977 and provides seven squash courts, a work-out gymnasium and weight training area on a lower level. On the ground level is the main gymnasium adjacent to which are areas for fencing and the martial arts. The Recreation Centre also includes badminton, basketball and tennis courts and has been planned to meet a comprehensive range of student sporting needs.

The Association is a link between individual students, the academic and administrative staff of the University. Students now elect four representatives to Senate, one representative to University Council, representatives to departmental and faculty committees as well as representatives to committees of Senate, Council and the Association. Through its Executive, the Association represents students in matters involving their interest within the University and the Community at large.

**Hours of Catering Services**

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<th>Term</th>
<th>Cafeteria: 8.30 am — 3.30 pm</th>
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<td>Restaurant: 4.30 pm — 7.45 pm</td>
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<td>Milk Bar: 9.30 am — 5.00 pm</td>
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<td>Coffee Bar: 9.00 am — 9.30 pm (M-Th)</td>
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<th>Study Breaks</th>
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**THE NEW ZEALAND UNIVERSITY STUDENTS’ ASSOCIATION**

Formed in 1929, the New Zealand University Students' Association is the national union of New Zealand’s university students, to which all seven local university students' associations are affiliated, giving a total membership of approximately 40,000.

NZUSA acts for students in all matters of national concern. Education and student welfare are NZUSA's major concerns, but it also takes stands on wider social and political issues on which students, through their representatives, have expressed their collective views.
NZUSA's National Office is in Wellington and is headed by the President along with General and Education and Welfare Vice-Presidents and two research officers working in the areas of Education and Welfare. In addition there are two part-time officers, the Women's Rights Action Committee Co-ordinator and the National Overseas Students' Action Committee Co-ordinator.

NZUSA's policies are made by representatives of its constituent students' associations at Council Meetings twice a year. These policies are carried out under the guidance of the National Executive consisting of the Presidents of the constituent associations and the full-time elected officers of NZUSA.

NZUSA also maintains a travel service through its wholly owned company Student Travel Bureau Ltd. STB Ltd operates the Air New Zealand domestic standby scheme and provides students with low cost overseas travel. STB Ltd has offices on most university campuses including Auckland.

NZUSA's activities are funded by an annual levy of approximately $3 paid by constituent students' associations on account of each individual member. More information about NZUSA can be gained by contacting AUSA or by writing to the President, PO Box 9047, Courtenay Place, Wellington.

**AUCKLAND UNIVERSITY DISTRICT GRADUATES' ASSOCIATION (INC.)**

*President: K. L. Piper, BArch N.Z.*

The Graduates' Association was formed in 1951 with the primary aim of assisting the Court of Convocation to carry out its function of electing six members of the Court to the University Council, the governing body of the University of Auckland, and to make representations to the Council on any matter concerning the interests of the University.

Other objects of the Graduates' Association are the provision of facilities for intellectual and social intercourse among University graduates, the promotion of interest in University affairs among graduates and others, the publishing of magazines, periodicals, etc dealing with matters concerning graduates or University affairs, and generally furthering the interests of University graduates who are, or have been, members of the Court.

The Association also concerns itself with the interests of undergraduates, particularly in relation to welfare, accommodation, etc. A recent Association project was the setting up of a student loan fund for short-term loans to students in temporary financial difficulties. (Applications for these are made through the Student Counsellors.)

Most lectures and discussions are held at the Maclaurin Hall in Princes Street, and most social functions at the Student Union.

Membership of the Association is open to graduates and diploma holders of any University (in or out of New Zealand).

Those eligible to join the Association who have not already done so would be welcomed as members. The President, Mr K. L. Piper, 71 Balmoral Road, Mt Eden, phone 600-975, will be pleased to receive membership inquiries or to give further information about the activities of the Association and the Court of Convocation.

**AUCKLAND UNIVERSITY CLUB (INC.)**

*President: D. J. Oldham.*

*Vice-Presidents: Penelope Ridings, BA., MJur, G. F. Witton.*

*Secretary/Manager: P. T. Middledorp.*

The Auckland University Club Inc., having obtained a Club Charter, opened its premises on the top floor of the Cafeteria Block in the Student Union on 1 June 1968. The Club provides the means by which former graduates can maintain close links with other graduates, with present students and with members of the University Staff. It encourages a closer relationship between the University and the professional and business community.

Membership is open to persons over the age of 20 who are members of the Court of Convocation of the University of Auckland, graduates or diploma holders of other Universities,
members of professional societies who have gained a substantial portion of their professional qualifications as students of the University of Auckland, and members of The Auckland University Students' Assn (Inc.). Numbers are limited in terms of the Club Charter to 2250. Application forms are available from the Secretary.

The Club is located in its own premises at 23/25 Princes St where the facilities include a restaurant, two bars, private function room, reading room and a pool room.

THE NEW ZEALAND UNIVERSITIES GRADUATES ASSOCIATION (UK)

The New Zealand Universities Graduates Association (UK) was formed in 1967 with the main aim of creating and fostering opportunities for graduates of New Zealand Universities to establish contacts with other New Zealand graduates in the United Kingdom of Great Britain and Northern Ireland.

Other objects of the Association are the establishment of links with Universities and University organisations throughout the United Kingdom and New Zealand, and to make known to visitors the names of individuals or organisations who might be helpful to them.

Membership is open to holders of a degree or equivalent professional qualifications and associate membership is available to all members of NZUSA who are not yet graduates. Subscriptions are subject to review and in 1979 were member £2, Associate member £1.50, Student £0.75, husband and wife (both qualified) £3.

The Secretary will be pleased to receive membership inquiries and give further information. Postal Address: Secretary Dr M. Barak, Baydon Cottage, Folders Lane, Burgess Hill, Sussex, UK.
ENROLMENT PRE-ENROLMENT

Because of insufficient accommodation and restrictions on staffing there will be a limitation on the number of students who can be enrolled for certain courses at the University in 1980. With a few exceptions (see Notes) those wishing to enrol in 1980 for any of the Courses of Study listed below must complete a pre-enrolment application by the date prescribed. Application forms are available from the Registrar, University of Auckland, Private Bag, Auckland, or at the Inquiries Counter, Administration Building, 24 Princes Street. An intending student will not be permitted to enrol in any of the Course of Study listed below unless he has received notice in reply to his pre-enrolment application that a place is available to him in 1980. Students wishing to enrol for Courses of Study other than those listed below do not need to pre-enrol.

<table>
<thead>
<tr>
<th>Architecture and Town Planning</th>
<th>Closing Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>BArch First Professional</td>
<td>10 January</td>
</tr>
<tr>
<td>DipVal Intermediate and First Professional</td>
<td>10 January</td>
</tr>
<tr>
<td>BTP First Town Planning Examination (for the first time)</td>
<td>10 January</td>
</tr>
<tr>
<td>DipTP (for the first time)</td>
<td></td>
</tr>
<tr>
<td>MTP</td>
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<table>
<thead>
<tr>
<th>Arts</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>BA Accounting Stage 1 (as for BCom Part I)</td>
<td>10 January</td>
</tr>
<tr>
<td>Students intending to advance Music beyond Stage I</td>
<td>30 November</td>
</tr>
<tr>
<td>Music (by students intending to enrol for Masters papers in Music)</td>
<td>1979 for 1980*</td>
</tr>
<tr>
<td>All other students in Music</td>
<td>20 January</td>
</tr>
<tr>
<td>Anthropology, all papers</td>
<td></td>
</tr>
<tr>
<td>Art History, all papers</td>
<td></td>
</tr>
<tr>
<td>Geography, Stage I papers</td>
<td></td>
</tr>
<tr>
<td>Management Studies, 72.200 only</td>
<td></td>
</tr>
<tr>
<td>Maori Studies, 04.101</td>
<td>20 January</td>
</tr>
<tr>
<td>Psychology, Stage I papers</td>
<td></td>
</tr>
<tr>
<td>Sociology, MA option (ii)</td>
<td></td>
</tr>
<tr>
<td>Spanish 45.100, 45.101</td>
<td></td>
</tr>
<tr>
<td>DipEdPsych</td>
<td>31 October 1979 for 1980*</td>
</tr>
<tr>
<td>DipGuid</td>
<td>30 November 1979 for 1980*</td>
</tr>
<tr>
<td>DipDrama by letter</td>
<td>20 January</td>
</tr>
</tbody>
</table>

*Note: Students enrolling for first year courses for the first time at any University will not be required to pre-enrol in the Faculty of Arts for 1980.

<table>
<thead>
<tr>
<th>Commerce</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>BCom, any paper or papers in Part I</td>
<td></td>
</tr>
<tr>
<td>Accounting Stage I and Commercial Law Stage I for any course of study</td>
<td>10 January</td>
</tr>
<tr>
<td>Management Studies 72.200 (for any course of study except BCom)</td>
<td></td>
</tr>
<tr>
<td>DipBIA (for the first time)</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Engineering</th>
<th></th>
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</thead>
<tbody>
<tr>
<td>BE First Professional (for the first time)</td>
<td>10 January</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Fine Arts</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>BFA (All courses of study)</td>
<td>10 January</td>
</tr>
<tr>
<td>MFA (First year only)</td>
<td>10 January</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Law</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>LLB &amp; LLB(Hons) (except for Intermediate)</td>
<td></td>
</tr>
<tr>
<td>LLM, MJur</td>
<td>10 January</td>
</tr>
<tr>
<td>DipCrim</td>
<td></td>
</tr>
<tr>
<td>Law Professional</td>
<td></td>
</tr>
<tr>
<td>Intermediate: Accounting Stage I (as for BCom Part I)</td>
<td></td>
</tr>
</tbody>
</table>

1980 Calendar
**Student Services, Pre-enrolment**

<table>
<thead>
<tr>
<th>Medicine and Human Biology</th>
<th>1 October 1979 for 1980*</th>
</tr>
</thead>
<tbody>
<tr>
<td>BHB (for the first time)</td>
<td>31 January 1980*</td>
</tr>
<tr>
<td>BHB II and III</td>
<td>15 October 1979 for 1980*</td>
</tr>
<tr>
<td>MBChB I and II</td>
<td>1 October 1979 for 1980*</td>
</tr>
<tr>
<td>MMedSci</td>
<td>1 October</td>
</tr>
<tr>
<td>DipPaed</td>
<td>1 September 1980</td>
</tr>
<tr>
<td>DipObst</td>
<td>1 March and</td>
</tr>
<tr>
<td>DipG&amp;O</td>
<td></td>
</tr>
</tbody>
</table>

**Music**

<table>
<thead>
<tr>
<th>BMus (for the first time)</th>
<th>30 November 1979 for 1980*</th>
</tr>
</thead>
<tbody>
<tr>
<td>BMus (Performance) (for the first time)</td>
<td>30 June 1979 for 1980*</td>
</tr>
<tr>
<td>DipMus (for the first time)</td>
<td>20 January 1980</td>
</tr>
<tr>
<td>All other students in the Faculty of Music</td>
<td>20 January 1980</td>
</tr>
<tr>
<td>(including those who have been interviewed for a Performance course in Music and have received confirmation of a place)</td>
<td></td>
</tr>
<tr>
<td>BMus (Performance) (Hons)</td>
<td>30 October 1979</td>
</tr>
<tr>
<td>DipMus Hons</td>
<td>to 1980*</td>
</tr>
<tr>
<td>MMus, MA and MPhil in Music</td>
<td></td>
</tr>
</tbody>
</table>

**Science**

| Biochemistry 66.201, 66.301, 66.302 | 20 January 1980 |
| Biology courses 211, 207/307, 213/316 | 20 January 1980 |
| Zoology courses 202, 302, 310 | 20 January 1980 |
| MSc (Zoology) (for the first time) | 10 January 1980 |
| DipOpt (Div. II for the first time) | 31 October 1979 for 1980* |
| DipClinPsych (for the first time) | 20 January 1980 |
| DipCompMaths | 20 January 1980 |
| **Psychology Stage I papers** | |

*The closing date for Enrolment for 1981 will be on the date stated in 1979 for 1980.

**Students enrolling for the first time will not be required to pre-enrol in these courses.**

Students required to pre-enrol by 10 January or 20 January but who fail to do so by 31 January 1980 may, at enrolment, be enrolled provisionally subject to places being available when those who have pre-enrolled have been placed. Provisional enrolments cannot be confirmed until after enrolment week and subject to payment of late penalty ($10).

The above pre-enrolment requirements do not apply to applicants in the categories mentioned in **Notes 1-10 below.**

**Notes:**

1. **Admission Ad Eundem Statum**
   
   (a) **Students from other New Zealand Universities wishing to transfer to the University of Auckland**
   
   Students on the books of another university in New Zealand wishing to transfer to the University of Auckland are required to make application to transfer on the appropriate form (Form C) to the Registrar not later than 10 January. A late application may be accepted until 31 January and then only with the permission of the Senate and on payment of a fine of $20, and subject to places being available.

   Because the University of Auckland is unable adequately to accommodate all of the students who in 1979 will seek to gain admission, students wishing to transfer to the University of Auckland for any undergraduate course shall be admitted ONLY IF THERE ARE COMPELLING CIRCUMSTANCES FOR TRANSFER TO AUCKLAND. Students wishing to enrol for papers at Stage I level in Arts, Science and Intermediate examinations will be selected on priority gradings based largely on their previous academic record. They may be required to nominate alternative papers and may be re-distributed to these alternative papers if there are inadequate places in the papers of their first choice.

1980 Calendar
(b) **Students from Overseas**

Overseas students wishing to be admitted for the first time to a New Zealand university must:

(i) if applying for undergraduate status, or credits at the University of Auckland, apply to this University for admission not later than 30 September for a place for the following year;

(ii) if not applying for undergraduate status or credits but for admission at entrance level, apply to the Overseas Students Admissions Committee (OSAC), Box 12-348, Wellington North, N.Z., not later than 1 July for a place for the following year.

(iii) if applying for graduate status, apply to the University for admission not later than 31 January.

2. **Terms Carried Forward**

Applications close 10 January, but late applications will be accepted up to 31 January, on payment of a late fee of $5, and subject to places being available. Application forms are available from the Registry.

3. **Provisional Admission**

Applications close 10 January, but late applications may be accepted up to 31 January and then only with the permission of Senate and on payment of a late fee of $5, and subject to places being available. Application forms are available from the Registry. A limitation has been placed on the number of students that may be enrolled for the first time at this University with Provisional Admission. (Students seeking exemption for BArch (Regulations 3 and 4), BCom (Regulation 11), BE (Regulation 7), or BSc (Regulation 10) shall not for this purpose be counted as applicants for Provisional Admission.)

4. **Special Admission**

Applications for Special Admission for DipBIA, DipLGA, DipPHE, and DipTP close 10 January. Application forms (Form D) are available from the Registry.

5. **Failure to make Sufficient Progress in Course of Study — Prior Permission of Senate to Re-enrol**

Students, both graduate and undergraduate, including those transferring from another university, shall not be accepted for enrolment in 1980 unless they have made satisfactory progress or have previously obtained the permission of the Senate to enrol in 1980. For definition of satisfactory progress refer to Enrolment and Course Regulations (General). A student will be deemed to have been engaged in academic studies whether or not he attempted the final examination if at 31 March in that year he was enrolled for a paper or subject as an internal student or had been granted Terms Carried Forward in a paper or subject. Applications for permission to re-enrol, with the prescribed fee of $5 close 10 January, but late applications will be accepted up to 31 January, on payment of a late fee of $10.

6. **Pre-Enrolment Interviews**

A General Information and Advisory Centre in the Student Union, 6 Alfred Street, will be open from 8 February until the end of enrolment week on 17 February. The Liaison Office will be open from 17 January. Deans of Faculties will be available during the week 8 February to 12 February to interview and advise students.

7. **Late Enrolments**

Students enrolling late in the Faculties of Arts or Science, and for Intermediate examinations, if they have obtained prior permission to enrol late, must name any Stage I Arts and Science papers for which they wish to enrol. At enrolment they may be required to nominate alternative papers and to accept re-distribution into these alternatives. Students who have failed to seek prior permission to enrol late but who have been accepted for late enrolment, will be allocated the lowest priority grade for acceptance into those Stage I papers where there is a restriction on enrolment.

Note: This applies to all students who apply to enrol or who enrol late including transfers, provisional admissions, exclusion students and Ad Eundem admissions.

8. **Penalties**

(a) **Late Pre-Enrolment**

A late fee of $10 will be imposed on students who have failed to apply for pre-enrolment by 10 January or 20 January but make application by 31 January. Enrolment is subject to places being available.
(b) Late Enrolment
A student who has been granted a place and fails to enrol on the appropriate day and morning or afternoon as set out in the enrolment timetable may forfeit his place, or if permitted to enrol (i) may be subject to a penalty of $5 for enrolling during enrolment week on the wrong day, morning or afternoon, or (ii) if enrolling after enrolment week will be subject to a penalty of $20 together with a further penalty of $4 for each week or part of a week that the enrolment is late.

(c) Late Additions or Substitutions to Courses
A fine of $4 for each week or part of a week that the application is late for alterations after the following dates:

Note: Late application for pre-enrolment for BHB will only be accepted up to 1 November on payment of the late fee.

(i) Laboratory subjects including the subjects Studio, in the Faculty of Architecture and Fine Arts and any subject of the First, Second or Third Law Examination for LLB or LLB (Hons) Degree or for the Law Professional Examination. After Friday, 11 March
(ii) Subjects of an Engineering Professional year. After the First Friday after the commencement of lectures of the Semester
(iii) all other papers and subjects. After 31 March
(iv) Subject for BArch, Dip Val or NZIA Special Examination. After the First Friday following commencement of lectures or the Third Friday after midterm break, whichever is the earlier.

(d) Late Alterations of Optional Papers for Masters and linked corequisite papers marked in the Schedule for the Degree of Bachelor of Arts where other linked corequisites are being substituted.
A fine of $4 for each week or part of a week that the application is late. After 30 April
(e) Choice of Course
The Course of study of a student making a late enrolment will be determined by the Senate and will not necessarily conform with that proposed by the student concerned. In determining such Course the Senate will have regard to prior claims upon both laboratory and classroom space of students who have enrolled in accordance with the above timetable.

9. Refund of Fees
Students are advised to note particularly the regulation with regard to refund of fees where they alter their Course of Study after enrolment. Under this regulation a full refund of fees paid will be allowed in respect of papers or subjects deleted on or before 31 March (except for subjects of the second semester of a professional year in Engineering when the last date for withdrawal is 15 August). No refund of fees will be made for papers or subjects deleted after 31 March.

Holders of Education Department bursaries, Government study awards, Training College bursaries, Secondary Teachers' Studentships, etc, should note that the University will claim tuition fees from the Department of Education, or authority concerned in respect of those papers or subjects for which they are enrolled as at 31 March and that no amendments to Courses involving alteration to a claim for tuition fees can be accepted after that date.

10. Limitations
Limitations have been placed on the number of students that can be accepted in 1980 for the following Courses of study or subjects.

FACULTY OF ARCHITECTURE AND TOWN PLANNING
For all Courses in the Faculty of Architecture and Town Planning (including Intermediate years) 810
First Professional for BArch 60
First Town Planning Examination (for BTP and DipTP) 45
DipVal (for the first time) 40

FACULTY OF ARTS
Accounting
01.100, 01.101 each 25
Anthropology
03.100 800
03.101 600
03.102/04.101 250
03.200, 03.201 each 90
### Student Services, Enrolment, Limitations

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Description</th>
<th>Fee</th>
</tr>
</thead>
<tbody>
<tr>
<td>03.202</td>
<td></td>
<td>180</td>
</tr>
<tr>
<td>03.203, 03.210 each</td>
<td></td>
<td>75</td>
</tr>
<tr>
<td>03.204</td>
<td></td>
<td>40</td>
</tr>
<tr>
<td>03.206, 03.207 each</td>
<td></td>
<td>80</td>
</tr>
<tr>
<td>03.208/04.203</td>
<td></td>
<td>120</td>
</tr>
<tr>
<td>03.306/04.302</td>
<td></td>
<td>30</td>
</tr>
<tr>
<td>03.308, 03.314, 03.315, 03.316, 03.309 each</td>
<td></td>
<td>25</td>
</tr>
<tr>
<td>03.320</td>
<td></td>
<td>20</td>
</tr>
<tr>
<td>03.325</td>
<td></td>
<td>15</td>
</tr>
<tr>
<td>All stage III papers in Social Anthropology (other than 03.306/4.302)</td>
<td></td>
<td>25</td>
</tr>
</tbody>
</table>

**Art History**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Description</th>
<th>Fee</th>
</tr>
</thead>
<tbody>
<tr>
<td>19.151, 19.152 each</td>
<td></td>
<td>270</td>
</tr>
<tr>
<td>19.257, 19.258, 19.259 each</td>
<td></td>
<td>80</td>
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</table>

**Diploma in Drama**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Description</th>
<th>Fee</th>
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</thead>
</table>

**Economics**

(See Faculty of Commerce below)

**Education**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Description</th>
<th>Fee</th>
</tr>
</thead>
<tbody>
<tr>
<td>14.100</td>
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<td>520</td>
</tr>
<tr>
<td>14.101</td>
<td></td>
<td>560</td>
</tr>
<tr>
<td>14.410</td>
<td></td>
<td>16</td>
</tr>
<tr>
<td>DipEdPsych (first year)</td>
<td></td>
<td>16.100</td>
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</table>

**French**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Description</th>
<th>Fee</th>
</tr>
</thead>
<tbody>
<tr>
<td>34.100/34.110</td>
<td></td>
<td>180</td>
</tr>
<tr>
<td>34.102/34.112</td>
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<td>50</td>
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<tr>
<td>34.106/34.104</td>
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<td>60</td>
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<tr>
<td>34.101, 34.103, 34.109 each</td>
<td></td>
<td>210</td>
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</table>

**History**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Description</th>
<th>Fee</th>
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<tbody>
<tr>
<td></td>
<td>Stage III papers, each</td>
<td>30</td>
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**Italian**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Description</th>
<th>Fee</th>
</tr>
</thead>
<tbody>
<tr>
<td>35.102, 35.103, 35.106, 35.107 each</td>
<td></td>
<td>80</td>
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**Management Studies**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Description</th>
<th>Fee</th>
</tr>
</thead>
<tbody>
<tr>
<td>72.200</td>
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<td>60</td>
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**Maori Studies**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Description</th>
<th>Fee</th>
</tr>
</thead>
<tbody>
<tr>
<td>04.101/03.102</td>
<td></td>
<td>250</td>
</tr>
<tr>
<td>04.302 (see Anthropology 03.306)</td>
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**Music (See Faculty of Music below)**

**Philosophy**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Description</th>
<th>Fee</th>
</tr>
</thead>
<tbody>
<tr>
<td>29.100, 29.101, 29.102, 29.103 each</td>
<td></td>
<td>230</td>
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<tr>
<td>Stage III papers, each</td>
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<td>850</td>
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**Psychology**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Description</th>
<th>Fee</th>
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<tbody>
<tr>
<td>32.108</td>
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<td>550</td>
</tr>
<tr>
<td>32.109</td>
<td></td>
<td>400</td>
</tr>
<tr>
<td>Stage III papers, each</td>
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<td>55</td>
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**Sociology**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Description</th>
<th>Fee</th>
</tr>
</thead>
<tbody>
<tr>
<td>82.101, 82.102 each</td>
<td></td>
<td>420</td>
</tr>
<tr>
<td>82.207</td>
<td></td>
<td>50</td>
</tr>
<tr>
<td>MA Option (ii)</td>
<td></td>
<td>15</td>
</tr>
<tr>
<td>Stage III papers, each</td>
<td></td>
<td>20</td>
</tr>
<tr>
<td>Markers papers Option (i), each</td>
<td></td>
<td>10</td>
</tr>
</tbody>
</table>
Spanish
45.100, 45.101 each .................................................. 90
45.102 ................................................................. 40

FACULTY OF COMMERCE
Accountancy
Accounting 01.100, 01.101 each .................................. 475
Commercial Law 02.100 ............................................ 475
Economics
13.100, 13.101 each .................................................. 300

FACULTIES OF COMMERCE AND ENGINEERING
DipBIA (for the first time) ........................................ 30

FACULTY OF ENGINEERING
First Professional Year ............................................. 195

FACULTY OF FINE ARTS
For all Courses in the Faculty of Fine Arts .................... 150

FACULTY OF LAW
For All Courses in the Faculty of Law (excluding Intermediate) .................................................. 770
First Law Examination .................................................. 200

FACULTY OF MEDICINE AND HUMAN BIOLOGY
Bachelor of Human Biology (for the first time) .................. 110
DipPaed ................................................................. 2

FACULTY OF MUSIC
28.101, 28.102, 28.122 each ..................................... 40
28.103 ................................................................. 80
28.110, 28.215, 28.217, 28.212, 28.302 each ................. 15
28.112, 28.202, 28.211 each ..................................... 20
28.210, 28.216 ........................................................ 10
28.310, 28.318 each .................................................... 5
Music, Masters ......................................................... 12

FACULTY OF SCIENCE
Biochemistry
66.201 ..................................................................... 70
66.301, 66.302 each .................................................. 30

Biology
39.211, 39.213 each ............................................... 60
39.207/39.307 .......................................................... 80
39.316 ................................................................. 24

Cell Biology
40.303, 40.304 each ............................................... 48
40.305 ................................................................. 24

Chemistry
08.270 ..................................................................... 30

Computer Science
07.190, 07.191 each ............................................... 250
07.210, 07.220, 07.230 each ..................................... 50

Geology
Stage III (any course) .............................................. 25
BSc(Hons)Pt IV, MSc, PhD .......................................... 40

1980 Calendar
Psychology
(See Faculty of Arts above)

Zoology
38.201/38.301, 38.202/38.302 each .............................................. 144
38.310 ................................................................................. 24

Zoology, MSc, PhD ................................................................. 60
DipOpt Division II ................................................................. 12
DipClinPsych(first year) ....................................................... 5
**1980 ENROLMENT TIMETABLE**

Students wishing to enrol at the University of Auckland in 1980 are required to attend at the University, Princes Street, to enrol during the hours 9 a.m. to 5 p.m., Monday to Friday 25-29 February 1980 inclusive in accordance with this timetable. Enrolment is not completed until all fees in cash are paid in full.

Students who were required to pre-enrol are asked to bring with them their 'confirmation of place'. Students enrolling for the first time at a university should bring their UE, HSC, Bursary or Scholarship results or evidence of Admission Ad Eundem Statum at entrance level. Any student who has changed name since last enrolment should produce a marriage certificate, a deedpoll, or a statutory declaration.

Students enrolling in more than one Faculty should note that only one enrolment form is required.

Students may collect their enrolment forms from the Old Arts Building, 22 Princes Street, the day before they are required to enrol (Friday 22 February for those enrolling on Monday the 25th). Postgraduate students in Engineering may complete their departmental enrolment on Friday 22 February.

### INITIALS OF SURNAME
### MORNING        AFTERNOON

#### ARCHITECTURE AND TOWN PLANNING

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<td>BSc, DipOpt, DipClinPsych, COP and papers to qualify for entry to courses of study at other New Zealand universities, including Agriculture, Dentistry, Engineering Food Technology, Home Science, Medicine, Surveying, and Veterinary Science. If your 1980 Course of Study includes BCom or LLB papers</td>
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LECTURE AND LABORATORY TIMETABLES

The following section contains lecture and laboratory times for students taking Courses in the Faculties of Arts, Commerce, and Science.

Timetables for lectures in the Schools of Architecture, Engineering, Fine Arts, Law, Medicine, and Music will appear on departmental noticeboards at the beginning of the session.

Notes:
(1) The timetable is a basic structure only; additional information is available from the Department.
(2) Certain classes are held at times arranged by the Departments concerned; in particular these are:
   (i) lectures for Masters degree courses;
   (ii) tutorials and oral and practical classes (this applies to a large number of subjects);
   (iii) classes held at times arranged by the Departments concerned—these are:
      (i) lectures for Masters degree courses;
      (ii) tutorials and oral and practical classes (this applies to a large number of subjects).
   Details of all the above are placed on Departmental noticeboards or promulgated at early class meetings.
(3) Stage I Science lectures are given in sets. Before the beginning of the session students should consult Departmental noticeboards to see which sets of lectures they are required to attend and to confirm the hours shown in the timetable.
(4) Departments will announce the allocation of individual courses to particular lecture hours. Some of the lecture hours shown will be used for optional or alternative courses and in some cases all lecture hours allocated may not be utilised.
(5) Students will not be permitted to enrol in Courses of Study that have a clash in lecture times, except with the approval of the Senate.
(6) Bracketed Papers. Each bracketed paper will be taught at one or more of the times listed. Details are available from the Departments concerned.

ABBREVIATIONS

For Building locations see map inside front cover.

Bot  Botany Lecture Theatre, Old Biology Building (access from 5 Symonds St)
C Bio  Cell Biology Lecture Theatre, Room 220 Thomas Building (access from 5 Symonds St)
Chem  Chemistry Building (corner Symonds and Wellesley Streets) contains the large and medium lecture theatres.
Eng  Engineering School, 24 Symonds St.
HS  Human Sciences Building, entry from 10 Symonds Street
Lib  Library Building, corner Princes and Alfred Streets
ULT  Upper and Lower Lecture Theatre Building
LLT  Behind Old Arts building, access from 22 Princes Street or 5 Symonds Street.
Maths  Mathematics Lecture Theatres, Physics/Maths Building (36 Princes St).
O Art  Old Arts Building (22 Princes Street).
OCH  Old Choral Hall, corner Symonds and Alfreds Streets
Phys  Physics Lecture Theatres, Physics/Maths Building (36 Princes Street).
Zoo  Zoology Lecture Theatre, Old Biology Building (access from 5 Symonds St).
Dept  Departmental Room.
T Theatre
(i)(x)  Class Streams.
1-4  Quarters of year (for Science classes only), where teaching is for the full year quarters are not shown.

Note: This timetable is subject to change as class numbers and staff teaching commitments become stabilized.

For Arts and Commerce only
(A) — first HALF year only, commencing approx 3 March
(B) — second HALF year only, commencing approx 23 June
(C) — first THIRD year only, commencing approx 3 March
(D) — second THIRD year only, commencing approx 5 May
(E) — third THIRD year only, commencing approx 28 July

As these are approximate dates, Departmental notice boards for information handouts should be checked for exact dates.

LECTURE TIMETABLE 1980

ACCOUNTING

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I  02.100 (i)  T, W 3  Lib B28
   (ii)  Th, F 3  Lib B10
II  02.200 (i)  T, W 3  Lib B10
   (ii)  Th, F 2  Lib B10
   02.201 (i)  T, W 11  Lib B28
   (ii)  W, Th 9  Lib B15
III  02.300 A-L (i)  T 8, 9  O Art 102
   (ii)  T, W 12  O Art 102
   (i)  T 8, 9  O Art 006
   (ii)  T, W 12  O Art 006
   02.301 (i)  W 4, 5  O Art 202
   (ii)  Th 8, 9  O Art 202
   02.302  M 4, 5  O Art 035
   02.303  T 5, 6  O Art 102
   02.304  T 3, 4  O Art 036

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I  07.190 (i)  M, T, F 12  MLT 2
   (ii)  T, F 3  MLT 1
   07.191  T, F 11  MLT 1
II  07.210  M, T, F 12  CLT 1
   07.220  M, T, F 2  PLT 1
   07.230  M, T, F 4  PLT 2
   07.290  T, F 12  CLT 1
III  07.304  Refer to Department  Comp Centre
   07.310  T, F 10  Comp Centre
   07.320  Refer to Department  Comp Centre
   07.340  M, T, F 10  PLT 3
   07.390 (i)  M 9  PLT 4
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   13.101 (ii)  M, T, F 12  LLT
   13.102  T, W, F 2  Lib B28
   13.103 (i)  M, T 12  Lib B28
   (ii)  F 12  HSB 1
   13.104 (i)  M, T, F 5  Lib B15
   (ii)  M, T, F 5  Lib B15
II  13.200  T, W 10  O Art 102
   13.201  T, W 9  OCH 1
   13.203  M, F 9  O Art 102
   13.204  M, F 12  O Art 102
   13.205  T, W 11 F 12  Lib G11
   13.210 (A)  M, T, F 4  Lib G11
   (B)  M, T, F 4  Lib G11
   13.211  W, Th 3  Lib G12
   13.212  Th 2  Lib G12
   13.213  Th 2  Lib G12
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   13.301 (ii)  M, T, F 9  Lib G11
   13.302  M, T 11  O Art O11B
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Note: Papers 35.106 and 35.107 are linked and involve 6 hours per week. Students must attend Th 3, F 10 and either M 12, W 11 or W Th 2. Two additional classes (language laboratory and conversation) will be arranged at enrolment.

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(Language laboratory and conversation classes arranged after enrolment.)

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**MUSIC**

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| | | 29.102 | M 12 | Lib B10 |
| | | 29.103 | W 12 (A) | Lib B10 |
| | | 29.101 | M 5 | HSB 1 |
| | | 29.102 | T 5 (B) | HSB 1 |
| | | 29.103 | Th 5 | HSB 1 |
| | | 29.104 | T 5 (A) | HSB 1 |
| II | 29.200 | W 11, 12 | Dept |
| | 29.201 | M 4,5 | Dept |
| | 29.202 | F 2,3 | Dept |
| | 29.203 | Th 9,10 | O Art 102 |
| | 29.204 | M 9,10 | Dept |
| | 29.205 | F 9,10 | Dept |
| | 29.206 | T 4,5 | Dept |
| | 29.207 | T 11,12 | O Art 202 |
| | 29.208 | W 2,3 | Dept |
| | 29.210 | Th 11,12 | Dept |
| | 29.211 | F 11,12 | O Art 202 |
| III | 29.300 | Th 9,10 | Dept |
| | 29.301 | F 11,12 | Dept |
| | 29.302 | M 11,12 | Dept |
| | 29.303 | Th 4,5 | Dept |
| | 29.304 | M 2,3 | Dept |
| | 29.305 | T 9,10 | Dept |
| | 29.306 | T 2,3 | Dept |
| | 29.307 | W 4,5 | Dept |

| PHYSICS | I | 31.104 | Th 3 | Phys LT 2 |
| | | 31.110 | M T Th F 10 | Phys LT 1 |
| | | 31.111 | (i) T F 12 | Phys LT 1 |
| | | (ii) T F 4 | Phys LT 1 |
| | | 31.113 | (i) M T Th F 12 | Phys LT 1 |
| | | (ii) M T Th F 4 | Phys LT 1 |
| | | 31.115 | M T Th F 9 | Phys LT 1 |
| | | 31.120 | M T Th F 10 | Phys LT 1 |
| | | 31.123 | (i) M T Th F 12 | Phys LT 1 |
| | | (ii) M T Th F 4 | Phys LT 1 |
| | | 31.125 | M T Th F 9 | Phys LT 1 |
| II | 31.200 | W 3,5 | Phys LT 1 |
| | 31.201 | T F 2 | Phys LT 1 |
| | 31.210 | T F 10 | Phys LT 2 |
| | 31.220 | M Th 10 | Phys LT 2 |
| | 31.240 | M Th 10 | Phys LT 2 |
| | 31.250 | T F 10 | Phys LT 2 |
| III | 31.312 | M Th 9 | Phys LT 2 |
| | 31.313 | T F 2 | Phys LT 2 |
| | 31.320 | T F 11 | Phys LT 2 |
| | 31.330 | M Th 2 | Phys LT 2 |
| | 31.331 | T F 2 | Phys LT 2 |
| | 31.332 | M Th 2 | Phys LT 2 |
| | 31.341 | M Th 11 | Phys LT 2 |
| | 31.342 | T F 11 | Phys LT 2 |
| | 31.343 | M Th 11 | Phys LT 2 |
| | 31.350 | T F 9 | Phys LT 2 |
| | 31.352 | M Th 9 | Phys LT 2 |
| | 31.353 | T F 9 | Phys LT 2 |

<p>| POLITICAL STUDIES | I | 30.100 | M,T,TH 3 | HSBI |
| | 30.101 | M,T,TH 3 | HSBI |
| | 30.102 | M,W,TH 12 | O Art 202 |</p>
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**Psychology**

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**Russian**

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**Note:** All students attend M12 and M2 (language laboratory) and either group (i) or (ii) for the remainder of the week. Those wishing to join group (ii) should refer to the Department for specific details of the timetable.

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**II & III Intending students should refer to the Department for specific details of the timetable.**

In general papers will be taught as follows:

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### LABORATORY TIMETABLE 1980

#### Note
Laboratories are taken over the same period as the corresponding lectures, unless otherwise stated.

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A substitute laboratory period may be available by arrangement.

### LABORATORY TIMES

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Laboratories for 350 and 351 are taken in the same quarters in which the lectures are taken. 350 Laboratories may not be taken in the same quarters as 351.

### LABORATORY TIMES

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Laboratories for 350 and 351 are taken in the same quarters in which the lectures are taken. 350 Laboratories may not be taken in the same quarters as 351.
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Scholarships, Tertiary Assistance
Grants and Awards

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576 Definitions of Full-Time Study, 1980
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SCHOLARSHIPS, TERTIARY ASSISTANCE GRANTS AND OTHER AWARDS

TERTIARY ASSISTANCE GRANTS

Tertiary Assistance Grants are available to students who hold the necessary academic qualifications and are New Zealand citizens or permanently resident in New Zealand. Leaflets outlining the provisions of the tertiary assistance grants regulations are available from the Registry.

To be eligible for a tertiary study grant a student must be enrolled in and attending all the lectures, laboratories and tutorials in either:

(a) one of the combinations of subjects set out below, or

(b) some other combination of subjects approved by Senate.

DEFINITIONS OF FULL-TIME STUDY 1980

Architecture and Town Planning

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<th>Subject</th>
<th>Credits/Requirements</th>
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<td>Architecture Intermediate</td>
<td>All subjects required for the Intermediate under BArch Reg 5.</td>
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<td>BArch</td>
<td>36 credits</td>
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<tr>
<td>Town Planning Intermediate</td>
<td>6 Arts papers or equivalent in the first year.</td>
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<td>7 Arts papers or equivalent in the second year.</td>
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<td>BTP</td>
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<td>6 Subjects</td>
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Note: A normal course of two years full-time and one year part-time will comprise:

First year: the first 8 listed subjects (24 credits)
Second year: the next 7 listed subjects (23 credits)
Third year: the last 4 listed subjects (15 credits)

A normal four year part-time course will comprise:

First year: the first 5 listed subjects (17 credits)
Second year: the next 6 listed subjects (15 credits)
Third year: the next 4 listed subjects (15 credits)
Fourth year: the last 4 listed subjects (15 credits)

Arts

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<th>Credits/Requirements</th>
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<td>7 papers</td>
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<td>3 Stage III and 3 other papers</td>
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<td>Dip Drama</td>
<td>All work as specified under DipDrama Reg 3 and 4.</td>
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<tr>
<td>DipEd</td>
<td>The required 4 papers and Original Investigation. In the case of</td>
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<td>a student taking Education 14.100 and 14.101 as well as</td>
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<td>Diploma subjects: 14.100 and 14.101 and either 4 papers or 3 papers and</td>
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<td>Original Investigation.</td>
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<td>Pt I or Pt II</td>
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<td>DipGuid</td>
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<td>DipLGA</td>
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Commerce

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<tr>
<td></td>
<td>3 Stage III and 2 other papers</td>
</tr>
<tr>
<td>DipISA</td>
<td>All subjects required under DipISA Reg 4.</td>
</tr>
</tbody>
</table>

Engineering

<table>
<thead>
<tr>
<th>Subject</th>
<th>Credits/Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>BE</td>
<td>A Professional year or equivalent.</td>
</tr>
<tr>
<td>DipBIA</td>
<td>All subjects required under DipBIA Reg 4.</td>
</tr>
</tbody>
</table>

Fine Arts

<table>
<thead>
<tr>
<th>Subject</th>
<th>Credits/Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>BFA</td>
<td>6 papers in the first Professional year.</td>
</tr>
<tr>
<td></td>
<td>9 papers in the second, third and fourth Professional years.</td>
</tr>
</tbody>
</table>
Scholarships, Tertiary Assistance Grants & Awards, Definitions Full-Time Study

Law
Law Intermediate  All subjects required under LLB Reg 3.
LLB
LLB Hons  First, second or third Law examination or equivalent
DipCrim  Division I or II or equivalent

Medicine and Human Biology
BHB
MBChB  Part I, II or III

Music
BMus  6 papers in the first year of enrolment at any University
BMus (Performance)  7 papers
DipMus  3 stage III and 3 other papers
DipMus (Hons)  Performance and 3 papers

Science
BSc  36 credits
BSc (Hons)  30 credits including 18 above Stage I
Dip Comp Maths  24 credits other than Stage I
Dip En Tech (Geotherm)  24 credits including 12 at Stage III
DipMath Ed  All subjects required under DipComp Maths Reg 4.
DipOpt  Parts I, II and III
DipStats  All subjects required under DipMath Ed Reg 3.

Masters' Courses
The student must be pursuing a full-time course approved by the Head of the Department.

TENURE
The period of tenure for the various courses is as follows:

One Year:  DipBIA, DipComp Maths, DipDrama, DipEd, DipEd Psych, DipEn Tech (Geotherm), DipGuid, DipLGA, DipMus(Hons), DipStats, DipISA, DipMath Ed.

Two Years:  DipCrim, DipTP, MBChB, DipVal

Three Years:  BA, BCom, BHB, BMus, BSc, DipMus.

Four Years:  BCom/ACA, BE, BFA, BMus(Performance), BSc(Hons), BTP, DipOpt, LLB, LLB(Hons).

Five Years:  BArch, BA/LLB, BA/LLB(Hons), BA/BMus, BA/BMus (Performance), BA/DipMus, BA/DipMus(Hons), BCom/LLB, BCom/LLB(Hons), BHB/MBChB, BMus/DipMus, BMus/DipMus(Hons), BSc/DipOpt.

1980 Calendar
SCHOLARSHIPS AND PRIZES

A booklet entitled Awards Handbook is available without charge from the enquiry counter at the Registry, Princes Street. This booklet gives full details of the regulations governing scholarships, bursaries, prizes and other awards administered by the University and details of funds available for special assistance.

A handbook published annually entitled University Grants Committee Handbook gives full details of the regulations governing awards administered by the University Grants Committee. This handbook is available from Whitcoulls Ltd, booksellers, and for reference in the University library.

The attention of students and graduates is drawn to the Scholarships Notice Boards in the cloister on the lower ground-floor of the Old Arts Building and in the Student Union.

Review of Scholarship

The Council, in awarding any scholarship, reserves the right to reduce the annual value of such scholarship at any time and from time to time during the tenure of it by any holder should the annual income of the funds of such scholarship, in the opinion of the Council, render such reduction expedient. All scholarships offered are subject to review in the event of the candidate being awarded other scholarships. Every holder of a scholarship shall be deemed to accept the award of same, subject to the above reservation, and notwithstanding that the value of such scholarship is set out specifically in the Regulations.

Re-award of a Scholarship discontinued by the Original Holder.

Fresh applications may be called for in any scholarships discontinued after a period of three months or more from the original date of award; the re-award in the event of the discontinuation of the scholarship to be made on the basis of the original application if possible.

NATIONAL SCHOLARSHIPS AND PRIZES — 1979

Commonwealth Scholarships United Kingdom

Cox, Elizabeth J.
Malone, Louise A.
Wilkinson, J. C.
Brothers, Penelope J.
O'Keefe, R. A.
O'Leary, G. P.
Kuan, D. W.
Lane, C. L.
Little, P. C.
Lowe, G.
Manning, W. G.
McGregor, G. R.
McKibbin, Juliette E.
O'Halloran, Marianne
O'Keefe, R. A.
O'Rourke, Maris L.
Palmer, B. D.
Parker, N. J.
Paterson, R. J.
Plunkett, A. W.
Taggart, M. B.
Taylor, J. A.
Thom, C. W.
Whale, Sheila

William Georgetti Scholarships

McKee Trust Postgraduate Scholarship

Postgraduate Scholarships

Ayrey, C. L.
Bailey, C. G.
Beasley, M. J.
Blomfield, D. A. E.
Brown, A. S.
Chia, J. H. C.
Dawes, Helen M.
Dingley, G. W.
Elder, J. M.
Eyre, Janet A.
Forster, M. K.
Garbett, P. A.
Geraets, J. W.
Glazebrook, Susan G. M
Goh, C. B.
Green, R. M.
Harding, Jane E.
Henderson, G. S.
Ip, Bess M. Y.

Rhodes Scholarship

Shirtcliffe Fellowships

Gordon Watson Scholarship

1980 Calendar

UNIVERSITY OF AUCKLAND SCHOLARSHIPS — 1979

* Awarded without Emolument
Casmene Aickin Memorial Bursary
Auckland Centennial Music Festival Scholarships

Auckland City Council Bursary in Town Planning
Auckland City Council Scholarship in Botany
Auckland Savings Bank Scholarship
Marie d'Albini Scholarship
Bishop Music Scholarship Senior

No Award
Wallis, Felicity A.
White, Meredith K.
Jagger, D. D.
Lindsay, G. B.
Taggart, M. B.
Gummer, Virginia
Williams, C. E.
Kendrick, Susan E.

No Award

Burns, B. R.
Waiti, D. R.
Jackson, M. I.
Gedye, M. J.
Burnett, G. K.
Berghan, M. J.

No Award
Mathieson, Christine J.
Harwood, Leanne H. K.
Green, R. M.

No Award
Daley, P. R.
Scott, P. J. M.
Sinclair G. D.
Brown R. A.

No Award
Wright, A. H.

No Award

Cheshire, P. M.
Tibbles, J. H.
Oswin, R. H.
Fidler, T. E.

No Award

Patterson, D. J.
Dean, Miriam R.
Jackson, M. I.

No Award
Nightingale, S. J.
Johnson, S. J.
Buchanan, P. K.

No Award
Goh, C. B.
Ly, K. H.

No Award
Elliffe, D. M.

No Award
Nicholls, G. D.

Gandar, J. S.
Meyle, Bernice K.
Thom, C. W.

No Award
No Award
No Award

Coulter, Grace L.
Thompson, Margaret L.
Williams, C. E.

Calder, A. J.
Cox, J. G.
Davis, L. R.
Flinn, M. A.

Elizabeth Mary Phillips Scholarships

Grace Phillips Memorial Bursary
W. W. Phillipps Scholarships:
Barnes, M. J.
Barton, J. P.
Brett, W.
Buckland, J. R.
Clapham, M. S. N.
Cooper, J. O.
Cowley, G. L.
Crooks, G. A.
Cunningham, Vicki-Jeanne
Daniels, Janet V.
Donnell, Judith D.
Eastwood, Anne B.
Eastwood, J. G.
Frost, G. D.
Fuimaono, S. N.
Hardie, Donna E.
Hopkins, J. R.

Lissie Rathbone Scholarship
Joe Raynes Scholarship
Kathleen Mary Reardon Memorial Music Scholarship
Sagar Scholarship for String Players
Sanders Memorial Scholarship
Michael Joseph Savage Memorial Scholarship
Senior Scholarships

Barnett, R. J.
Beckett, S. A.
Booth, Joan M.
Beretoan, Penelope A.
Brinsley, Philippa A.
Bryant, Susan
Carey, D. A.
Carley, Susan E. F.
Caughey, Celia M.
*Chang, Maisie M.
Chia, Cheow P.
de Coursey, N. M.
Croft, Julie E.
Dean, Miriam R.
Finlayson, R. S.
Fletcher, R. S.
Forster, M. K.
Gale, R. O.
Gedye, N. S.
Given, N. K.
Greege, S.
Gruzelier, Claire E.
Hamilton, P. A. J.
Hardy, I. R. B.
Haxell, M. R.
Holcroft, P. A.

Sinclair Scholarship
S.P.E.L.D. Association Scholarships

Maxwell Walker Memorial Scholarship
Ivon Watkins-Dow Bursary in Chemical & Materials Engineering
Ivon Watkins-Dow Bursaries in Commerce

Holm, Andrea
McGlashan, Anne F.
Pickworth, Denise M.
Zohs, T. G.
Wright, A. H.

Johnson, Elizabeth J.
Kyle, C. V.
Lewitt, Moira S.
Liley, Helen G.
McAlister, H. F.
Major, Christine
Malloy, T. M.
Ohms, Jane C.
Pattemore, P. K.
Perry, Diana E.
Rapson, I. W.
Robertson, G. W.
Sewell, Janet E.
Sorenson, Anna
Smith, Karen L.
Stone, G. L.
Trotman, C. A. W.
Walters, Anne C.
Waters, Prudence E.

Southon, R. A.
Bosworth, Rhondda
Evans, Ruthchen U.
Kirk, Cecilia J.

No Award
Phillips, Anna M.

Isaacs, R. D.
Jackson, M. I.
Jennings, Jennifer A.
Johnson, Linda C.
Johnson, Olive A.
Johnston, I. G.
Lester, Juliette D.
Manning, W. G.
Mason, G. D.
McKinley, Carolyn
McKibbin, P. R.
McLachlan, A. R.
McMillan, R. K.
Mills, Karen J.
Molloy, Suzanne M.
Murray, A. I.
Mutu-Crigg, Margaret S.
Pollock, B. F.
Simmons, Rochelle
Stott, Ngaire S.
Thurston, Pauline W.
Valentine, D. J.
Wang, Ng B.
Williams, L. R.
Wintle, Marie A.
Wood, Briar A.

Gaze, T. C.
Gregory, P. R.
MacGroucutt, Janice M.

No Award
Protheroe, M. D.
Clarke, M. T.
Wilson, S. J.

1980 Calendar
UNIVERSITY OF AUCKLAND PRIZES — 1978

Allergan Awards

First Award

Second Award

Annual Prizes

Accounting

Ancient History

Anthropology

Applied Mathematics

Architecture

Art History

Asian History

Asian Politics

Biblical History and Literature

Biochemistry

Botany

Cell Biology

Chemistry

Chinese

Commercial Law (Law)

Commercial Law (Commerce)

Computer Studies

Economics

Education

Engineering—Chemical and Materials

Civil

Electrical

Engineering Science

Mechanical

English

Equity and Succession

Fine Arts

French

Geography

Geology

German

Greek

Hebrew

History

Human Biology

Indonesian

Italian

Japanese

Land Law

Latin

Linguistics

Management Studies

Maori Studies

Medicine

Music

Optometry

Philosophy

Physics

Political Studies

Psychology

Pure Mathematics

Appleyard, D. B.

Esposito, J. A.

Boase, M. M.

Wilson, S. J.

Turner, P. A.

Goulding, J. M.

Bailey, C. G.

Ingram, Pamela G.

Weir, Trudy

Francis, Lesley J.

Francis, Lesley J.

Whale, Deborah M.

No Award

Spencer, H. G.

Givan, N. K.

Palmer, B. D.

Gubb, Carole A.

Bradbury, C. R.

Brown, Alison P.

Taylor, C. B.

Adams, Mary A.

Finlayson, R. S.

Jamieson, N. D.

Ho, S. M.

Wong, Padmini

Kelland, C. D.

Protheroe, M. D.

Jones, N. P.

Elder, J. M.

Van Bellen, M. J.

Chen, W. L.

Jacobi, S. R.

Taylor, C. B.

Foster, B. R.

Connell, Mary-Jane

Turner, P. A.

Edwards, Margot F.

Parnell, K. E.

Crowhurst, R. N.

Jacobi, S. R.

Whiteley, Lydia J.

Ross, K. M.

Holcroft, P. A.

Robertson, Marli A.

Van der Mespel, M.

Heng, E. K.

Young, Elaine

Redding, K. J.

Dean, Miriam R.

Connell, Mary-Jane

Hooper, Robyn E.

Humphries, J. H.

Barclay-Kerr, T. H.

Kyle, C. V.

Scholes, P. G.

Jowsey, M. B.

Malpas, J. E.

Parker, Florence E.

Newman, P. A.

Dugdale, J. G. F.

McDonald, Robin F.

Wilkinson, J. C.
Scholarships, Tertiary Assistance Grants & Awards, Auckland Scholarships 1978

Russian
Scandinavian Studies
Sociology
Spanish
Town Planning
Zoology

P. S. Ardern Memorial Prize

Auckland Brick Manufacturers Prizes
First
Second

Auckland District Law Society's Prize
Auckland Stock Exchange Prize
Auckland Town Planning Assoc. Prize in Town Planning
Bartram Memorial Prizes in Geology
Honours Year
Stage III

Beecham Research Laboratories' Prize
L. H. Briggs Memorial Prize
Vernon Brown Memorial Award
Alice Bush Memorial Prize
Butland Prize
Butterworth Prizes

B. Morrison Cassie Memorial Prize
Chisholm Memorial Prize
Ciba-Geigy Prize in Applied Pharmacology and Therapeutics
Clarkson Measured Drawing Prizes

College of General Practitioners' Prize
Cost and Management Accounting Prize
Tony Cotton Memorial Prizes — Graduate Award
undergraduate Award

Marian Cranwell Prize
Gary Davies Memorial Prize
Davies-Sproule Memorial Prize
David Fleming Memorial Prize
Forensic Medicine Essay Prize

Fowlds Memorial Prizes — Architecture and Town Planning
Arts
Commerce
Engineering

Fine Arts
Law
Medicine and Human Biology
Music
Science

Gilfillan, Morris & Co Prizes in Auditing — First Prize
Second Prize

Eric Hector Goodfellow Memorial Prize
James Gordon Goodfellow Memorial Prize
Rosemary Grice Memorial Prize
Habens Prize
Haydon Prize
W. E. Henley Prize in Clinical Medicine
George S. Holmes Memorial Prize
George Hopkins Prize
Institute of Chartered Secretaries & Administrators Prize
Institute of Production Engineers Prize
T. L. Lancaster Memorial Prize in Botany
Desmond Lewis Memorial Prize
Arnold Lillie Prize in Geology
F. A. de la Mare Prize
Dr R. G. McElroy Prize
Monier Prizes

Trubuhovich, Eve
Ross, K. M.
Robinson, Glenda J.
Jacobi, S. R.
Severinsen, G. C.
Davis, A. R.
Parker, Debara C.
Geden, R. G.
Heaps, G. E.
Manning, W. G.
Carey, D. A.
Hudson, Jennifer A.
Matthews, E. R.
Williams, L. R.
Saunders, P. J.
Reinaste, G. W.
Graham, R. M.

Liley, Helen G.
Tracey, Jocelyn M.
France, S. P.
Jonas, M. D.
Forster, Michelle A.
Travers, P. M.
Barnes, M. J.
Lynch, A. J.
Mason, J. G.
Baker, P. A.
Harris, Margaret J.
Dean, D.
Slade, Michelle

No Award

No Award

Ferrier, Mary A. B.
No Award

Hopkins, J. R.
Orsman, C. B.
McKibbin, Juliette E.

Vaughan, Joanne
Deady, G. F.
Saha, G. P.
Clare, Frances E. A.
Cooper, M. S. L. S.

de Jongh, R. M.
Allison, Mary J.

Lowe, G.

Speakman, J. F.
O‘Sullivan, B. P.
Chang, Maisie M.
Forster, M. K.
Jervis, I. H.
Sanders, T. J.
Bryder, Lynda
O‘Keefe, G. W.

Lilly, G. R.
Bennington, Lesley
Evans, O. L.

Lee, T. S.
White, Rosemary G.
Brown, Alison P.
Crippen, T. F.
Bradbury, C. R.
Jennings, Jennifer A.
Farrant, A. J.

1980 Calendar
Scholarships, Tertiary Assistance Grants & Awards, Auck. Scholarships 1978

John Mulgan Memorial Prizes

NZ Institute of Architects Prizes—First Professional

Second Professional

Third Professional

Fourth Professional

NZ Institute of Chemistry (Auckland Branch) Prize
NZ Institute of Valuers' Prize
NZ Society of Accountants' Prize — Accounting I
Accounting II
Pathology Prize
Douglas Robb Prize
Carrick Robertson Prize
Roche Prize in Psychiatry
Christine Roigard Memorial Prize
Arthur Sewell Prize in English
Spedding Consolidated Group Prizes—Second Professional
Third Professional

Sweet & Maxwell Prize
John Tinline Prize in English
H. B. Turbott Prize in Community Health
Paul Turtill Memorial Awards in Geology

Valuers' Registration Board Prize
Wallath Prize
Wilkinson Wilberfoss Prize in Cost and Management Accounting
Wilkinson Wilberfoss Prizes in Financial Accounting

W. D. Wilson Prize
Wilson-Allison Memorial Prize in Dermatology
Maharaia Winiata Memorial Prize
1928 Staff Award in Mechanical Engineering

Farrelly, Elizabeth M.
Graham, R. M.
Brinsley, Philippa A.
de Courcey, N. M.
Cooper, G. D.
Grierson, J. A.
Nees, T. G.
Graham, R. M.
Thompson, R. M. R.
Travers, P. M.
Cheshire, P. M.
Geden, R. G.
Heaps, G. E.
Ingram, P. G.
Orsman, C. B.
Parkes, P. I.
Beckett, S. A.
Lee, S. H.
Hookham, D. C.
Anderson, Elizabeth J.
Black, P. N.
Eyre, Janet A.
Eyre, Janet A.
Eyre, Janet A.
Thomas, Susan E.
Hawkeswood, Rachel A.
Wood, Donelda E.
Partridge, D. J.
Manning, Joanna M.
Phillips, S. J.
Brereton, Felicity A.
Paterson, Lorraine A.
Taylor, W. R.
Lee, Christine B. L.
Farquhar, Cynthia M.
Lockey, P. F.
Anderson, Elizabeth J.
Lockey, P. F.
Thompson, R. M. R.
Oehms, Jane C.
No Award
Fletcher, R. S.
History and Legislation

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526 Chronology of Events
528 Legislation
  For Legislation consult the 1979 edition of the Calendar
529 Arms of the University
CHRONOLOGY OF EVENTS

Compiled from previous Calendars

1882 Auckland University College Act passed, establishing college and endowing it with statutory grant.
1883 College affiliated to University of New Zealand on 6 March and formally opened on 21 May. First Chairman of College Council, Sir Maurice O'Rorke. Foundation professors: T. G. Tucker (Classics and English); G. F. Walker, succeeded by W. S. Aldis (Mathematics); F. D. Brown (Chemistry and Physics); A. P. W. Thomas (Biology and Geology). First Registrar, Rev. R. B. Kidd. Legal subjects lectured on by District Judge. Lectures given for some years in temporary premises.
1887 Natural Science Department moved to Princes Street.
1889 School of Music established.
1890 Premises occupied in Parliament Street.
1895 Department of Modern Languages established.
1899 Lectures in History, Political Economy, etc begun.
1900 Lectures in Engineering begun.
1902 Chair of Music established.
1906 School of Mines and Engineering established. School of Commerce established. Lectures in Education begun.
1907 Chair of Engineering established. Rev C. M. Nelson appointed Registrar.
1908 Choral Hall, Symonds Street, purchased.
1910 Chair of Modern Languages established.
1911 School of Mines, Alfred Street, built.
1913 Separate Chairs of Physics and Chemistry established.
1915 Chair of History and Economics established.
1916 Mr T. W. Leys elected Chairman of College Council. Choral Hall occupied by School of Music and School of Law.
1917 School of Architecture established. Rev A. B. Chappel appointed Registrar.
1918 Faculties of Arts, Law, Commerce, and Music transferred to old Grammar School, Symonds Street.
1919 Science building, Symonds Street, formally opened. Permanent site acquired in Princes Street.
1920 Hon Sir George Fowlds elected Chairman of College Council. Chair of Law established.
1921 Chair of Philosophy established.
1922 Mr M. R. O'Shea appointed Registrar.
1924 Chair of Education established. School of Forestry established.
1925 Chair of Architecture established. School of Agriculture established.
1926 Arts and Students' Buildings, Princes Street, formally opened. Faculties of Arts, Science, Law, Education, Commerce, Engineering, Agriculture and Forestry established.
1927 Chair of Economics and Chair of Geology established. Departments of Economics and History separated.
1929 School of Agriculture transferred to Massey Agricultural College.
1931 School of Forestry transferred to Canterbury University.
1933 Mr K. Mackenzie elected Chairman of College Council. Departments of Botany and Zoology separated.
1935 Mr T. U. Wells elected Chairman of College Council.
1936 Mr H. J. D. M. Mahon elected Chairman of College Council.
1937 Mr L. O. Desborough appointed Registrar.
1938 Mr W. H. Cocker elected Chairman of College Council.
1939 Biology Block opened.
1945 Chair of Botany established.
1946 Department of Geography established.
1947 Chair of Architectural Design established.
1948 School of Engineering moved temporarily to Ardmore. Mr J. A. S. Kirkness appointed Registrar.
1949 Mr K. J. Maidment appointed first Principal. Chairs of Geography, Mechanical Engineering and Anthropology established. O'Rorke Hall opened.

1980 Calendar
1950 Elam School of Fine Arts incorporated in College.
1951 Post-graduate Chair of Obstetrics and Gynaecology established.
1953 Chair of Electrical Engineering established.
1954 Auckland University College Act 1954 passed, consolidating and amending previous legislation. Second Chair of Law established.
1955 Chair of Town Planning established.
1956 Department of Psychology established.
1957 Department of German and second Chair of Chemistry established.
1958 1954 Act amended providing for the Auckland University College to be called the University of Auckland and the offices of President, Vice-President, and Principal to be called Chancellor, Pro-Chancellor, and Vice-Chancellor respectively.
1959 Chair in Architectural Construction established.
1960 Chairs of Fine Arts, Psychology, and Accountancy established.
1963 Second Chairs of Economics, History, and Mathematics, and Chair of English Language established. Department of Adult Education became Department of University Extension.
1964 Chair of Chinese within the Department of Asian Languages and Literatures, a Chair of Nuclear Physics being a third Chair within the Department of Physics, and a third Chair of Law established.
1965 Dean of School of Medicine appointed. Chairs of Chemical and Materials Engineering, and Russian, and a Chair of French being a second Chair within the Department of Romance Languages established.
1966 Chairs of Biochemistry, Plant Pathology and Sociology established. Science building, (Chemistry) formally opened.
1967 Chairs of Anatomy, and Physiology, a second Chair of Anthropology, third Chairs of Chemistry, History, and Mathematics established.
1968 Mr W. H. Cooper elected Chancellor. Chairs of Art History, Medicine, Surgery, and Theoretical and Applied Mechanics, second Chairs of Education, Geography, Psychology, and Zoology, a third Chair of English, and a Chair of Geophysics being a fourth Chair within the Department of Physics, and a fourth Chair of Law established. Student Union and Thomas Building for the Biological Sciences formally opened.
1970 Chairs of Endocrinology, Paediatrics and Psychiatry established. Dr C. J. Maiden appointed Vice-Chancellor. Director of Computer Centre appointed. School of Medicine building formally opened by Her Majesty Queen Elizabeth II.
1971 Department of University Extension renamed Centre for Continuing Education. Mr D. W. Pullar appointed Registrar. Chair in Community Health established.
1972 Chair in Architectural Construction renamed as Chair in Architecture, Chair in Business Studies and a Second Chair in Accountancy established. Science Building (Mathematics and Physical Sciences) opened.
1973 Chair in Child Health Research established. Extensions to Student Union completed.
1974 Mr Justice Speight elected Chancellor. Chair of Business Studies renamed Chair in Management Studies. Clinical Building, School of Medicine and Computer Centre occupied.
1975 Faculty of Medicine renamed Faculty of Medicine and Human Biology, Faculty of Architecture renamed Faculty of Architecture and Town Planning. Chairs in Orthopaedic Surgery and Radiology established.
1976 Maidment Arts Centre completed. Chair in Pharmacology and Clinical Pharmacology established.
1977 Recreation Centre Student Union, University Park Building, Tamaki, and Geography wing of Human Sciences Building completed. Second Chair in Obstetrics and Gynaecology, and Third Chair Psychology established.


**LEGISLATION**

*For legislation consult the 1979 edition of the Calendar.*
ARMS OF THE UNIVERSITY OF AUCKLAND

as granted by Garter, Clarenceux and Norroy and Ulster, Kings of Arms by Letters Patent bearing date the 15th February 1962 and recorded in the College of Arms, London.

Heraldic Description
Azure between three Mullets Argent an open Book proper edged and bound Or with seven clasps on either side Gold on a Chief wavy also Argent three Kiwis proper.

On a scroll set below the Arms appear the words 'Ingenio et Labore'.

Symbolism
The open book together with the motto 'Ingenio et Labore', freely translated as 'by natural ability and hard work', indicate in a general way the aim of the institution and combined with the three stars express the idea of learning pursued under the sky of the Southern Hemisphere. The kiwis are indicative of New Zealand as the bird is absolutely confined to its Islands and the silver wavy chief upon which they are set directs attention to the fact that Auckland is on the sea coast.

Note: British Colour Council Dictionary of Colour Standards, references: AZURE (BCC 196) or (BCC 114).
Prescribed Texts

Contents

532 Prescribed texts
532 Accounting
532 Ancient History
534 Anthropology
534 Architecture
534 Asian History
534 Asian Politics
535 Biblical History and Literature
535 Biochemistry
535 Biology
536 Botany
536 Chemistry
537 Chinese
537 Classical Studies
537 Commercial Law
538 Computer Science
538 Drama
538 Economics
538 Education
540 Educational Psychology
540 Engineering
540 English
543 Environmental Studies
543 Fine Arts
543 French
545 Geography
545 Geology
546 German
547 Greek
548 Hebrew
548 History
549 Human Biology
550 Indonesian
550 Italian
551 Japanese
551 Latin
552 Law
554 Linguistics
554 Local Government and Administration
554 Management Studies
554 Maori Studies
555 Mathematics
556 Medicine
556 Music
557 Optometry
558 Philosophy
559 Physics
559 Political Studies
561 Psychology
562 Russian
563 Scandinavian Studies
563 Sociology
564 Spanish
564 Town Planning
564 Zoology
566 Summary of Subject Codes

1980 Calendar
Prescribed Tests, Accounting, Ancient History

PRESCRIBED TEXTS
Prescribed texts are those texts that students should purchase.
The list of prescribed texts for 1979 which is set out below in alphabetical subject order is not exhaustive. Additional books may be prescribed during the year. Further lists of such prescribed books may be obtained from the appropriate department.
Recommended books are those books which students may purchase if desired. Lists of recommended books and additional reading guides may be obtained from the appropriate departments.

ACCOUNTING

Accounting I
01.100 Colditz, Meigs & Johnson, Australian Accounting, 2nd edn, (McGraw-Hill).

Accounting II
01.201 Barton, Executorship Law and Accounts in New Zealand, 7th edn, (Butterworths); New Zealand Society of Accountants, Management Accounting for the New Zealand Farmers.
01.202 Baggot, J., Cost and Management Accounting Made Simple (W. H. Allen); Shillinglaw, G., Managerial Cost Accounting, 4th edn, (Richard Irwin)

Accounting III
01.300 Most, K. S., Accounting Theory (Grid).
01.302 Shillinglaw, G., Managerial Cost Accounting, 4th edn, (Irwin).

ANCIENT HISTORY

Ancient History I
12.100 Either Readings in World History Vols I (Origins of Civilization) and II (The Ancient Near East), McNeill & Sedlar, (Oxford) OR The Ancient Near East (ed.) Pritchard (Princeton);

Ancient History II
12.200 Students should purchase some of the following — Cambridge Ancient History, Fascicules 10, 34, 57, 64 and 71; Akhenaten, C. Aldred (T. & H.); Tutankhamen C. Desroches-Noblecourt (Penguin); New Kingdom Art in Egypt, C. Aldred (Tiranti); Ancient Near Eastern Texts relating to the Old Testament, Ed. Pritchard (Princeton).
12.201 Ancient Iraq, G. Roux (Pelican); Art and Architecture of the Ancient Orient, Henri Frankfort (Pelican History of Art).
12.202 Herodotus, The Histories; Aeschylus, Prometheus Bound and Other Plays; Thucydides,
The Peloponnesian War; Xenophon, The Persian Expedition, A History of My Times; Arrian; The Campaigns of Alexander, Plutarch, The Rise and Fall of Athens (All Penguin Classics); The Athenian Empire (Lactor I — see paper 12.102); H. Bengtson and others, The Greeks and the Persians (Weidenfeld); Plutarch, The Age of Alexander (Penguin)

12.203 N. Lewis and M. Reinhold, Roman Civilisation Vol II (Columbia Univ Press or paperback Harper Row); Tacitus On Imperial Rome (Penguin Classics).


12.211 Materials will be supplied at cost by the Department.

Ancient History III


Greek source-materials will be supplied by the Department.

12.303 Joan Liversidge, Britain in the Roman Empire (Cardinal Books); S. Frere, Britannia 2nd Edition, (Cardinal Paperbacks); OR P. Hunter Blair, Roman Britain and Early England (Sphere Library); David Wilson, The Anglo-Saxons (Penguin); Some Inscriptions from Roman Britain (Lactor 4 — see Paper 12.102); Tacitus, On Britain and Germany (Penguin), M. Dillon & N. Chadwick, The Celtic Realms (Cardinal Books), or Nora Chadwick, The Celts, (Penguin).


†12.312 If this paper becomes available, a booklist will be available from the Department before Christmas.

Ancient History Honours


12.500

12.502 Texts will be supplied by the Department.

12.510

12.512

12.503

12.513

1980 Calendar
### ANTHROPOLOGY

**Anthropology I**

- 03.100 Keesing, R. M., *Cultural Anthropology: A Contemporary Perspective* (Holt, 1976)

**Anthropology II**

- 03.200 Firth, R., *We, the Tikopia* (Allen and Unwin, 1964 or any other edition).

**Anthropology III**

- 03.319 See Ancient History 12.303.
- 03.320 Massal, E, and J. Barrau, *Food Plants of the South Sea Islands* (South Pacific Commission, 1956).

### MA & Honours


### ARCHITECTURE

Details of any prescribed texts and reading lists will be published in the Department prior to commencement of lectures.

### ASIAN HISTORY

See History

### ASIAN POLITICS

**Asian Politics I**

- 30.103 W. Chai, *The New Politics of Communist China* (Goodyear Publ. Co. ppr); C. A.
Prescribed Texts, Biblical History, Biochemistry, Biology


Asian Politics II
30.205 T. J. S. George, Lee Kuan Yew’s Singapore (Deutsch ppr.); G. P. Means, Malaysian Politics (2nd edn, Univ. of London); Singapore 1976 (Singapore Government Printing Office).

BIBLICAL HISTORY & LITERATURE

Biblical History and Literature I
11.100 As 12.100 with the addition of J. Bright, History of Israel (S.C.M. Press).
11.101 Any text of the Bible (The Revised Standard version is the preferred edition, after which the Jewish Publication Society Torah is the next preferred); J. C. Mays, Amos (London S.C.M. Press); A. A. Anderson, Psalms (Vol. I) (The Century Bible) (Oliphants).

BIOCHEMISTRY

Biochemistry II
66.201 Conn and Stumpf, Outlines of Biochemistry 4th edn, (Wiley).

Biochemistry III
66.301 and 66.302 Reading lists are available from the Departmental Office by 1 December of the year prior to enrolment.

BIOLOGY

Biology I

Biology II & III
39.207, 39.307 Clarke, Statistics and Experimental Design (Arnold); Sokal and Rohlf, Biostatistics (Freeman).
39.212, 39.312 Morton and Miller, The New Zealand Sea Shore 2nd edn, (Collins); Whittaker, Communities and Ecosystems (Macmillan); Chapman, Coastal Vegetation (Pergamon).
BOTANY

Botany I & II
06.102 Weier, Stocking, Barbour, Botany, (5th edn), An Introduction to Plant Biology (Wiley).
06.221 Sutcliffe, Plants and Water. Arnold Sutcliffe, Plants and Temperature. Arnold.

Botany III
06.331 Kenaga, Principles of Phytopathology, 2nd edn, (Balt); Streets, The Diagnosis of Plant Diseases (Univ. Ariz. Press).
06.332 Atkinson, Diseases of Fruit Trees in New Zealand (Government Printer).
06.341 Swanson, Merz & Young, Cytogenetics (Prentice-Hall).
06.361 Radford, Dickison, Massey and Bell, Vascular Plant Systematics (Harper and Row).

Botany for MSc
06.431 and 06.432 Commonwealth Mycological Institute, Plant Pathologists Notebook (1968) (Commonwealth Agricultural Bureau, Kew).

CHEMISTRY

Chemistry I
08.100 Snyder, Introduction to Modern Organic Chemistry (Harper and Row); Cotton and Wilkinson, Basic Inorganic Chemistry (Wiley Internat. edn); Aylward and Findlay, SI Chemical Data (Wiley).
08.101 Snyder, Introduction to Modern Organic Chemistry (Harper and Row); Laboratory Assignments Chemistry 08.101 (Available from the University Bookshop in the Student Union).
08.102 Cotton and Wilkinson Basic Inorganic Chemistry (Wiley Internat. edn); Heslop and Wild, SI Units in Chemistry — an Introduction (Applied Science); Laboratory Assignments 08.102 (Available from the University Bookshop in the Student Union).

Chemistry II
08.210 Atkins, Physical Chemistry (Oxford); Levitt and Kitchener, Findlay's Practical Physical Chemistry, 9th edn, (Longman); Aylward and Findlay, SI Chemical Data 2nd edn, (Wiley); Fritz and Schenk, Quantitative Analytical Chemistry, 3rd or 4th edn, (Allyn and Bacon).
08.220 Cotton and Wilkinson, Basic Inorganic Chemistry (Wiley Internat. edn); Barrett, Introduction to Atomic and Molecular Structure (Wiley); or for students intending to proceed to 08.321, McWeeny, Coulson's Valence, paperback edn, (Oxford).
08.270 Manahan, Environmental Chemistry, 2nd edn, (Willard Grant Press).

Chemistry III
08.310 Atkins, Physical Chemistry (Oxford); Levitt and Kitchener, Findlay's Practical Physical Chemistry, 9th edn, (Longman); Aylward and Findlay, SI Chemical Data 2nd edn, (Wiley).
08.311 Atkins, Physical Chemistry (Oxford); Barrow, Introduction to Molecular Spectroscopy (McGraw-Hill); Levitt and Kitchener, Findlay's Practical Physical Chemistry, 9th edn, (Longman); Aylward and Findlay, SI Chemical Data, 2nd edn, (Wiley).
08.321 McWeeny, Coulson's Valence, paperback edn (Oxford); Tobe, Inorganic Reaction Mechanisms (Nelson).
08.350, 08.351 Wang, Willis & Loveland, Radiotracer Methodology in the Biological, Environmental and Physical Sciences (Prentice-Hall).
Prescribed Texts, Chinese, Classical Studies, Commercial Law

Chemistry for MSc and Honours
08.410 Atkins, Physical Chemistry (Oxford); Bockris and Drazic, Electrochemical Science (Taylor and Francis).
08.411 Davidson, Introductory Group Theory for Chemists (Elsevier); Lynden-Bell and Harris, Nuclear Magnetic Resonance Spectroscopy (Nelson); McLauchlan, Magnetic Resonance (Oxford).
08.420, 08.421 Cotton and Wilkinson, Advanced Inorganic Chemistry (Interscience).
08.422 Basolo and Pearson, Mechanisms of Inorganic Reactions (Wiley).
08.440 McWeeny, Coulson's Valence (Oxford); or Murrel, Kettle and Tedder, Valence Theory (Wiley).

CHINESE

Chinese I

Chinese II

Chinese III
48.300, 48.301 and 48.302 Selected Readings from the writings of some or all of the following authors: Mao Dun, Lao She, Shen Congwen, Ding Ling, Hao Ran and Cao Xueqin; Tangren xiaoshuo; Mencius (Book 6, part 1); Selected poems; Watson, B., Early Chinese Literature (Columbia Univ. Press); Liu, James J. Y., The Art of Chinese Poetry (Routledge & Kegan Paul); Watson, B., Chinese lyricism: 'shih' poetry from the second to the twelfth century (Columbia U.P.).

MA & Honours
48.402 Zhuangzi, chaps 2, 6; Han Yu, selected essays; Liu Zongyuan, selected essays.
48.403 Selected passages from the Shiji and the Zizhi tongjian.

CLASSICAL STUDIES

Classical Studies I

COMMERCIAL LAW

Commercial Law I
02.100 O'Keefe & Farrands, Introduction to New Zealand Law, 4th edn, (Butterworths).

Commercial Law II

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**Commercial Law III**


**COMPUTER SCIENCE**

**Computer Science II**


07.230 Higman, *A comparative Study of Programming Languages* (McDonald/Elsevier); Hopgood, *Compiling Techniques* (McDonald/Elsevier).

**Computer Science III**


A list of prescribed texts for papers 07.190, 07.191 and 07.290 and books for recommended reading can be obtained from the department.

**DRAMA, DIPLOMA IN**

A booklist will be available from the English Department.

**ECONOMICS**

**Economics I**


**Economics II**


**EDUCATION**

**Education I**


**Education II**


**Education III**


**EDUCATIONAL PSYCHOLOGY, DIPLOMA IN**


**ENGINEERING**

Lists of prescribed texts are available from the Departments.

**ENGLISH**

**English I**


18.101 Yeats, *Selected Poetry* (ed.) Jeffares (Pan); Hardy, *Selected Shorter Poems*, (ed.) Wain (Macmillan); Lawrence, *Selected Poems* (Penguin); Susan Knowles, *The Sea Bell and other Poems* (Dent); Lawrence, *The Prussian Officer* (Penguin); Joyce, *Dubliners* (Penguin); Faulkner, *As I Lay Dying* (Penguin); Pynchon, *The Crying of Lot 49,* Sean O’Casey, *Three Plays* (St. Martins Lib.); B. Brecht, *Mother Courage* (Methuen); Craig Harrison, *Tomorrow will be a lovely Day* (Longman Paul); Christopher Hampton, *Savages* (Faber); Harold Pinter, *Old Times* (Methuen); Tom Stoppard, *Rozencrantz and Guildenstern are Dead* (Faber); Fitzgerald, *The Great Gatsby* (Penguin).


**English II**

Prescribed Texts, English


18.201 I. C. Ward, The Phonetics of English (Heffer); R. Quirk and S. Greenbaum, A University Grammar of English (Longmans); D. Crystal and D. Davy, Investigating English Style (Longmans); P. Trudgill, Sociolinguistics: An Introduction (Penguin); P. Cadefoged, A Course in Phonetics (Harcourt Brace-Jovanovich); Malcolm Coulthard, An Introduction to Discourse Analysis (Longmans).

18.210 Wyatt, Poems (Muses Library); More, Utopia (Penguin); Lewalski and Sabol (eds.), Major Poets of the Earlier 17th Century (Odyssey); Milton, Comus and Other Poems (Oxford); Sidney, Selected Poems (Oxford); Spencer, Poetical Works (Oxford).


18.212 The Taming of the Shrew (Penguin); Love’s Labour’s Lost (Arden); Twelfth Night (Arden); Romeo and Juliet (Penguin); Othello (Arden); Hamlet (New Cambridge); Antony & Cleopatra (Arden); King Lear (Arden) — all paperbacks.

18.220, 18.321 Joseph Conrad, Lord Jim (Penguin); Henry James, What Maisie Knew (Penguin); Ford Madox Ford, The Good Soldier (Heinemann: The Modern Novel Series); James Joyce, The Essential James Joyce (Panther); E. M. Forster, A Passage to India (Penguin); Virgina Woolf, To the Lighthouse (Panther); D. H. Lawrence, The Rainbow (Penguin); Evelyn Waugh, A Handful of Dust (Penguin); Graham Greene, Brighton Rock (Penguin); Aldous Huxley, Brave New World (Panther), George Orwell, 1984 (Penguin).

English III

18.300 C. L. Barber, The Story of Language (Pan); A. C. Baugh, A History of the English Language ( Routledge & Kegan Paul). Duplicated material may be used.


18.310 Pericles (New Arden); Cymbeline (New Arden); The Winter’s Tale (New Arden); The Tempest (New Arden); Henry VIII (Penguin); Two Noble Kinsmen. (Penguin).

18.311 English Renaissance Poetry, (ed.) J. Williams (Norton paperback); Wyatt, Poems (Muses Library); Sidney, Selected Poems (Oxford); Spenser, Poetical Works (Oxford Standard Authors); Donne, The Complete English Poems (Penguin); Rabelais, Gargantua and Pantagruel, Vol. I (Everyman); Montaigne, Essays, Vol. II (Everyman); Bacon, Advancement of Learning (Everyman).

18.312 Major Poets of the Earlier 17th Century, (eds.) B. Lewalski and A. Sabol (Odyssey Press paperback); Milton, Poetical Works, (ed.) Bush (Oxford) and Prose Selections, (Oxides) or Prose Writings, (Everyman); Browne, Religio Medici, (Everyman); Bunyan, Grace Abounding (Everyman); Burton, Anatomy of Melancholy I, (Everyman).

18.313/211 Russell A. Fraser and Norman Rabkin, (eds.) Drama of the English Renaissance, Vols 1-2 (Macmillan paperback); Andrew Gurr, The Shakespearean Stage (Cambridge paperback).

18.320 Charles Dickens, Bleak House (Penguin English Library), George Eliot, Middlemarch, (Penguin English Library or Oxford World’s Classics), Daniel Deronda (Penguin English Library); W. M. Thackeray, Vanity Fair (Penguin English Library); Charlotte Bronte, Villette (Everyman paperback or Oxford World’s Classics); Thomas Hardy, Tess of the D’Urbervilles.

18.321, 18.220 Joseph Conrad, Lord Jim (Penguin); Henry James, What Maisie Knew (Penguin); Ford Madox Ford, The Good Soldier (Heinemann: The Modern Novel Series); James Joyce, The Essential James Joyce (Panther); E. M. Forster, A Passage to India (Penguin); Virginia Woolf, To the Lighthouse (Panther); D. H. Lawrence, The Rainbow (Penguin); Evelyn Waugh, A Handful of Dust (Penguin); Graham Greene, Brighton Rock (Penguin); Aldous Huxley, Brave New World (Panther); George Orwell, 1984 (Penguin).

18.322 Defoe, Robinson Crusoe (Penguin), Roxana (Oxford paperback); Richardson, Clarissa (Houghton Mifflin); Fielding, Tom Jones (Penguin); Smollett, Humphry Clinker (Penguin); Sterne, Tristram Shandy (Penguin); M. G. Lewis, The Monk (Grove Press).

18.324 Wordsworth, The Prelude (Penguin); Blake, Complete Writings, (ed.) Geoffrey Keynes (Oxford paperback); Whitman, A Choice of Whitman's Verse, (ed.) Donald Hall (Faber); Shelley, Selected Poetry, (ed.) Nevill Rogers (Oxford paperback); Scott, Heart of Midlothian (Everyman), Old Mortality (Penguin), Waverley (Penguin); Hazlitt, (Text to be specified).

English for MA and Honours

18.400 Prescribed texts will include: Beowulf (ed.) C. L. Wrenn, 3rd edn, revised by W. F. Bolton (Harrap London paperback).


18.402 Prescribed texts will include: Gordon Introduction to Old Norse revised edition (Clarendon Press), together with duplicated material from the Department.

18.403 Prescribed texts will include B. M. H. Strang, History of English (Methuen); G. L. Brook, Notes on English Sound Changes (Manchester U.P.); K. Sisam, Fourteenth Century Verse and Prose (Clarendon Press).

18.405 Yeats, Collected Poems (Macmillan); Ezra Pound, Selected Poems, The Pisan Cantos (Faber paperbacks); T. S. Eliot, Collected Poems (Faber paperback); D. H. Lawrence, Complete Poems (ed.) Pinto and Roberts (Penguin); Imagist Poetry (ed.) Jones (Penguin).

18.406 Sonnets, (ed.) W. G. Ingram and Theodore Redpath (Hodder and Stoughton, paperback); Richard II, (ed.) Peter Ure (Arden paperback); Henry IV, parts 1 and 2, (ed.) A. R. Humphreys (Arden paperback); Henry V, (ed.) J. H. Walter (Arden paperback); Troilus and Cressida (ed.) A. Walker (New Cambridge paperback); Timon of Athens, (ed.) H. J. Oliver (Arden paperback); Measure for Measure, (ed.) J. W. Lever (Arden paperback); All's Well that Ends Well, (ed.) G. K. Hunter (Arden paperback). Text for bibliographic study may be prescribed at a later date; titles will be available from the department.

18.410 R. Huddleston, An Introduction to English Transformational Syntax (Longman paperback); E. Bach, Syntactic Theory (Holt, Rinehart and Winston).


18.414 (1) Joyce, Ulysses (Penguin).
(2) James, The Europeans, What Maisie Knew (Penguin Modern Classics); The Ambassadors (Signet) Portrait of a Lady, the Bostonians (both Penguin Modern Classics).

18.418 Restoration Tragedies, (ed.) James Sutherland (O.U.P. paperback); Restoration Comedies, (ed.) Dennis Davison (O.U.P. paperback); Etheridge, The Man of Mode, (ed.) Carnochan (Regents paperback); Congreve, Comedies, (ed.) Dobree (World's Classics); Dryden, Aureng-Zebhe, (ed.) Link (Regents paperback); Wycherley, The Plain Dealer, (ed.) Hughes (Regents paperback); Rochester, Poems, (ed.) Pinto (Muses Library); Seventeenth Century Poetry, (ed.) H. Kenner (Rinehart paperback); Samuel Butler, Hudibras Parts I and II and Selected Other Writings, (ed.) Wilders and De Quehen (Oxford paperback, English Texts); Dryden, Poems and Fables, (ed.) Kinsley (Oxford paperback); Hobbes, Leviathan, (ed.) MacPherson (Penguin); Pepys Diary (Everyman).


18.424 Dickens: *Oliver Twist* (Penguin); *David Copperfield* (Penguin); *Dombey and Son* (Penguin); *Great Expectations* (Penguin); *Little Dorrit* (Penguin); *Barnaby Rudge* (Penguin); *Our Mutual Friend* (Penguin); *Martin Chuzzlewit* (Penguin).


**ENVIRONMENTAL STUDIES.**

*Environment 200*

*Ehrlich, Ehrlich and Holdren, Ecoscience,* (Freeman, 1977).

**FINE ARTS**

**Studio Theory**


**FRENCH**

**French I**


34.101 Beckett, *En attendant Godot* (Minuit); Godbout, *Salut Galarneau* (Seuil); Prévert, *Histoires* (Folio); Sartre, *Les Mains sales* (LP); Beauvoir, *Le sang des autres* (Folio).

34.102 Departmental material.

34.103 Morin, *Le Paradigme perdu* (Seuil); Daco, *Triomphes de la psychiatrie* (Marabout); Dumont, *L’Utopie ou la mort* (Seuil); Linhart, *L’Etabli* (Minuit); Departmental texts on Sartre and Roy.

34.104 Gougenheim, *Dictionnaire fondamental de la langue française* (Harrap) and departmental material.

34.106 Gougenheim, *Dictionnaire fondamental de la langue française* (Harrap); and Departmental material.


34.112 Departmental material.

34.501 Gougenheim, *Dictionnaire fondamental de la langue française* (Harrap) and departmental material.

**French II**

34.200 *Dictionnaire du français contemporain Spécial Enseignement* (Larousse).

34.201 Sand, *La Mare au diable* (G-F); Maupassant, *Boule de suif* (LP or Folio G); Colette, *Claudine à Paris* (LP); Sartre, *Le Mur* (Folio); Yourcenar, *Coup de grâce* (LP).

34.202 Hugo, *Les Orientales* (LP); Baudelaire, *Fleurs du mal* (Blackwell); Richer, *Verlaine* (Seghers); Parrot & Marcenac, *Euard* (Seghers); Sadoul, *Aragon* (Seghers).

34.203 Chateaubriand, *René* (Manchester UP, or G-F); Hugo, *Ruy Blas* (Nvx. class. Larousse); and *Les Contemplations* (LP); Musset, *Poèmes choisis* (Manchester UP) and *Lorenczcio* (Bordas); Sand, *La Petite Fadette* (G-F).

34.204 Coursebook obtainable from Departmental Secretary.

34.205 Marie de France, *Lais* (Blackwell); Bowen, *Four Farces* (Blackwell); Villon, *Poesies completes* (LP); Faral, *Petite'grammaire de l'ancien français* (Hachette); Lagarde & Michard, *Le Moyen âge* (Bordas).
French III

Prescribed Texts, French

34.300 Dictionnaire du français contemporain Spécial Enseignement (Larousse); Grevisse, Le Bon usage (Hatier).

34.302 Montesquieu, Les Lettres persanes (Folio); Prévost, Manon Lescaut (Harrap); Voltaire, Candide (OUP); Lafayette, La Princesse de Clèves (Droz); Laclos, Les Liaisons dangereuses (G-F).

34.304 Dubois & Lagane, Dictionnaire de la langue française classique (Belin); Molière, Tartuffe (Bordas); Coursebook obtainable from Departmental Secretary.

34.305 Séguin, La Langue française au XVIIIe siècle, and coursebook obtainable from the Departmental Secretary.

34.306 Hollyman, Descriptive Grammar of Old French (from Department); Einhorn, Old French, a Concise Handbook (CUP); Lafarge, French phonology and morphology (Newbury House); Rivers, A Practical Guide to the teaching of French (O.U.P.); Picot, Précis de lexicologie française (Nathan).

French for MA and Honours

34.400 Le Petit Robert (Soc. du Nouveau Littére) or Larousse de la langue française: Lexis (Larousse); Grevisse, Le Bon usage (Hatier).

34.401 La Chanson de Roland (Blackwell); Le Charroi de Nîmes (Champion); Gormont et Isenbart (Champion); Pidal, La Chanson de Roland et la tradition épique des Francs (Picard).

34.402 Du Bellay, Le Regrets et autres oeuvres poétiques (Droz); Ronsard, Le Second livre des amours (Droz); Baïf, Les Amours de Francine I: Sonnets (Droz); Fleurs de Rhétorique (Blackwell).

34.403 Montaigne, Essais, 3 vols. (Folio); Descartes, Les Méditations (PUF); Pascal, Les Pensées (LP Classique).

34.407 Lévi-Strauss, Tristes tropiques (Plon); Teilhard de Chardin, Le Phénomène humain (10 x 18 or Seuil), Genèse d'une pensée (Grasset), and Lettres de voyage (Grasset); Sartre, L'Age de raison, Le Sursis, and Théâtre I (all LP); Malraux, La Condition humaine (LP), and La Voie royale (LP).

34.408 Camus, L'Étranger and La Peste (Folio), Carnets I & II (Gallimard), La Chute and Noces (Folio); Beckett, Murphy, Molloy and Malone meurt (all Minuit).

34.410 Poulet (ed.), Les Chéries actuels de la critique (10 x 18); Doubrovsky, Pourquoi la nouvelle critique (Denoël-Gonthier); Goldmann, Pour une sociologie du roman (Gallimard "idées"); Sartre, Situations II (Gallimard); Barthes, Critique et vérité (Seuil); Mauron, Le Dernier Baudelaire (Corti); Starobinski, L'Oeil vivant (Gallimard).

34.411 Godbout, L'Aquarium, Le Couteau sur la table, Salut Galarneau, D'Amour P. Q., L'île au Dragon (all Seuil); Blaise, La Belle bête (Quebec: Institut Littéraire), Une liaison parisienne (Montreal: Quinze, Stanke), Une saison dans la vie d'Emmanuel. L'Insoumise, Manuscrits de Pauline Archange, Vivre! Vivre!, Un joualonsai, sa joualoni (all Montreal: Editions du Jour).

34.412 Robert de Clari, La Conquête de Constantinople (Champion); Aucassin et Nicolette (Champion); Adam de la Halle, Le Jeu de Robin et Marion (Harrap); Gossen, Grammaire de l'ancien picard (Klincksieck).
Prescribed Texts, Geography, Geology

34.413 Peletier du Mans, Dialogue de l'ortografe et prononciacion françoys (Droz); Du Bellay, La Deffence et illustration de la langue françoys (Droz).

34.416 Darmesteter, Traité de la formation des mots composés (2nd edn, Champion).

34.417 Mackey, Language Teaching Analysis (Longmans); Wilkins, Linguistics in Language Teaching (Arnold); Valdman, Introduction to French Phonology and Morphology (Newbury House); MacCarthy, The Pronunciation of French (OUP); François, L"Enseignement et la diversité des grammaires (Hachette); Roulet, Linguistic theory, linguistic description and language teaching (Longmans); Picoche, Précis de lexicologie française (Nathan).

34.418 Materials available from Department.

34.419 Departmental material.

34.420 Aragon, Les Beaux quartiers (Folio); Courchay, Chroniques pour un cochon malade (Gallimard).

34.422 Ruwet, Théorie syntaxique et syntaxe du français (Seuil); Dubois & Dubois-Charlier, éléments de linguistique française: syntaxe (Larousse); Grosse, Syntaxe du nom (Larousse).

34.423 Proust, Du côté de chez Swann (Folio); Gide, L'Immoraliste, Les Caves du Vatican and Les Faux-monnayeurs (all Folio); Sartre, La Nausée (Folio); Sarraute, Portrait d'un inconnu (Folio); Robbe-Grillet, La Jalouse (Minuit).

GEOGRAPHY
For papers not listed below, see the Department of Geography Students' Guide available from the Secretary.

Geography II

20.203 T. E. Avery, Interpretation of Aerial Photographs (3rd edn, Burgess); F. F. Sabins Remote Sensing: Principles and Interpretation (Freeman).


Geography III

Geography for MA, MSc and Honours


GEOLOGY
Geology I

21.150 Geological Map of New Zealand, scale 1:250,000 Sheet 3, Auckland (Government Printer), Geological Maps of New Zealand, scale 1:100,000 (Government Printer), but note: purchase only the maps and not the Geological Survey Bulletin of the same name.

Geology II

21.202 Geological Maps of New Zealand, scale 1:1,000,000 (Government Printer), but note: it is necessary to have only the maps not the Geological Survey Bulletin of the same name.


Prescribed Texts, German

**Geology III**


**GERMAN**

**German I**

22.100 Messinger/Rüdenberg, *Langenscheidt's Concise English-German/German-English Dictionary* (Hodder & Stoughton); Asher, *The Framework of German*, 12th edn, (Whitcombe & Tombs); Oehler, *Grundwortschatz Deutsch* (Harrap/Klett). Prescribed texts for oral and language laboratory work will be announced at the commencement of the session.

22.101 Dürenmatt, *Der Richter und sein Henker* (Harrap); Otten (ed.), *Meistererzählungen* (Prentice-Hall); selected texts (cyclostyled).

Prescribed texts for beginners will be announced at the commencement of the session.

22.102 Pasley (ed.), *Germany: a companion to German studies* (Methuen); Dube, *The Expressionists* (Thames & Hudson); Thomas Mann, *Death in Venice* (Penguin); Kafka, *Metamorphosis and other stories* (Penguin); Brecht, *The Threepenny Opera* (Eyre Methuen); Boll, *Billiards at half-past nine* (Calder).

**German II**

22.200 As for German I and, in addition: Farrell, *A Dictionary of German Synonyms*, 3rd edn, (CUP, 1977). Prescribed texts for oral and language laboratory work will be announced at the commencement of the session.

22.201 Asher, *A Short Descriptive Grammar of Middle High German* (Oxford); Selected poetry and prose (cyclostyled); Boyd (ed.), *Goethe's Poems* (Blackwell).

22.202 Thomas Mann, *Tonio Kröger* (Blackwell); Thomas Mann, *Tristan* (Reclam); Rilke, *Neue Gedichte* (Insel); Frisch, *Biedermann und die Brandstifter* (ed. Suhrkamp); Frisch, *Biografie: ein Spiel* (Bibl. Suhrkamp); Boll, *Als der Krieg ausbrach* (dtv); Böll, *Zum Tee bei Dr Borsig* (dtv).

Detailed reading lists for language and literature are available on request and will also be distributed to students at the commencement of the session.

**German III**

22.300 As for German II and, in addition: *Der Grosse Duden 2*, *Stilwörterbuch* (Duden); Hammer, *German Grammar and Usage* (Arnold); Wahrig, *Wörterbuch der deutschen Sprache* (dtv Taschenbuch).

Prescribed text for oral and language laboratory work: Hammond, *Fortbildung in der deutschen Sprache* (Students' Book) (OUP)

22.301 (i) Asher, *A Short Descriptive Grammar of Middle High German* (Oxford); Wapnewski, *Walther von der Vogelweide, Gedichte* (Fischer Taschenbuch); *Zwö volle saelekeit (cyclostyled).* (ii) *Die Märchen der Brüder Grimm* (Goldmann).

22.302 (i) Büchner, *Lenz* (Reclam); Stifter, *Brigitta* (Reclam); Grillparzer, *Der arme Spielmann* (Reclam); Keller, *Die drei gerechten Kammacher* (Reclam); Storm, *Der Schimmelreiter* (Reclam); Fontane, *Effi Briest* (Ullstein).

(ii) option (a) Andersch, *Die Rote* (Diogenes Taschenbuch); Hesse, *Der Steppenwolf* (Suhrkamp Taschenbuch); Kafka, *Der Prozess* (Fischer Taschenbuch).

(ii) option (b) Goethe, *Faust I* (Reclam); Schiller, *Don Carlos* (Harrap); Kleist, *Prinz Friedrich von Homburg* (Harrap); Büchner, *Dantons Tod/Woyzeck* (Manchester UP).

1980 Calendar
Detailed reading lists for language and literature are available on request and will also be distributed to students at the commencement of the session.

**MA and Honours**

22.400 As for German III.
22.401 Hartmann von Aue, *Der arme Heinrich* (Blackwell); Gottfried von Strassburg, *Tristan und Isold* (Göschen).
22.402 Wolfram von Eschenbach, *Parzival* (Francke); Bartsch/de Boor (ed.), *Das Nibelungenlied* (Brockhaus).
22.406 B. v. Wiese, *Novelle* (Metzler); the reading list for this paper will be available from the Department.
22.407 Brecht, *Baal* (ed. suhrkamp); Brecht, *Die Dreigroschenoper* (ed. suhrkamp); Brecht, *Aufstieg und Fall der Stadt Mahagonny* (ed. suhrkamp); Brecht, *Fünf Lehrstücke* (Methuen); Brecht, *Die heilige Johanna der Schlachthöfe* (ed. suhrkamp); Brecht, *Frühe Lyrik* (cyclostyled).
22.409 The reading list for this paper will be available from the Department.
22.411 *Die Märchen der Brüder Grimm* (Goldmann); *Deutsche Volksmärchen seit Grimm* (Fischer Taschenbuch); Lüthi, *Märchen* (Sammlung Metzler).
22.413 Thomas Mann, *Die Erzählungen*, (2 vols.) (Fischer Taschenbuch); Thomas Mann, *Buddenbrooks* (Fischer Taschenbuch); Thomas Mann, *Der Zauberberg* (2 vols.) (Fischer Taschenbuch); Thomas Mann, *Der Erwählte* (Fischer Taschenbuch).

**GREEK**

**Greek I**

10.100 and 10.101 Texts (JACT Reading Greek Programme) will be available for purchase from the Department.

**Greek II**

(ii) Reading Course: Aeschylus, *Persae* (ed.) Sidgwick (Oxford); Thucydides IV (1-41), Crees and Wordsworth (Cambridge). Other reading will be supplied by the Department.
(iii) History topic: Social History of Early Greece: a selection of texts will be read, including *Essential Hesiod*, (ed.) C. J. Rowe (B.C.P.) — available from the Department.
(iv) Texts will be supplied.
(v) Jebb: *Selections from the Attic Orators* (Macmillan). For those offering composition, see Greek III (vi).

**Greek III**

10.300/301/302 (i), (ii) as for Greek II. (iii) History option as for Greek II; Philosophy option: Plato, *Menex* (texts will be available on loan from the Department).
(v) Unseen translation: texts will be supplied.
(vi) Prose Composition: L. W. P. Lewis & G. M. Styler, *Foundations of Greek Prose Composition* (Heinemann); W. W. Goodwin, *Greek Grammar* (Macmillan), and a large Liddell & Scott *Greek-English Lexicon* (Oxford) is recommended.

10.303 Intending students should apply to the Department.
Greek for MA & Honours
10.405 Philip and Alexander. Prescribed Texts: Diodorus Siculus Books XVI-XVII (Loeb Classical Library Vols VII and VIII), Arrian (Loeb Classical Library, 2 Vols, of which Vol I edn, P. A. Brunt is essential); Lactor 9 (Greek Historical Inscriptions 359-323 B.C.) would be useful.

HEBREW

Hebrew I

HISTORY

The Department will issue leaflets entitled *Books Recommended for Student Purchase* relating to papers not listed below.

History I

History II

History III

History for MA and Honours
24.401 H. Nelson, *Papua New Guinea: black unity or black chaos?* (Pelican); Albert Maori Kiki,
Kiki: ten thousand years in a lifetime (Cheshire).


ASIAN HISTORY
The History Department will issue leaflets entitled Books Recommended for Student Purchase relating to papers not listed below.


HUMAN BIOLOGY
Part I
60.100, 60.101, 60.102 Roberts, Biology — A Functional Approach, 2nd edn, Nelson; Chapman and Barker, Zoology (Longman Paperback Edition); McKusick, Human Genetics (Prentice-Hall).
60.108 Psychology Today, 4th edn, (CRM books); Tuckett, An Introduction to Medical Sociology (Tavistock, 1976).

Part II
60.203, 60.204 As for 60.205, 60.206, 61.207 (below).
60.205, 60.206, 60.207 Bloom and Fawcett, A Textbook of Histology, 9th edn, (Saunders); Davenport, Physiological of the Digestive Tract 3rd edn, Year Book Medical Publishers, 1971; Robinson, A Prelude to Physiology (Blackwell, 1975); Selkurt, Physiology, 4th edn, (Little, Brown); Lehninger, Biochemistry, 2nd edn, (Worth), or White, Handler, Smith, Hill & Lehman, Principles of Biochemistry, 6th edn, (McGraw-Hill); Woodburne, Essentials of Human Anatomy, 5th edn, (Oxford University Press); Moore, Before We Are Born (Saunders).

Part III
60.301 You will require one textbook of Pathology and one of Microbiology, for use in the 3rd term of 3rd year and throughout the following 3 years of your Clinical Course. The best selection will be discussed with the class before the end of the 2nd term.
Robbin, S. L., & Angell, M., Basic Pathology, 2nd edn (Saunders), or Robbins, S. L., Pathological Basis of Disease (Saunders), or Anderson, J. R., Muir's Textbook of Pathology, 10th edn (Arnold); Jawetz, E., Melnick, J. L. & Adelberg, E. G., Review of Medical Microbiology, 13th or 14th edn (Lange), or Stewart & Beswick, Bacteriology, Virology and Immunity For Students of Medicine, 10th edn (Bailliere Tindall), or Youmans, Paterson, Sommers, The Biologic and Clinical Basis of Infectious Diseases, 2nd edn (Saunders).
60.304 Austin and Short, Reproduction in Mammals (Books I to V) (Cambridge, 1972); Moore, Before We Are Born (Saunders); Lehninger, A. L., Biochemistry 2nd edn, (Worth), or White, Handler, Smith, Hill & Lehman, Principles of Biochemistry, 6th edn, (McGraw-Hill);
60.305 Selkurt Physiology, 3rd edn, (Little Brown); Mountcastle, Medical Physiology 13th edn, (Mosby, 1974).
60.308 Lezak Neuropsychological Assessment (O.U.P.N.Y.).

1980 Calendar
**INDONESIAN**

**Indonesian I**
80.100 and 80.101 Wolff, John U., *Beginning Indonesian*, Part One, Rev. Ed., (Cornell University, Southeast Asia Program); materials for translation will be provided by the Department.
80.103 Materials will be supplied by the Department.

**Indonesian II**
80.202 Materials for the study of Indonesian poets will be supplied by the Department.

**Indonesian III**
80.300, 80.301, 80.302, 80.304, 80.305 Materials will be supplied by the Department.

**Indonesian for MA and Honours**
80.400 Materials will be supplied by the Department.
80.402 *The Hikayat Hang Tuah*.
80.404 A comparative study of printed and manuscript versions of the *Sejarah Melayu*.
80.405 A study of the writings of Hamzah Pansuri.
80.406 Materials will be supplied by the Department.
80.409 Problems in Malaysian and Indonesian Literary Criticism. Texts for consideration will be chosen from: *Hikayat Raja-Raja Pasai*. (Hill, ed.); *Syair Ken Tambuhan*, A. Teeuw, ed.; *Pantun Melayu*, R. J. Wilkinson and R. O. Winstedt; *Jalan Tak Ada Ujung*, Mochtar Lubis; *Ziarah* and *Kooong*, Simatupang; *Pertentangan* (Omar Hashim, ed.).

**ITALIAN**

**Italian I**
35.102 and 35.103 *Concise Cambridge Italian Dictionary* (Penguin).
35.106 and 35.107 *Dizionario inglese-italiano, italiano-inglese* (Garzanti); Lennie & Grego, *Italian for you* (Longman).

**Italian II**

**Italian III**
Prescribed Texts, Japanese, Latin

JAPANESE

Japanese I

Japanese II

Japanese III

MA and Honours
81.402 Selections from the works of modern authors such as Natsume Soseki, Koda Rohan, Akutagawa Ryunosuku, Nagai Kafu, Kawabata Yasunari, Mishima Yukio and others. Specific texts will be prescribed during lectures.
81.403 Selections from Heian monogatari, Gunki monogatari, Zuihitsu, Nikkimono, Setsuwa and others. Specific texts will be prescribed during lectures.
81.404 Selections from Japanese poetry, including theory.
81.405 Selections from Japanese drama, including theory.
81.407 Photostat and cyclostyled texts will be provided by the Department when necessary.

LATIN

Latin I
09.101 For Prose: *Bradley’s Arnold’s Latin Prose Composition*, (ed.) J. F. Mountford (Longmans); *Latin Grammar*, Gildersleeve & Lodge (Macmillan).
09.102 Kennedy’s *Revised Latin Primer* (Longman).
Cyclostyled notes will be available from the Department at cost.

Latin II
(iv) Unseen Translation: Texts will be provided.
Latin III
09.300/301/302 (i), (ii), (iii) as Latin II.
(v) Prose Composition; see 09.101, plus E. C. Woodcock, *A New Latin Syntax* (Methuen);

Latin for MA & Honours
09.402 Juvenal, *Satires* (ed.) J. D. Duff, 2nd edn by M. Coffey (Cambridge); Lucretius: C.
Bailey, *Lucretius, De Rerum Natura* (3 Vols), (Oxford) will be the edition used. Students who
do not wish to purchase a copy should see the Department about borrowing one.
09.403 Tacitus *Annals XIII-XV*. Text either *Annals XI-XVI*, (ed.) Furneaux/Pelham/Fisher,
(2nd edn) (Oxford) or *Annals XIII-XVI*, (ed.) Furneaux/Pitman (Oxford); Cicero, *pro Caelio*,
(ed.) Austin (Oxford). Texts of correspondence will be supplied.
(ed.) Garforth (Bell); *Millennium*, (ed.) F. E. Harrison (Oxford).
09.406 Comedy: Lindsay, W. M., *T. Macci Plauti Comoediae* (2 Vols) (Oxford Classical Texts);
are advised that the University Library has several copies of each of the above prescribed
books.

LAW

First Law Examination

PART A
25.103 Williams, *Learning the Law*, 9th edn, 1973 (Stevens) with Notes for New Zealand
Readers, 1974 (Sweet & Maxwell); Cross, *Precedent in English Law*, 3rd edn, 1977 (Clarendon
Press); Maher, Waller and Derham, *Cases and Materials on the Legal Process*, NZ edn, 1971 by
O'Keefe (Sweet & Maxwell); *The N.Z. U.L.R. Editorial Guide* (Revised April 1971).

PART B
Procedure in New Zealand*, 1978 (Sweet & Maxwell).

Second Law Examination
Stream B: Hinde, McMorland and Sim, *Introduction To Land Law*, 1978 (Butterworths);
(Butterworths).
Students should have copies of the following statutes: Sale of Goods Act 1908, Hire Purchase
Act 1971, Chattels Transfer Act 1924, the Moneylenders Act 1908 and also the Hire Purchase
and Credit Sales Stabilisation Regulations 1957 (as amended).
Prescribed Texts, Law

Students should have copies of the following statutes: Sale of Goods Act 1908, Hire Purchase Act 1971, Chattels Transfer Act 1924, Insolvency Act 1967, Moneylenders Act 1908 and also the Hire Purchase and Credit Sales Stabilisation Regulations 1957 (as amended).


25.211 Bromley and Webb, Family Law, 1974 (Butterworths). Students should have copies of the Statutes listed under 25.216.


25.216 Bromley and Webb, Family Law, 1974 (Butterworths). Students should have copies of the following New Zealand statutes: Marriage Act 1955; Matrimonial Proceedings Act 1963; Adoption Act 1955; Domestic Proceedings Act 1963; Guardianship Act 1968; Matrimonial Property Act 1963; Status of Children Act 1969; Domestic Actions Act 1975. Students contemplating taking Advanced Family Law in a subsequent year are advised to retain their copies of these statutes.


Third Law Examination

25.308 Sim, Practice of the Supreme Court and Court of Appeal in New Zealand 11th edn, 1972 (Butterworths); Wily, Magistrate’s Courts Practice, 7th edn, 1973 (Butterworths).


25.312 Sutton, Creditor’s Remedies, 1978. Students should in addition have copies of the following statutes, with all amendments: Distress and Replevin Act 1908, Wages Protection and Contracts Liens Act 1939 (1972 Reprint), Imprisonment for Debt Limitation Act 1908, Insolvency Act 1967.


25.314 Mathieson, Cross on Evidence, 2nd N.Z. edn, 1971 (Butterworths); Evidence Act 1908, and all amendments, Government Printing Office.


25.322 McMorland, Vendor and Purchaser, 1978 (Butterworths), (being a reprint of Hinde, McMorland and Sim, Land Law, vol ii, chapter 10.)


LLB (Hons)

25.350 Northey, Company Law in New Zealand, 8th edn, 1976 (Butterworths); Gower, Principles of Modern Company Law, 3rd edn, 1969 (Stevens & Sons).


Prescribed Texts. Linguistics, Local Govt & Admin, Management Studies, Maori Studies

**Law Professional**

**LINGUISTICS**

**Linguistics I**

**Linguistics II**

**LOCAL GOVERNMENT AND ADMINISTRATION**

**MANAGEMENT STUDIES**

**Management Studies II**

**Management Studies III**

**MAORI STUDIES**

**Maori Studies I**
04.100 Biggs, Bruce, *Let's Learn Maori* (Reed, 1974); Biggs, Bruce, *English-Maori Dictionary* (Reed, 1979).
Maori Studies II
04.204 Biggs, Bruce, Let's Learn Maori (Reed, 1974); Biggs, Bruce, English-Maori Dictionary (Reed, 1979); Biggs, Bruce, S. M. Mead, P. W. Hohepa, Selected Readings in Maori (copies available from the Anthropology Department); Williams, H. W., A Dictionary of the Maori Language (Government Printer, 1975).
04.205 Waititi, Hoani, Te Rangatahi II (copies available from the Anthropology Department); Williams, H. W., A Dictionary of the Maori Language (Government Printer, 1975); Biggs, B., English-Maori Dictionary (Reed, 1979).
04.206 Pendergrast, M., Maori Basketry for Beginners (Reed, 1975); Mead, S. M., Traditional Maori Clothing (Reed, 1969).

Maori Studies III
04.303 Salmond, A., Hui (Reed, 1976); Mahuta, R. T., Whaikoorero (copies available from Department).
04.306 Biggs, Bruce Let's Learn Maori (Reed, 1974); Grey, Sir George, Nga Mahi a nga Tupuna (Reed, 1971); Williams, H. W., A Dictionary of the Maori Language (Government Printer, 1975); Biggs, B., P. W. Hohepa, S. M. Mead, Selected Readings in Maori (copies available from Department).
04.307 Williams, H. W. A Dictionary of the Maori Language (Government Printer, 1975); Biggs, Bruce, Let's Learn Maori (Reed, 1974); Grey, Sir George, Nga Mahi a nga Tupuna (Reed, 1971); Te Paipera Tapu (British and Foreign Bible Society); Biggs, B., P. W. Hohepa, S. M. Mead, Selected Readings in Maori (copies available from Department).

MATHEMATICS

Maths I
26.120 and 26.121 Hunter, J., Monk, O. Blackburn, W. T., Donald D., Algebra and Number Systems, (Blackie-Chambers).
26.140 Salas, S. L. and Hille, E., Calculus. (One and Several Variables), (Wiley International edn) or (Xerox College Publishing, 1974).
Eton Four-Figure Mathematical and Statistical Tables.
Calculators: see footnote.
Eton Four-Figure Mathematical and Statistical Tables.
Calculators: see footnote.

Maths II
26.221 Lipschutz, S., Theory and Problems of Linear Algebra, (Schaum’s Outline Series).
26.240 Salas, S. L., and Hille E., Calculus. (One and Several Variables), (Xerox College Publishing) or (Wiley International Edition). (3rd edn, preferably).

1980 Calendar
Prescribed Texts, Medicine, Music

Eton Four Figure Mathematical and Statistical Tables.
Calculators: see footnote.

Maths III
26.330 A reading list for this course will be available from the Mathematics Department at the beginning of the year.
26.350 Printed material relevant to this course may be purchased from the Mathematics Department.
26.380 Printed material relevant to this course may be purchased through the Mathematics Department.
26.381 A reading list for this course will be available from the Mathematics Department.
Note: Students taking course 26.180, 26.181 and 26.280 are required to have a battery powered calculator which has at least the following facilities: (i) Square roots, (ii) at least one memory.

A list of books for recommended reading will be available from the Mathematics Department.

MEDICINE
Reading lists are available from the Department.

MUSIC FOR BA & BMus
Music I
28.102 Prescribed scores: as for 28.103.

Music II

1980 Calendar


28.208 Prescribed texts: Grout, D. J., A History of Western Music (Revised edition) (Norton, 1973); Salzman, E., Twentieth Century Music: An Introduction (Prentice-Hall, 1974). Prescribed scores: Bartok, String Quartet No. 4 (Philharmonia Miniature Score); Stravinsky, Canticum Sacrum (Boosey & Hawkes Miniature Score); Lilburn, D., Third Symphony (Faber).


28.212 Prescribed texts: Pilling, The Harmonization of Melodies, Books II and III (Forsyth); Taylor, Eric, Introduction to Score-playing (OUP).


Music III

28.303 Prescribed text: Erik Routley, The Church and Music (Duckworth).

28.309 Prescribed scores: Dvorak, Symphony No. 7 in D minor, op. 70; Sibelius, Violin Concerto; Debussy, Iberia (Images No.2) (either Durand & Cie or United); Schoenberg, * Pierrot Lunaire; Berio*, Cercles (Universal Edition); Farquhar, Concertino for Piano and Strings (Price Milburn Music). Webern, Konzert Op 24 (Universal Edition)


Music for Masters & Honours


OPTOMETRY

Optometry II

44.201 Fincham, W.H.A., Optics (Butterworth); Jolie, M., Principles of Ophthalmic Lenses (Association of Dispensing Opticians).

44.202 Moses R. A., Adler’s Physiology of the Eye (Mosby); Ogle, K. N., Researches in Binocular Vision (Hafner).

44.203 Last, R. J., Wolff’s Anatomy of the Eye and Orbit (Lewis).

44.204 Moses, R. A., Adler’s Physiology of the Eye (Mosby).

44.212 Tighe, J. R., Pathology (Balliere, Tyndall & Cox).
Optometry III
44.303 Lyle and Wybar, *Practical Orthoptics in the Treatment of Squint* (Lewis).
44.312 Either Mandell, R., *Contact Lens Practice: Hard and Flexible* (Thomas) or Stone and Phillips (eds.), *Contact Lenses* (Barrie & Jenkins), Bennett, A. G., *Optics of Contact Lenses* (Association of Dispensing Opticians).

Optometry IV
44.412 Blum, H. L., *Visual Screening for Elementary Schools. The Orinda Study* (Univ. of California Press); Lyle and Wybar, *Practical Orthoptics in the Treatment of Squint* (Lewis).
44.413 Fonda, G., *Management of the Patient with Subnormal Vision* (Mosby).

PHILOSOPHY

Philosophy I
29.102 J. S. Mill *Utilitarianism* (Fontana); Aristotle, *Ethics* (Penguin); I. Kant, *The Moral Law* (Hutchinson paperback).

Philosophy II
29.208 D. Hume, *A Treatise of Human Nature* (ed. Selby-Bigge, O.U.P. paperback); *Plato,
Prescribed Texts, Physics, Political Studies

29.210 Plato, Republic (tr. Lindsay) (Everyman); E. Barker (ed.), Aristotle: Politics (Oxford University Press); A. P. D’Entreves (ed.) Aquinas: Selected Political Writings (Blackwell).

Philosophy III
29.304 J. Glover, Causing Death and Saving Lives, (Pelican).
29.305 L. Linksy; Reference and Modality (Oxford University Press).
29.306 L. Wittgenstein, Tractatus Logico Philosophicus (R.K.P. paperback); L. Wittgenstein Philosophical Investigations (Blackwell); M. Black and P. Geach (eds.), Translations from the Philosophical Writings of P. Frege (Blackwell).

PHYSICS

Physics I
31.110 Orear, Physics (Macmillan, 1979); Laboratory Manual of First Year Physics, published by the Department of Physics and available from the University Bookshop.
31.113 Sears, Zemansky, Young, University Physics, 5th edn (Addison-Wesley); Laboratory Manual of First Year Physics, Published by the Department of Physics and available from the University Bookshop.
31.115 Miller, College Physics, 4th edn (Harcourt, Brace & Jovanovich); Laboratory Manual of First Year Physics, Published by the Department of Physics and available from the University Bookshop.
31.120 Sears, Zemansky, Young, University Physics, 5th edn (Addison-Wesley); Laboratory Manual of First Year Physics, Published by the Department of Physics and available from the University Bookshop.
31.123 as for 31.120. Weidner & Sells, Elementary Modern Physics, Alt. 2nd edn (Ally & Bacon).
31.125 as for 31.115.

Physics II, III, MSc and Honours
Lists of prescribed texts are available from Department Office by 1 December of the year prior to enrolment.

POLITICAL STUDIES

Political Studies I
30.102 John Locke, Two Treatises (Everyman or any full edition); J. J. Rousseau, Social Contract and Discourses (Everyman); David McLellan (ed.), Marx: Selected Writings, (Penguin or O.U.P.); Stephen Lukes, Individualism (Blackwell); Edmond Burke, Reflections on the Revolution in France (Penguin); John Dunn, Western Political Theory in the Face of the Future
Prescribed Texts. Political Studies


 Political Studies II


30.204 J. A. Camilleri, An Introduction to Australian Foreign Policy, (3rd edn, Jacaranda Press, ppr.); Henderson, Jackson & Kennaway (eds), Beyond New Zealand: The Foreign Policy of a Small State (Methuen).


 Political Studies III


30.308 Lists will be available from the Department at the beginning of the year.


1980 Calendar
Political Studies for MA and Honours


30.410 Lists will be available from the Department at the beginning of the year.

30.411 Lists will be available from the Department at the beginning of the year.


PSYCHOLOGY

Psychology I (for Arts and Science)


Psychology II (for Arts and Science)


1980 Calendar
Prescribed Texts, Russian


Psychology II (for Commerce)

Psychology III
32.306 See Departmental Handbook.
32.309 See Departmental Handbook.
32.311 See Departmental Handbook.

Psychology for MA, MSc and Honours

RUSSIAN

Only prescribed books for Russian I, II and III and MA papers offered in 1980 are indicated below. A Handbook, reading lists and additional teaching material in mimeographed form are available from the Department.

Russian I

Russian II

1980 Calendar
Russian III
43.311 B. O. Unbegaun, Russian Grammar (Clarendon).
43.312 A. S. Pushkin, Evgenii Onegin (Bradda); F. M. Dostoevskii, Brat’ia Karamazov (any edition); L. N. Tolstoi, Anna Karenina (any edition).
43.313 I. Bunin, Gospodin iz San-Frantsisko (any edition); James B. Woodward (ed.), Selected Poems of Aleksandr Blok (Clarendon); I. Babel’, Konarmia (Prideaux); V. Maiakovskii, Lirika (available from Department); M. Zoshchenko, Rasskazy (available from Department); E. Zamiatin, Peshchera (any edition); A. Akhmatova, Lirika (available from Department); V. Aksenov, Zhal’, chto vas ne bylo s nami (any edition); Patricia Blake and Max Hayward (eds.), Andrei Voznesenskii, Antiworlds and ‘The Fifth Ace’ (Schocken).

Russian for MA and Honours
43.411 B. O. Unbegaun, Russian Grammar (Clarendon).
43.414 M. M. Shanskii, Russian Lexicology (Pergamon); D. E. Rozental, M. A. Telenkova, Practical Stylistics of Russian (Progress, Moscow).
43.417 I. Andric, Na Drini cuprija (Svjetlost, Sarajevo).
43.420 G. P. Makogonenko (ed.), Russkaia literatura XVIII veka (Prosveshchenie).

SCANDINAVIAN STUDIES
Scandinavian Studies I
46.100 Beite, Basic Swedish Grammar; Hildeman, Practise Swedish; Hildeman, Lär er svenska. textbok – ordlista (all Almqvist & Wiksell).
46.101 H. C. Andersen, selected tales (cyclostyled); Ibsen, The Wild Duck (Penguin); Strindberg, Fröken Julie (Delfin); Bellman, selected poems (cyclostyled); Brandberg, A Swedish Reader (Athlone); selected Swedish poems (cyclostyled).

Scandinavian Studies II
46.200 Beite, Basic Swedish Grammar (Almqvist & Wiksell); Holm & Mathlein, Svensk, svenska. Fortsättningsbok & svensk-engelsk ordbok (Skriptables); Modern svensk-engelsk ordbok (Prisma); Modern engelsk-svensk ordbok (Prisma).
46.201 Bergman, A Short History of the Swedish Language (Swedish Institute); Heidenfors, Danska och norska 3 (Utbildningsförlaget); Lagerkvist, Barabbas (Aldus); Ljungmark, Svenska för vuoxa — Litteratur (Lärömsedklsförlagen); selected Swedish poems (cyclostyled).
46.202 Holberg, Jeppe of the Hill (text supplied by Dept.); Ibsen, Brand (Heinemann), An Enemy of the People (Eyre Methuen), Rosmersholm (Penguin); Strindberg, Påsk. Till Damaskus 1 (Aldus); Hjalmr Bergman, Herr Sleeman kommer; Lagerkvist, Himlens hemlighet (text supplied by Dept.); Ingmar Bergman, The Seventh Seal, Wild Strawberries (Lorimer).

Scandinavian Studies III
46.300 Beite, Basic Swedish Grammar (Almqvist & Wiksell); Lindholm, Svensk grammaak; Bruzeuus, Mera svenska (both Kursverksamheten, Lund); Heidenfors, Danska och norska 3 (Utbildningsförlaget); Modern svensk-engelsk ordbok (Prisma); Modern engelsk-svensk ordbok (Prisma).

SOCIOLOGY
Sociology I
82.101 S. Webb and J. Collette, New Zealand Society (Wiley); Pitt., D. C., Social Class in New Zealand (Longmans); Trlin, A. D., Social Welfare in NZ Society (Methuen).
82.102 Nisbet, Robert, The Sociological Tradition (London, Heinemann); Aron, Raymond.
Main Currents in Sociological Thought (Penguin); Berger, Peter, Invitation to Sociology (Penguin).
Students will be notified by the Department during enrolment week of further required and recommended reading.

Sociology II
82.200 Rossides, D. W., The History and Nature of Sociological Theory (Houghton Mifflin).
Students will be notified by the Department during enrolment week of further required and recommended reading.

SPANISH

Spanish I
45.100 Da Silva, Beginning Spanish, A Concept Approach
45.101 Lorca, La zapatera prodigiosa, Unamuno, Dos novelas cortas: Modern poetry (supplied).
45.102 Da Silva, Beginning Spanish, A Concept Approach.

Spanish II
45.200 Ramsden, An Essential Course in Modern Spanish.
45.202 Becquer, Rimas y leyendas; Blasco Ibañez, La barraca; Aguirre, Antología: Duque de Rivas, Don Alvaro; Delibes, El camino.
45.204 Spanish American Modernist Poetry (supplied); Sábat, El túnel; Rulfo, Pedro Paramo; Solórzano, Teatro hispanoamericano contemporáneo II; Cuentos

Spanish III
45.302 Calderón, La vida es sueño; Tirso de Molina, El burlador de Sevilla; Cervantes, Páginas del Quijote; Quevedo, El búscon; Terry (ed.), Anthology of Spanish Poetry II.
45.304 Lorca, La casa de Bernarda Alba; Cela, La familia de Pascual Duarte; Vallejo, Historia de una escalera; Goytisolo, Duelo en el paraiso; Marchado, Poesías.
45.305 Azuela, Los de abajo; Neruda, Residencia en la tierra (Losada); Asturias, El Señor Presidente; García Márquez, Cien años de soledad; Solórzano, Teatro hispanoamericano contemporáneo I.

TOWN PLANNING
Reading lists are available from the Department.

ZOOOLOGY

Zoology I

Advanced Zoology
Zoology 201, 301 Barnes, Invertebrate Zoology, 3rd edn (Saunders) or Meglitsch, Invertebrate Zoology (Oxford) or Marshall and Williams, A Text-book of Zoology, Vol I, 7th edn, (Macmillan) or Barrington, Invertebrate Structure and Function (Nelson).
Zoology 202, 302 Young, Life of the Vertebrates (O.U.P.), or Weichert, Principles of Chordate Anatomy (McGraw-Hill), or Romer, The Vertebrate Body, 4th edn, (Saunders).
Zoology 203, 303 Saunders, An Introduction to Biological Rhythms, (Glasgow Blackie, 1977); or Brady, Biological Clocks, Studies in Biology No 104.
(Note: course notes must be obtained from the Zoology Department at the start of the course).


Zoology 205, 305 Miller, *Common Insects in New Zealand* (Reed); Romoser, *The Science of Entomology* (Macmillan).

SUMMARY OF SUBJECT CODES

01 Accounting
02 Commercial Law
03 Anthropology
04 Maori Studies
06 Botany
07 Computer Science
08 Chemistry
09 Latin
10 Greek
11 Biblical History & Literature
12 Ancient History
13 Economics
14 Education; Guidance & Counselling
15 Architecture
16 Educational Psychology
18 English
19 Art History
20 Geography
21 Geology
22 German
23 Hebrew
24 History
25 Law
26 Mathematics
27 Fine Arts
28 Music
29 Philosophy
30 Political Studies; Local Government & Administration
31 Physics
32 Psychology: (Arts, Commerce and Science)
34 French
35 Italian
36 Town Planning
37 Urban Valuation
38 Zoology
39 Biology
40 Cell Biology
43 Russian
44 Optometry
45 Spanish
46 Scandinavian Studies
47 Obstetrics and Gynaecology
48 Chinese
50 Engineering: Chemical, Civil
51 Electrical, Science,
52 Mechanical,
53
54
55
56 Engineering, Public Health
57 Engineering Mechanics
59 Languages and Literature
60 Human Biology
63 Behavioural Science
65 Anatomy
66 Biochemistry
67 Physiology
68 Pathology
70 Business and Industrial Administration
71 Language Teaching Studies
72 Management Studies
73 Classical Studies
74 Operations Research
75 Drama
76 Systems Analysis
80 Indonesian
81 Japanese
82 Sociology
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DIRECTORY
The Postal Address for all departments is Private Bag, Auckland

Accommodation Officer, Old Arts Building, 22 Princes Street
Accounts, Old Arts Building, 22 Princes Street
Accountancy, 3 Alfred Street
Administration, 24 Princes Street
Anatomy, School of Medicine, 85 Park Road
Ancient History, Classics and Ancient History Dept, Old Arts Building, 22 Princes Street
Animal Research Laboratories, School of Medicine, 85 Park Road
Anthropology Department, 10 Symonds Street
Anthropology (Linguistics), 10 Symonds Street
(Maori Studies), 10 Symonds Street
(Prehistory), 10 Symonds Street
(Social Anthropology), 10 Symonds Street
Applied Research Office, 24 Symonds Street (Sixth Floor)
Architecture, 26 Symonds Street
Art History, 6 Grafton Road
Asian History, History Department, 1a Wynyard Street
Asian Geography, Geography Department, 14 Symonds Street
Asian Languages and Literatures, 9 Symonds Street
Audio Visual Facilities, Science Building, 23 Symonds Street
Bank, Old Arts Building wing, left of driveway, 5 Symonds Street
Behavioural Science, Psychology Department, 10 Symonds Street
Biblical History, Classics Department, Old Arts Building, 22 Princes Street
Bindery, 176 Kepa Road, Orakei, 5
Biochemistry, Science Building, 23 Symonds Street
Bookshop, Student Union, 34 Princes Street (Deliveries to 25 Anzac Avenue)
Botany, 5 Symonds Street (Deliveries to No 3)

Cafeteria, Student Union, 34 Princes Street
Careers Adviser, at rear of Upper Lecture Theatre
Casher, Old Arts Building, 22 Princes Street
Cell Biology, 5 Symonds Street (Deliveries to No 3)
Chapel and Chaplain, 18 Princes Street
Chemistry, 23 Symonds Street (Deliveries to Wellesley Street East)
Chinese, 9 Symonds Street
Choral Hall, see Old Choral Hall
Classics and Ancient History, Old Arts Building, 22 Princes Street
Community Health, School of Medicine, 85 Park Road
Computer Centre, 24 Symonds Street
Continuing Education, Old Choral Hall, 7 Symonds Street
Counsellors, Old Arts Building wing, left of driveway, 5 Symonds Street
Creche, 30 Wynyard Street
Criminology, Library Building, 5 Alfred Street
Custodian, Office: Old Arts Building, 22 Princes Street

Economics, 2 Alfred Street
Editor of University Publications, 7 Grafton Road
Education, 5 Alt en Road
Educational Psychology, Education Department, 5 Alt en Road
Engineering, 24 Symonds Street (Deliveries to 3 Grafton Road)
English, left of driveway, 5 Symonds Street

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Fine Arts, 20 Whitaker Place  
French, Old Arts Building, 22 Princes Street

Geography, 10 Symonds Street  
Geology, right of driveway, 5 Symonds Street  
Geothermal Institute, Architecture Building, 26 Symonds Street  
Germanic Languages and Literature, 10 Grafton Road  
Government House (Old), 5 Symonds Street  
Greek, Classics and Ancient History Department, Old Art Building, 22 Princes Street  
Gymnasium, 17 Symonds Street  
Hall, Old Arts Building, 22 Princes Street  
Health Service, Old Arts Building wing, left of driveway, 5 Symonds Street  
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Higher Education Research Office, Library Building, 5 Alfred Street  
History, 1a Wynyard Street  
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Information Officer, Registry, 24 Princes Street  
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Engineering, 24 Symonds Street  
Library, 5 Alfred Street  
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Mathematics, 36 Princes Street  
Medical, 85 Park Road  
Physics, 36 Princes Street  
Leigh Laboratory, Goat Island Bay Road, R.D., Leigh, North Auckland (phone Warkworth 26-111)  
Liaison Office, at rear of Lower Lecture Theatre  
Library, Main, 5 Alfred Street (Deliveries to 26 Princes Street)  
Architecture, 24 Symonds Street  
Biological Sciences, 5 Symonds Street (Deliveries to No. 3)  
Chemistry, 23 Symonds Street  
Continuing Education, 7 Symonds Street
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Law, 5th floor, Library Building, 5 Alfred Street
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Linguistics, 10 Symonds Street
Maidment Arts Centre, 8 Alfred Street
Maintenance, left of driveway, 5 Wynyard Street
Management Studies, Old Choral Hall, 7 Symonds Street
Maori Studies, Anthropology Department, 10 Symonds Street
Mathematics, Science Building, 36 Princes Street
Medicine, School of, 85 Park Road
Medicine, Department of, Auckland Hospital, Park Road
Music, 31 Princes Street

New Zealand Energy Research and Development Committee, 24 Symonds Street

Obstetrics and Gynaecology, National Women's Hospital, Claude Road, 3
Old Choral Hall, 1 Alfred Street
Optometry, 8 Symonds Street
O'Rorke Hall, 49 Symonds Street

Paediatrics, School of Medicine, 85 Park Road
Pathology, School of Medicine, 85 Park Road
Pharmacology, School of Medicine, 85 Park Road
Philosophy, Old Arts Building, 22 Princes Street
Photographer, Ground Floor, Science Building, 23 Symonds Street
Physical Recreation (Gymnasium), Student Union, 17 Symonds Street
Physico-Chemistry, 10 Symonds Street
Physics, Science Building, 36 Princes Street (Deliveries to Wellesley Street East)
Physiology, School of Medicine, 85 Park Road
Political Studies, 18 Symonds Street
Post Office, Old Arts Building wing, left of driveway, 5 Symonds Street
Psychiatry, School of Medicine, 85 Park Road
Psychology, 10 Symonds Street
Publications, Editor, 9 Grafton Road

Radio Research Centre, 36 Princes Street, and at Ardmore
Recreation Centre, 17 Symonds Street
Registry, 24 Princes Street
Rex Court, 4 Symonds Street
Romance Languages, Old Arts Building, 22 Princes Street
Russian, 10 Symonds Street

Scandinavian Studies, 10 Grafton Road
Senior Common Room, Old Government House, 5 Symonds Street
Serbo-Croatian, Russian Department, 10 Symonds Street
Sociology, 10 Symonds Street
Spanish, Old Arts Building, 22 Princes Street
Student Accommodation, Old Arts Building, 22 Princes Street
Student Counselors, Old Arts Building wing, left of driveway, 5 Symonds Street
Student Health, Old Arts Building wing, left of driveway, 5 Symonds Street
Student Union, 34 Princes Street
Surgery, Auckland Hospital, Park Road
Theatre and Student Activities Officer, Student Union, 34 Princes Street
Thomas Building, 5 Symonds Street (Deliveries to No. 3)
Town Planning, 26 Symonds Street

1980 Calendar
University Club, 23/25 Princes Street
University Park, 85 Merton Road, Auckland 6
University Press, 9 Grafton Road
Urban Valuation, Architecture, 26 Symonds Street

Zoology, 5 Symonds Street (Deliveries to No. 3)