The University of Adelaide

Calendar 2004

Handbook of
Postgraduate Programs

Address for Correspondence

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Correspondence about financial matters, and matters relating to buildings and grounds to:

The Executive Director, Finance and Infrastructure

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CRICOS Provider Number 00123M

ISSN 0810-0349

The Arms of the University

The heraldic description of the Coat of Arms is as follows:

Per pale Or and Argent an Open Book proper edged Gold

on a Chief Azure five Mullets, one of eight, two of seven,

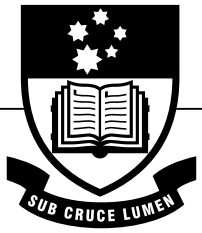
one of six and one of five points of the second,

representing the Constellation of the Southern Cross;

and the Motto associated with the Arms is

Sub Cruce Lumen

'The light (of learning) under the (Southern) Cross'



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Adelaide Graduate Centre

www.adelaide.edu.au/graduatecentre

Contents

Doctor of Philosophy

PhD Rules

1 There shall be a degree of Doctor of Philosophy.

Rules

2.1 The Vice-Chancellor, with authority devolved to her/him by Council, and after receipt of advice from the Board of Research Education and Development, shall from time to time prescribe Rules defining the academic standing required for candidature, eligibility for enrolment, the program of study and research for the degree, the condition of candidature and the assessment for the degree.

2.2 Such Rules shall become effective from the date of prescription by the Vice-Chancellor or such other date as the Vice-Chancellor may determine.

Guidelines

3 The Board of Research Education and Development may from time to time approve guidelines on any matters included in these Rules and may authorise the Dean of Graduate Studies or the Manager, Graduate Administration and Scholarships, to act in accordance with such guidelines without reference to the Board in each case.

Academic standing

4.1 The academic standing required for acceptance as a candidate for the degree shall be an Honours degree of Bachelor of at least a IIA Standard or a degree of Master of the University of Adelaide or the equivalent thereof *. Applications from students with other qualifications will require the approval of the Board of Research Education and Development.

* Where a Master's degree is presented as a qualification for admission to a PhD program, the Master's degree must contain a research component deemed appropriate by the Board of Research Education and Development. A Master's degree which contains only coursework will not be accepted for this purpose.

4.2 A person who holds a degree of another university may be accepted as a candidate provided that the program of study undertaken and the academic standard reached are equivalent to those required of a candidate who is a graduate of the University of Adelaide.

4.3 The Board may accept as a candidate a graduate who does not qualify under Rules 4.1 or 4.2 *but*

(a) has completed to the satisfaction of the Board at least one year of full-time postgraduate study or research *and*

(b) has passed a qualifying examination of Honours standard prescribed by the appropriate Faculty and approved by the Board.

Credit for work previously completed

5.1 The Board may grant credit in the program for the degree of Doctor of Philosophy for research undertaken in another program in the University or in another university or tertiary institution.

5.2 The Board may also grant credit for research undertaken in an organisation other than a University or tertiary institution.

5.3 In consideration for acceptance under Rules 5.1 or 5.2, the Board must be satisfied that

(a) the person is of such academic standing as would be required of other candidates for the degree *and*

(b) the person's progress so far has been satisfactory and the research for which credit is granted is of a satisfactory standard.

Eligibility for enrolment as a candidate for PhD by publication

6.1 The Board may accept as a candidate for the degree a person who is seeking enrolment as a candidate for PhD on the basis of existing publications provided it is satisfied that the person

(a) is of such academic standing as would be required of other candidates for the degree

(b) has written certification from the relevant Executive Dean that the person has completed a substantial body of published research

(c) is a graduate of five years standing

(d) does not already hold a degree of Doctor of Philosophy *and*

(e) is an employee of the University, or is a clinical, affiliate or adjunct title holder, or is an employee of an organisation approved for the purpose of conferment of these titles.

6.2 The Board may also accept as a candidate a former employee (as defined under 6.1(e)) who has left the employ of the University or affiliated organisation for not more than two years from the date of departure provided it is satisfied that Rules 6.1 (a) to (d) have been met.

6.3 A candidate who wishes to present publications generated during candidature as the basis of the award of the degree may do so as described under 20.3.

Enrolment

7.1 A person shall not be enrolled as a candidate for the degree unless:

(a) the applicant's proposed field of study and research is acceptable to the University and the School/ Discipline responsible for the supervision of the candidate's work

(b) in the case of a person granted credit under Rule 5.1, at least one year of full-time study and research, or its equivalent, will still be necessary to complete the work for the degree

(c) In the case of a person granted credit under Rule 5.2, at least two years of full-time study and research, or its equivalent, will be necessary to complete the work for the degree.

7.2 Except with the permission of the Dean of Graduate Studies, a candidate may not enrol concurrently in another academic program.

7.3 Except with the permission of the Dean of Graduate Studies, a candidate who is permitted to enrol concurrently in another academic program and who is granted leave of absence must intermit all academic programs in which they are enrolled.

Duration of candidature and mode of study

8 A candidate may proceed to the degree by full-time study or, if the head of the School/Discipline concerned is satisfied that the candidate has adequate time to pursue supervised research under the control of the University, by half-time study. Except in circumstances approved by the Board, the work for the degree shall be completed and the thesis submitted:

(a) in the case of a full-time candidate, not less than two years and not more than four years from the date of commencement of candidature

(b) in the case of a half-time candidate, not less than four years and not more than eight years from the date of commencement of candidature

(c) in the case of a candidate granted credit under Rule 5.1 the candidature shall normally expire

(i) in the case of a full-time candidate, not less than one year and not more than four years from the date the candidate commenced work in the other program *or*

(ii) in the case of a half-time candidate, not less than two years and not more than eight years from the date the candidate commenced work in the other program.

(d) in the case of a candidate granted credit under Rule 5.2 the candidature shall normally expire

(i) in the case of a full-time candidate, not less than two years and not more than four years from the date the candidate commenced work under the control of the University *or*

(ii) in the case of a half-time candidate, not less than four years and not more than eight years from the date the candidate commences work under the control of the University.

(e) in the case of a person accepted under Rule 6.1, a minimum of six months and a maximum of twelve months from the date of commencement of candidature. The approval of the Board is required for any different expiry date.

Work for the degree

9.1 A candidate shall pursue an approved program of study and research under the control of the University and under the general guidance of supervisors appointed by the University. At least one supervisor shall be a member of the academic staff of the School/Discipline of the University in which the candidate is enrolled.

9.2 A doctoral thesis may comprise a conventional written narrative presented as typescript (see University Calendar Specifications for Thesis), a portfolio of publications (see Rule 9.3) or creative or visual work(s) (see Rule 20.5).

9.3 The candidate may prepare a thesis which comprises a portfolio of publications which have been subject to peer review. Such publications must not have been accepted for any other university award but may have been published prior to candidature (see Rule 6.1) or during candidature

(i) Published papers submitted as a PhD thesis must be closely related in terms of subject matter and form a cohesive research narrative

(ii) The thesis shall also contain a contextual statement including a literature review, linkages between publications and a conclusion showing the overall significance of the work

(iii) The papers submitted should be sufficient for the body of work to constitute a substantial and original contribution to knowledge. The number of papers shall be determined by Faculties in consultation with specific Discipline areas. Where these papers in themselves are deemed to constitute a body of work

worthy of the award, the candidate may include, in addition, papers submitted to journals for publication

(iv) Where papers have multiple authorship, the PhD candidate must be the first or principal author and have written permission of the co-authors

(v) Only papers which have been published or accepted by journals approved by the Discipline area are allowable under these Rules.

9.4 Where other materials are to be examined, such as in the areas of visual, performing, literary or media arts, the candidate must seek approval from the Board of Research Education and Development for the form and presentation of the thesis at the time of completion of the Structured Program for entry to the PhD program

(i) The creative work may be in the form of exhibition, performance, literary work, film or other format approved by the Board of Research Education and Development;

(ii) The creative work should provide a coherent demonstration that the candidate has reached an appropriate standard in the research and has made a significant and original contribution to knowledge in the area. The creative work should be the research outcome, while the exegesis should describe the research process and elaborate, elucidate and place in context the artistic practice undertaken.

9.5 the candidate shall present the context and importance of the research at a School/Discipline seminar.

9.6 the head of School/Discipline shall certify that the thesis is worthy of examination.

Required program of activities at the commencement of candidature

10.1 Each candidate (including those on remote candidature but excluding those enrolled under Rule 6.1 or 6.2) will be enrolled on a provisional basis for the first twelve months of the degree.

10.2 Continuation of enrolment at the end of this period will depend on overall academic progress and the completion of set activities to the satisfaction of the School/ Discipline concerned. These activities will form part of a Structured Program of activities extending through the candidature.

10.3 Such activities will be determined by the School/Discipline through which the candidate is enrolled and in the first year will include the completion and presentation of the research proposal and other programs and skills training deemed necessary by the School/Discipline.

10.4 The research proposal will be agreed and submitted to the Adelaide Graduate Centre preferably within three, but no later than six months from the commencement of candidature.

10.5 A major review of progress after twelve months will recommend confirmation of candidature, termination, or the extension of provisional status. In the case of extension, a further review after a clearly defined period, normally three but not in excess of six months, would form the basis for confirmation or termination or change to a Masters enrolment.

10.6 A candidate who has completed the first year of a Master's program by research and who is qualified and permitted by the Board to transfer to the degree of Doctor of Philosophy will be deemed to have completed the Core Component of the Structured Program of activities and the transfer will confirm candidature in the PhD.

Remote candidature

11.1 Enrolment as a remote candidate may be permitted on the conditions that the School/Discipline concerned can ensure, and the Board of Research Education and Development is satisfied, that appropriate external supervision, with appropriate affiliation, and facilities are available.

11.2 A remote candidate may be required to complete a period of residence in the University of Adelaide as determined by the Board of Research Education and Development in consultation with the School/Discipline concerned.

11.3 In accordance with Rule 8, a remote candidate may proceed to the degree either by full-time or half- time study.

11.4 On the recommendation of the School/Discipline, the Board at any time may permit an enrolled student to enrol as a remote candidate subject to the conditions specified in 11.1, 11.2 and 11.3 above.

11.5 A remote candidate may be permitted to convert to the normal Ph.D. program and shall be subject to the conditions normally applied.

11.6 Not withstanding Rules 11.1 to 11.4 above, remote candidates are also required to abide by the other Rules and guidelines for the Degree of Doctor of Philosophy.

Joint candidature

12.1 Enrolment as a joint candidate may be permitted where a program of cooperation has been formally agreed between the University of Adelaide and another institution for jointly awarded degrees.

12.2 When it is proposed that the candidate spend the majority of candidature away from Adelaide, the Board of Research Education and Development must approve conditions as in 11.1.

12.3 Upon successful completion of the work for the degree, the badges of both institutions may appear on the parchment awarded.

Review of academic progress

13.1 The Board may review the progress of a candidate at any time during the program of candidature and, if the candidate's progress is unsatisfactory, may terminate the candidature.

13.2 A formal review of a candidate's progress shall be conducted by the School/Discipline at least once a year in accordance with guidelines determined by the Board of Research Education and Development and outlined in the Code of Practice for Maintaining and Monitoring Academic Quality and Standards in Higher Degrees.

13.3 The first formal review and confirmation of candidature will occur twelve months after enrolment (see 10.2 above). Subsequent reviews will occur around October each year with written reports forwarded to the Dean of Graduate Studies. A candidate's re-enrolment in the following year is conditional upon satisfactory progress in the year of the review.

13.4 In the case of a candidate accepted under Rule 6.1 or 6.2, the candidate's submission of the thesis for examination is conditional upon the candidate attaining satisfactory progress in the year of review.

Absence from the university

14 Except for remote candidates and candidates accepted under Rule 6.1 or 6.2, the Board, on the recommendation of the School/Discipline concerned, may permit a candidate to pursue away from the University work connected with the research for the degree. Such a permission may only be granted under special circumstances during provisional candidature.

Leave of absence

15 A candidate whose work is interrupted for a period of time may be granted a leave of absence by the Board of up to 12 months. If such an application is approved the minimum and maximum periods specified in Rule 8 will be adjusted accordingly by adding the length of the leave of absence..

Extension of candidature

16 A candidate may be granted by the Board one extension of candidature only of twelve months beyond the maximum period specified in Rule 8. If the thesis has not been submitted by the end of the extended period the candidature will lapse.

Completion of thesis outside the university

17 Except for candidates admitted under Rule 6, a candidate who has completed the equivalent of two years of full-time work under the control of the University, who has completed the experimental work (where appropriate) and whose progress is sufficiently well advanced to permit the satisfactory completion of the thesis outside the University, may be granted permission by the Board to complete the writing-up of the thesis outside the University. If such a permission is granted the candidate will be allowed either twelve months or until the end of candidature, whichever is the lesser, to submit the thesis. If the thesis has not been submitted by the end of the writing-up period the candidature will lapse.

Lapsed candidature

18.1 A candidature which has lapsed will be resumed if the completed thesis, which has not departed from the field of study which was being pursued before the candidature lapsed, is subsequently submitted to the Manager, Graduate Administration and Scholarships. The thesis will only be accepted if the School/Discipline certifies that it is satisfactory to that School/Discipline.

18.2 Approval of the Board is required for the resumption of a lapsed candidature under any other conditions.

18.3 In special circumstances the Board may approve the resumption of a lapsed candidature for one period of up to six months (whether full- or half-time) prior to the submission of the completed thesis.

Intention to submit thesis

19 A candidate shall notify the Manager, Graduate Administration and Scholarships, in writing, approximately three months before he or she expects to submit the thesis required under Rule 20. A summary of the thesis, together with the proposed thesis title, shall be submitted at the same time.

Submission of thesis

20.1 On completion of the approved program of study and research a candidate shall submit a thesis embodying the results of that study and research, and may submit also, in support of the thesis, other relevant material.

20.2 The thesis submitted shall:

(a) display original and critical thought

(b) be a significant contribution to knowledge

(c) relate the topic of research to the broader framework of the discipline within which it falls *and*

(d) be clearly, accurately and cogently written and be suitably illustrated and documented.

20.3 The thesis may comprise a portfolio of scholarly articles published during candidature. The format shall be in accordance with Rules 9.3 (i) to 9.3 (iii).

20.4 In the case of a candidate accepted under Rule 6.1 or 6.2, the candidate shall, at the end of the one year candidature, submit a thesis in accordance with the conditions in Rule 9.3.

20.5 In the case of a doctoral thesis submitted in the areas of artistic or visual practice, presentation may be in one of two forms, a) by a theoretical thesis or b) by one or more creative works and an exegesis.

20.6 In the case of a doctoral thesis submitted in the areas of artistic or visual practice, the creative work and the exegesis will not be examined separately but as an integrated whole constituting the original and substantial contribution to knowledge required from doctoral candidates.

20.7 In the case of visual or performing arts, the examiners will attend the exhibition/performance, at which time they will be given a copy of the exegesis in temporary binding. A final copy of the exegesis will be provided to the examiners within three months of their viewing the creative work.

20.8 The thesis and any other material submitted shall be assessed by examiners external to the University.

20.9 No thesis, material or publications presented for any other degree within this or any other institution shall be so submitted.

20.10 The Board shall prescribe the form in which the thesis shall be submitted and the number of copies to be submitted.

Appointment of examiners

21.1 Candidates shall have the right to submit objections to the appointment of potential examiners. Any such objections should be submitted to the Manager, Graduate Administration and Scholarships, at the same time as the notification of intention to submit required under Rule 19. Such objections do not serve as a veto.

21.2 The Board shall appoint two examiners who are external to the University, taking account of any objections raised under Rule 21.1 and the recommendations of the head of the relevant School/Discipline.

21.3 The examiners shall be requested to report in such form as the Board will determine and to recommend one of the alternatives listed in Rule 22.

21.4 After consideration of the reports of the examiners, the Board may appoint a third external examiner and/or an external arbitrator.

Examination results

22 After consideration of the reports of the examiners and such other information as it thinks fit, the Board shall determine that:

(a) the candidate be awarded the degree *or*

(b) the candidate be awarded the degree but that minor amendments be made to the thesis *or*

(c) the candidate be awarded the degree subject to the specified amendments being made to the thesis *or*

(d) the candidate be not awarded the degree but be permitted to re-submit the thesis in a revised form *or*

(e) the candidate be awarded the appropriate degree of Master *or*

(f) the candidate be awarded the appropriate degree of Master upon making suitable amendments to the thesis *or*

(g) the candidate be not awarded the degree of Doctor of Philosophy or the degree of Master *or*

(h) for candidates accepted under Rule 6 any amendments under 22(b), (c) or (d) shall be confined to contextual statements referred to in Rule 9.3(ii).

Deposit of thesis in the library

23 Such number of copies of a thesis and any other material on which the degree is awarded shall be deposited in the Barr Smith Library or elsewhere in the University as determined by the Board. Unless otherwise determined by the Board, the copies shall be available for loan and photocopy.

Loan or photocopy of thesis

24 A candidate who does not wish to allow the thesis to be lent or photocopied when it is deposited in the Library under Rule 23 shall make a written application to the Manager, Graduate Administration and Scholarships, at the same time as he or she notifies his or her intention to submit under Rule 19. The withholding of such permission and the period of time involved shall be determined by the Board.

General

25 When, in the opinion of the Board of Research Education and Development, special circumstances exist, the Board, on the recommendation of the relevant School/Discipline in each case, may vary any of the provisions in Rules 1-24 above.

Masters Degrees by Research

The General Academic Program Rules shall apply to all Masters by Research programs at the University of Adelaide. Specific Academic Program Rules for individual awards have been developed within the framework of the General Academic Rules and are listed under their respective Faculty/School.

General Masters Rules

1 All students must comply with both the General and Specific Academic Program Rules and are advised to refer to them to gain an understanding of their rights and responsibilities regarding program matters.

Rules

2 The Board of Research Education and Development may from time to time approve guidelines on any matters included in these Rules and may authorise the Dean of Graduate Studies or the Manager, Graduate Administration and Scholarships, to act in accordance with such guidelines without reference to the Board in each case. Notwithstanding this, Faculties may develop their own specific guidelines as permitted within the framework of these Rules.

Definitions

3.1 A Masters Degree by Research shall, in general, have the objectives of

(a) training students in research methodology and techniques

(b) developing critical evaluation skills appropriate to their research topic

(c) application of such methods by conducting a specified program of research under appropriate supervision and the development of new knowledge where possible

(d) providing training in literature analysis *and*

(e) encouraging debate in the substantive area of the thesis at an advanced level.

3.2 Examiners for a Masters degree should satisfy themselves that the candidate has

(a) a thorough understanding of the relevant methodology as demonstrated by a thorough critical review of the literature

(b) demonstrated competence through judicious selection and application of appropriate methods to yield meaningful results

(c) demonstrated the capacity to evaluate critically these results and presented a clear and well written thesis or portfolio of scholarly publications (see 13.3 below).

Duration of candidature and mode of study

4.1 A candidate may proceed to the degree by full-time or half-time study.

4.2 Except by special permission of the Board, the work for the degree shall be completed and the thesis submitted:

(a) in the case of a full-time candidate, not less than one year nor more than two years from the date of commencement of candidature

(b) in the case of a half-time candidate, not less than two years nor more than four years from the date of commencement of candidature.

Admission

5.1 Admission to candidature for a Masters degree by research in the University may be granted to:

(a) persons qualified for an Honours degree from the University of Adelaide appropriate to the proposed field of research

(b) persons qualified for an Honours degree from another university or tertiary institution equivalent to an Honours degree from the University of Adelaide and appropriate to the proposed field of research

(c) others having qualified for a degree, whose academic qualifications are accepted by the Board as sufficient.

5.2 Unless an Honours degree or a qualification accepted by the Board as equivalent has been obtained, the applicant shall be required to complete a course of study prescribed by the Faculty and approved by the Board and to pass a qualifying examination of an Honours standard before being admitted as a candidate. This qualification shall be completed within one year if the study is undertaken on a full-time basis or two years if it is undertaken on a half-time or external basis except where the Board grants an extension of time.

5.3 Subject to the approval of the Board acting on the advice of the Faculty, a person who does not hold a degree of a university, but has given satisfactory evidence of fitness to undertake work for the degree, may be accepted as a candidate.

5.4 A person shall not be enrolled as a candidate for the degree unless:

(a) the applicant's proposed field of study and research is acceptable to the University and the School/Discipline responsible for the supervision of the candidate's work

(b) there is available at least two supervisors able to provide supervision of the proposed candidacy throughout its likely duration. The principal supervisor shall be a member of the academic staff of the School/Discipline of the University in which the candidate is enrolled *and*

(c) suitable resources and facilities are available (either in the University or, by arrangement acceptable to the Faculty, elsewhere) for the proposed research to be undertaken.

Enrolment

6.1 Each candidate shall be enrolled on a provisional basis for the first twelve months of the degree.

6.2 Continuation of enrolment at the end of this period will depend on overall academic progress including the satisfactory completion of the Core Component of the Structured Program within six months (or part time equivalent) from the commencement of candidature.

6.3 The Core Component of the Structured Program shall include the formulation of a research proposal and usually, its presentation at a seminar, together with any other elements as determined by the Faculty.

6.4 A Major Review of progress after twelve months will recommend confirmation of candidature, termination, or the extension of provisional status. In the case of extension, a further review after a clearly defined period, normally three months, would form the basis for confirmation or termination of enrolment.

6.5 Except with the permission of the Board, a candidate may not enrol concurrently in another academic program.

6.6 Except with the permission of the Board, a candidate who is permitted to enrol concurrently in another academic program and who is granted leave of absence must intermit all academic programs in which they are enrolled.

6.7 A candidate who has completed the first year of a Masters by research program and who is qualified and permitted by the Board to transfer to the degree of Doctor of Philosophy will be deemed to have completed the Core Component of the Structured Program and the transfer will confirm candidature in the PhD.

Remote candidature

7.1 Enrolment as a remote candidate may be permitted on the conditions that the School/Discipline concerned can ensure, and the Board of Research Education and Development is satisfied, that appropriate external supervision, with appropriate affiliation, and facilities are available.

7.2 A remote candidate may be required to complete a period of residence in the University of adelaide as determined by the Board of Research Education and Development in consultation with the School/Discipline concerned.

7.3 In accordance with rule 4.1, a remote candidate may proceed to the degree either by full-time or half-time study.

7.4 On the recommendation of the School/Discipline, the Board at any time may permit an enrolled student to enrol as a remote candidate subject to the conditions specified in 7.1, 7.2 and 7.3 above.

7.5 A remote candidate may be permitted to convert to the normal Masters by Research program and shall be subject to the conditions normally applied.

7.6 Not withstanding Rules 7.1 to 7.4 above, remote candidates are also required to abide by the other Rules and guidelines for the degree of Masters by Research.

Review of academic progress

8.1 The Board may review the progress of a candidate at any time during the program of candidature.

8.2 A candidate's progress will be formally reviewed at least once per year at the time of the Annual Review.

8.3 Following a formal review, if, in the opinion of the Board, a candidate is not making satisfactory progress, it may place the candidate on probation for one semester, requiring satisfactory completion of a defined program of research activities in that semester.

8.4 Failure to complete the program of activities (determined in 8.3) to the satisfaction of the Faculty will, with the endorsement of the Board lead to the termination of candidature.

Leave of absence

9 A candidate whose work is interrupted for a period of time may be granted a leave of absence by the Board of up to twelve months. If such an application is approved, the minimum and maximum periods specified in Rule 4 will be adjusted accordingly by adding the length of the leave of absence.

Extension of candidature

10 Irrespective of full time or half time status, a candidate may be granted by the Board one extension of candidature only of six months beyond the maximum period specified in Rule 4.2. If the thesis has not been submitted by the end of the extended period, the candidature will lapse.

Completion of thesis outside the University

11 A candidate who has completed the equivalent of one year of full-time work under the control of the University, who has completed the experimental work (where appropriate) and whose progress is sufficiently well advanced to permit the satisfactory completion of the thesis outside the University, may be granted permission by the Board to complete the writing-up of the thesis outside the University. If such permission is granted the candidate will be allowed either twelve months or until the end of candidature, whichever is the lesser, to submit the thesis. If the thesis has not been submitted by the end of the writing-up period the candidature will lapse.

Lapsed candidature

12.1 A candidature which has lapsed will be resumed if the completed thesis, which has not departed from the field of study that was being pursued before the candidature lapsed, is subsequently submitted to the Manager, Graduate Administration and Scholarships. The thesis will only be accepted if the School/Discipline certifies that it is satisfactory to that School/Discipline.

12.2 Approval of the Board is required for the resumption of a lapsed candidature under any other conditions.

Intention to submit thesis

13 A candidate shall notify the Manager, Graduate Administration and Scholarships, in writing, approximately three months before he or she expects to submit a thesis for examination. A summary of the thesis, together with the proposed thesis title, shall be submitted at the same time.

Submission of thesis

14.1 On completion of the approved program of study and research a candidate shall submit a thesis embodying the results of that study and research, and may submit also, in support of the thesis, other relevant material.

14.2 The thesis shall embody the values described in Rule 3.2.

14.3 Where acceptable to the Faculty, a Masters candidate may present a portfolio of scholarly publications which have been subjected to peer review in lieu of a standard Masters thesis.

(i) the thesis shall contain a literature review, a contextual statement providing linkage between publications and a conclusion demonstrating the overall significance of the work

(ii) if multi-authored publications are included, the candidate shall submit a signed written statement setting out the candidate's contribution to each of the publications included in the thesis

(iii) the Head of School/Discipline shall certify that the thesis is worthy of examination.

14.4 No thesis, material or publications presented for any other degree within this or any other institution shall be so submitted.

14.5 The Board shall prescribe the form in which the thesis shall be submitted and the number of copies to be submitted.

Appointment of examiners

15.1 Candidates shall have the right to submit objections to the appointment of potential examiners. Any such objections should be submitted to the Manager, Graduate Administration and Scholarships, at the same time as the notification of intention to submit required under Rule 13. Such objections do not serve as a veto.

15.2 Assessment of the thesis shall in every case be by not less than two examiners appointed by the Board of whom:

(a) at least one shall be external to the University

(b) at least one shall be an academic member or affiliate of a tertiary institution.

15.3 The candidate's supervisors shall not be eligible to act as examiners.

15.4 The examiners shall be requested to report in such form as the Board will determine and to recommend one of the alternatives listed in Rule 16.1.

15.5 After consideration of the reports of the examiners, the Board may appoint a third external examiner and/or an external arbitrator.

Examination results

16.1 After consideration of the reports of the examiners and such other information as it thinks fit, the Board shall determine that:

(a) the candidate be awarded the degree *or*

(b) the candidate be awarded the degree but that minor amendments be made *or*

(c) the candidate be awarded the degree subject to the specified amendments being made to the thesis *or*

(d) the candidate be not awarded the degree but be permitted to re-submit the thesis in revised form within one year *or*

(e) the candidate be not awarded the degree.

The examiners of a thesis resubmitted following recommendation (d) may recommend only (a), (b) (c) or (e) above.

16.2 Where a Masters by research program contains course work, the candidate shall be required to pass both the course work and thesis components independently but, in exceptional circumstances, this requirement may be waived by the Board.

Qualification requirements

17.1 To qualify for the degree, a candidate shall submit a thesis upon an approved topic and shall adduce sufficient evidence that the thesis is his or her own work. The thesis shall give the results of original research or of an investigation on which the candidate has been engaged. A candidate may also submit other contributions to the research field of the thesis in support of his or her candidature or submit a portfolio of scholarly publications, published during candidature.

17.2 A candidate for the degree of Doctor of Philosophy whose work is considered by the Board, after report by the examiners appointed to adjudicate upon it, not to be of sufficient merit to qualify for the degree of Doctor but of sufficient merit for the degree of Master may be admitted to the degree of Master. In such event, any required amendments to the thesis shall be made to the satisfaction of the Head of Discipline and the candidate's supervisors.

Deposit of thesis in the library

18 Such number of copies of a thesis and any other material on which the degree is awarded shall be deposited in the Barr Smith Library or elsewhere in the University as determined by the Board. Unless otherwise determined by the Board, the copies shall be available for loan and photocopy.

Loan or photocopy of thesis

19 A candidate who does not wish to allow the thesis to be lent or photocopied when it is deposited in the Library under Rule 17 shall make a written application to the Manager, Graduate Administration and Scholarships, at the same time as he or she notifies his or her intention to submit under Rule 12. The withholding of such permission and the period of time involved shall be determined by the Board.

Graduation

20 Subject to Chapter 89 of the Statutes, candidates who have satisfied the requirements for any award of the University shall be admitted to that award at a graduation ceremony for the purpose.

General

21 When, in the opinion of the Board of Research Education and Development, special circumstances exist, the Board, on the recommendation of the relevant Faculty in each case, may vary any of the provisions in Rules 1-20 above.

Higher Degrees by Research

Introduction

This document must be read in conjunction with the:

(a) Academic Program Rules for the relevant degree/s which are published in Volume II of the University Calendar *and*

(b) The Code of Practice for Maintaining and Monitoring Academic Quality and Standards in Higher Degrees, published by the Adelaide Graduate Centre.

These documents explain procedures to be followed and contain guidelines on supervision and research for the degree of Doctor of Philosophy and the various Masters degrees by research offered by the University of Adelaide. These degrees are awarded mainly on the successful examination of a thesis prepared by the student under supervision and embodying the results of a period of research. (Faculties may also apply these guidelines to the research components of those Masters degrees which have an advanced study or coursework component and a research component.)

These documents are intended for use by supervisors and students throughout the period of candidature and will be a useful reference for intending students, Heads of Schools/Disciplines and Postgraduate Coordinators.

1 The enrolment process

1.1 The decision to enrol

Several factors must be taken into account by a potential student and the Head of the relevant School/Discipline before a decision is made about enrolling in a higher degree.

(a) Academic

In general, it is necessary for the potential student to have qualified for an Australian university honours degree (first or second class) or its equivalent, or higher.

(b) Finance

The degree of Doctor of Philosophy and Masters by Research can be completed on a half-time basis, so that it is possible for students, in some instances, to be self-supporting from sources other than scholarships while enrolled. The University and the Commonwealth Government each offers a limited number of postgraduate scholarships annually almost exclusively to full-time students. Details of the scholarships available may be obtained from the Adelaide Graduate Centre.

Schools and Disciplines receive funding which is based (in part) on the number of postgraduate students enrolled in the School/Discipline, and they are expected to provide adequate equipment and funds for the research to be carried out. In particular, the development of the research proposal must take account of both the academic acceptability of the project and the resource implications for the School/Discipline and Faculty concerned.

(c) Choice of research topic and supervisors

A person who is contemplating enrolling for a higher degree should discuss the proposed candidature with the Head or Postgraduate Coordinator and members of the relevant School(s)/Discipline(s), and a decision must be made before the commencement of the candidature on the general area of study and the supervisors to be appointed to guide the student in the research. Since it is important that the supervisors are active in the general area of research which is chosen, it is clear that the choice of the research topic and supervisors are inter-related and decisions on both matters will need to be made together.

Guidelines for the supervision of higher degree by research students are outlined in the Code of Practice. Intending students may find it useful to discuss the general approach to supervision with potential supervisors at the outset. Clear understandings on issues such as how closely the work is to be supervised, the planned frequency of meetings between supervisors and students, the expectation of such meetings and the nature and level of commentary on the various stages of the work should be reached as soon as the supervisor has been appointed.

Where a student is to participate in a team project, the student's specific contribution to the project and the relationship with other participants should be clarified at the outset.

Where a student is to enrol in the Program remotely (refer Section 3 below), appropriate external supervision must be confirmed by the Head of School/Discipline, and approved by the Board of Research Education and Development, prior to enrolment. External supervisors should be affiliated with an appropriate university or research facility.

1.2 Enrolment

Research students are advised to enrol and commence their studies at the beginning of either Semester I or Semester II, as appropriate, so that they can participate in the Structured Program organised by their respective Faculty/School/Discipline and the compulsory Induction Program organised by the Adelaide Graduate Centre.

Enrolment forms are issued only when an application for candidature has been accepted. In the case of an applicant who had previously enrolled in a program in the University of Adelaide, an enrolment form will NOT be issued if the applicant has outstanding financial or other obligation(s) with the University. If you are in such a position, please contact the Student Centre for further details. Completed forms must be returned before the date on which work commences for the degree.

2 The Structured program

Each student commencing a PhD or Masters by Research is required to complete a Structured Program. The program comprises a Core Component to be completed within six months from the commencement of candidature (or part time equivalent) and a Development Component that extends for the duration of candidature. The Core Component involves at a minimum the completion and presentation of a detailed research proposal at a School/Discipline seminar, participation in a School/Discipline induction and regular attendance of the School/Discipline seminar program. Students will be required to complete and submit the Completion of the Core Component of the Structured Program form to the Adelaide Graduate Centre upon completion of the Core Component.

The focus of the Development Component is on acquiring professional and transferable skills that will facilitate the student's transition to a range of work environments. Participation in Development Component activities will be monitored as part of the Annual Review of Progress.

2.1 The Integrated Bridging Program (IBP) for international research students

Where applicable, international students, who have not been granted an exemption, are required to complete the Integrated Bridging Program as part of the Core Component of the Structured Program. The IBP is an innovative and successful 12-week program to help international research students gain access quickly and effectively to the academic, linguistic and cultural conventions of postgraduate study in their School or Discipline within the University of Adelaide. It usually focuses on supporting students in the production of a literature review and a research proposal, presented both as an oral presentation and as a written document. On arrival, all international research students should contact the IBP staff in the Adelaide Graduate Centre to discuss how the program can best contribute to supporting their progress.

3 Remote program for Higher Degrees by Research

Application for enrolment in the Remote Program must be made on the appropriate form. Special conditions will apply and applications are considered by the Board of Research Education and Development on a case by case basis. A period of residence at the University of Adelaide may be required. The Head of School/Discipline must ensure that appropriate external supervision and facilities are available before recommending to the Board of Research Education and Development that a student be permitted to enrol in the Remote Program.

If the status of candidature is to be full-time, the Board of Research Education and Development must be satisfied that the student is able to devote full attention to the research project. Accordingly, the student must provide documentation supporting the application in the form of, for example, a supporting letter from the external supervisor and/or the Head of the institution or facility in which the student is to undertake the research and this must be accepted by the School/Discipline and the Board of Research Education and Development.

The financial implications of the student's research project must be negotiated and clarified between the School/Discipline, and any other external institution that is involved in providing supervision or facilities, in advance of confirmation of the student's candidature. The University cannot accept any retrospective financial claims. Similarly, any claims to be made on the intellectual property generated by the student must be negotiated between and confirmed with all parties concerned in advance of confirmation of the student's candidature.

As with other internal students, Remote students will also be subject to the normal Academic Program Rules and policies, including reviews of academic progress and annual re-enrolment. The University of Adelaide will at all times retain the ultimate authority over all matters pertaining to the student's candidature, the process of examination of the thesis and the award of the degree.

4 Intellectual property

In instances where a student and supervisor identify a general area of research in a commercially sensitive area, the student must sign a Student Project Participation Agreement (SPPA) with the University at the time of enrolment or as soon as possible thereafter.

If a potential student is an employee of another organisation, a formal agreement must be reached between, the University and the student's employer with respect to the ownership of any intellectual property arising from the research, preferably prior to enrolment.

The SPPA or any agreement between the University and a student's employer must be signed before the completion of the Core Component of the Structured Program.

5 Further information

Intending students requiring further information are requested to contact the Adelaide Graduate Centre.

Specifications for Thesis

1 Preparation

The responsibility for the layout of the thesis and selection of the title rests with the student after discussion with the supervisor(s), and the completed thesis should be shown to the supervisor(s) before submission. The student must consult with the School/Discipline concerning selection of an appropriate style for the thesis. Research Education Development Programs run seminars and workshops on thesis writing.

This national collaborative program has established a distributed database of digital versions of theses produced by postgraduate research students at Australian universities. The University of Adelaide is a member of this program.

University of Adelaide postgraduate research students are encouraged to deposit a digital copy of their PhD or research Master thesis in addition to the required printed copies. The following are general guidelines, but consultation with the Librarian may be required:

(a) the thesis must have been officially approved by the University of Adelaide for the award of the degree before it can be deposited

(b) the standard document format required is PDF

(c) the digital version must be a direct equivalent of the copy of the thesis approved by the University for the award of the degree

(d) the author retains copyright. However, it is advisable for the author to inform his/her supervisor(s) of his/her intention to deposit a copy of his/her thesis to the ADT program

(e) access to deposited theses may be restricted for a defined period if the thesis is embargoed under the provisions of The Code of Practice for Maintaining and Monitoring Academic Quality and Standards in Higher Degrees.

Theses are accessible through the University of Adelaide Library's web pages, the Library's web catalogue, a national database of Australian theses and also through web search engines. Further information and deposit instructions are on the Library's web site at:

www.library.adelaide.edu.au/gen/theses/adt/

1.1 Thesis format

A Doctoral thesis may comprise a conventional written narrative presented as typescript, a portfolio of publications or creative or visual work/s. A Masters by Research thesis may comprise a conventional written narrative presented as typescript and where acceptable to the Faculty, a portfolio of publications.

(i) In the case of a thesis comprising a conventional written narrative presented as typescript, the thesis should incorporate in the following order

(a) a title page giving the title of the thesis in full, the name of the student, the name of the School/Discipline(s) of the University associated with the work and the date (month and year) when submitted for the degree. There is a limitation of 160 spaces and characters in the title of the thesis. You should ensure, therefore, that your thesis title does not exceed that limit

(b) a table of contents

(c) an abstract of the thesis in not more than three hundred and fifty words

(d) a signed statement to the effect that

- the thesis contains no material which has been accepted for the award of any other degree or diploma in any university and that, to the best of the student's knowledge and belief, the thesis contains no material previously published or written by another person, except where due reference is made in the text of the thesis *and*
- the author consents to the thesis being made available for photocopying and loan if accepted for the award of the degree.

This statement should be included on the same page as the statement regarding originality (see sample below). If the student has any objections to including such a statement, the student must apply to the Adelaide Graduate Centre, immediately, in writing, for a period of embargo to be placed on the student's thesis.

sample:

This work contains no material which has been accepted for the award of any other degree or diploma in any university or other tertiary institution and, to the best of my knowledge and belief, contains no material previously published or written by another person, except where due reference has been made in the text.

I give consent to this copy of my thesis, when deposited in the University Library, being available for loan and photocopying.

The statement must be signed by the student and dated.

(e) an acknowledgment of any help given or work carried out by any other person or organisation

(f) the main text

(g) appendices (if any)

(h) bibliography.

Additional pages or other material not suitable for binding should be placed last and treated as indicated in 4(d).

(ii) In the case of a thesis presented as published papers:

(a) the abstract should summarise the main findings presented in each paper and should indicate how the included works when considered together demonstrate a significant contribution to knowledge in the discipline.

(b) the introductory chapter should contain succinct statements describing the research problem investigated, overall objectives and specific aims of the study and an account of research progress linking the scientific papers. The account of research progress must link together the various papers submitted as part of the thesis providing continuity for the whole thesis so that the reader understands the logic behind the progression of the research program.

(c) the literature review will, of necessity, replicate literature cited in subsequent chapters but should contain a clear statement on the significance of the project aims, a critical review of relevant literature, identification of knowledge gaps and the relationship of the literature to the experimental program.

(d) where papers have multiple authorship, the PhD candidate must be the first or principal author and have written permission of the co-authors. Each jointly authored paper must begin with a clear statement on the contribution made by each author. The description must be sufficiently detailed to describe accurately the contribution of each author and signed by each author.

(e) the thesis must contain an overarching discussion of the main features of the thesis including, inter alia, the principal significance of the findings, problems encountered and future directions of the work. The discussion should not include a detailed reworking of the discussions from individual papers within the thesis.

(iii) in the case of a doctoral thesis submitted in the areas of artistic or visual practice:

presentation may be in one of two forms:*

(a) by a theoretical thesis *or*

(b) by creative work(s) and exegesis. The creative or visual work shall be a substantial opus and the criteria for this work shall be determined by the Faculty. Such substantial works would include a book length work in its genre and musical compositions which require more than 75 minutes for performance.

The length and format of the exegesis shall be determined by the Faculty but normally should not exceed 50,000 words. It should contain a description of the form and presentation of the artistic practice which constitutes the remainder of the thesis and *inter alia*, an analytical commentary and consideration of the work in the broader framework of the discipline and/or repertory. It must demonstrate mastery of the conceptual and scholarly skills associated with doctoral candidature.

In the case of a written exegesis or thesis and visual works both presented in the format of a compact disk, the written exegesis or textual portion of the thesis shall also be presented in hard copy and must be presented in accordance with the guidelines laid down elsewhere in *Specifications for Thesis*.

2 Typing

A thesis should normally be produced on size A4 paper, in a clear and legible font (eg. Arial Narrow 12 or Times 12) using a Laser Writer, or some other printing device which gives a clear, legible result. It is strongly recommended that the top copy of the student's thesis be produced on archival (acid-free) paper to ensure its long-term preservation, with additional copies on bond, or similar high-quality paper. If work is being submitted which has been previously published, it may be presented in the form of copies of the original printed version. Other forms of presentation, such as computer output microform, may be acceptable if approved by the University Librarian (after discussion with the Supervisor(s)).

The submission of recorded music as part of a thesis should be discussed with the Performing Arts Librarian. (See also section on 'Copying' below.)

A thesis may be produced on both sides of the paper provided that all copies are made on paper of high opacity to prevent 'show- through'.

Margins

Margins for both text and figures should not be less than 35 mm on the inside edge and 15 mm on the other three sides to allow for binding and trimming. (See also 'Soft-binding of thesis for examination' under 4: Binding, below.)

Copying

(a) Additional copies of a thesis should be produced using a copying method which produces a good-quality copy. Copies (other than those produced with carbon paper at the time of typing the top copy) should

normally be on bond paper. Chemically coated paper is acceptable for the production of a thesis only if it is known to provide a high quality reproduction and proven long-term stability.

Audio and audio-visual tapes

(b) Additional copies of audio and audio-visual tapes should be produced using a copying method which creates a high quality audio and visual reproduction with proven longevity.

Archival (acid free) Copy

(c) The archival (acid-free) copy should be marked accordingly and will become the University's copy following the award of the degree. The Barr Smith Library may produce a copy on archival (acid-free) paper at the same cost as a plain paper copy.

3 Diagrams and figures

The following are general suggestions for normal practice, but they may be varied in special cases with the approval of the Librarian:

(a) diagrams and figures, etc, should be preferably drawn or photographed on size A4 paper and bound in the appropriate place in the text. If it is necessary to mount photographs the mounting should be on paper somewhat heavier than that of the other pages, and great care should be taken to avoid wrinkling the paper or distorting the shape of the volume.

(b) figures should either be inserted at an appropriate place in the text, or form a separate page. For normal orientation with the top of the figure upwards, the legend should be at the bottom of the figure. If it is necessary to rotate the figure, it should be placed on a separate page with the top of the figure on the left-hand side of the page and the legend on the right-hand side of the page. This applies regardless of whether the figure forms a left-hand or a right-hand page, but if the thesis is produced with the text only on right-hand pages, then figures should also appear only on right-hand pages. If there is insufficient space for the legend, it may be placed on the page facing the figure.

(c) tables should be inserted in the appropriate place in the text, except that lengthy or bulky tables should appear as an appendix.

(d) folded diagrams, maps, tables, etc, should read as right-hand pages when open. Supplementary material, such as folded maps and other large folded sheets and primary data on microfiche may be placed in a pocket inside the back cover of the bound thesis.

(e) musical notation and similar forms of written notation should be inserted in the appropriate place in the text, except that lengthy examples should appear as an appendix.

4 Binding

Soft-binding of thesis for examination

A higher degree student may opt to submit his/her thesis in soft bound form initially for examination purposes.

Students who wish to have their theses soft-bound should note that

- it is not possible to rebind a thesis that has been soft-covered using the currently available methods, such as Thermo-Bind or Wire- Spiral, without having first to trim the left hand margin by 10 to 15 mm. This means that the provision for the left hand margin of the thesis must be at least 45 mm. This may result in an increase in the number of pages of the thesis and the consequent increase in cost of production.
- most soft-binding processes will handle up to around 30 mm in thickness. Many theses are thicker than this and may have to be bound in more than one volume.

It is the student's responsibility to bear all costs incurred in the soft-binding of his/her thesis as well as in the subsequent hard-binding.

When the examination process (including the completion of any required amendments) is complete, it is an obligation of the student to submit the required three hard-bound copies of his/her thesis before a degree can be conferred.

Hard-binding

(a) The thesis must be sewn and bound with cloth on stiff covers. (A sprint-type or screw-type binder is unacceptable. Stapling and plastic or 'perfect' binding without sewing are also unacceptable.)

(b) During binding the edges should be trimmed.

(c) On the spine of the thesis should be given, in gold lettering of suitable size, normally reading from the top to the bottom, the title of the thesis, shortened if necessary, followed by the student's surname. Where the width of the spine allows, the lettering may be placed horizontally, with the title of the thesis near the top of the spine and student's surname near the middle.

(d) When published papers are submitted they should normally be bound near the back of the thesis as an appendix. In the case of published papers of unusual size it may be desirable to bind them in a separate volume. If they have been bound by a publisher it is desirable to keep them in a special case made and lettered to simulate a bound volume of a thesis.

(e) Supplementary material such as folding maps and other large folded sheets and primary data on microfiche may be placed in a pocket inside the back cover of the bound thesis.

(f) Supplementary material such as microfilm which cannot readily be kept in a pocket should be placed in a special case made and lettered to simulate a bound volume of the thesis.

(g) In view of problems of long term storage stability, presentation of material in a form other than printed copy or microform should not be contemplated without prior consultation with the University Librarian. When audio or audio-visual tapes are submitted they should normally be inserted into the back cover of the thesis. In some cases, it may be desirable to submit them in a separate volume made to simulate a bound volume of the thesis.

(h) A supplementary case or additional volume of a thesis should be distinguished by a volume number but should otherwise be uniform with the first part of the thesis in respect to colour, lettering and, as far as possible, size.

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Adelaide Graduate School of Business

www.agsb.adelaide.edu.au

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Notes on Delegated Authority

1 Council has delegated the power to approve minor changes to the Academic Program Rules to the Executive Deans of Faculties.

2 Council has delegated the power to specify syllabuses to the Head of each department or centre concerned, such syllabuses to be subject to approval by the Faculty or by the Executive Dean on behalf of the Faculty.y.

Graduate Certificate in Management

Academic Program Rules

1 Duration of program

To qualify for the Graduate Certificate, a candidate shall satisfactorily complete a program of study comprising one (1) trimester of full-time study or two (2) trimesters of part-time study. Except with the permission of the Faculty, the requirements of the graduate certificate must be completed within 2 years.

2 Admission

2.1 An applicant for admission to the academic program for the Graduate Certificate in Management shall have qualified for a Bachelor degree of the University of Adelaide in an appropriate field of study, or a degree of another institution accepted by the Faculty for the purpose as equivalent, plus have at least two years approved relevant work experience.

2.2 The Faculty may, subject to such conditions as it may see fit to impose in each case, accept as a candidate for the graduate certificate a person who does not satisfy the requirements of Rule 2.1 above but who has presented evidence satisfactory to the Faculty of fitness to undertake work for the graduate certificate.

2.3 Status, exemption and credit transfer

2.3.1 No candidate will be permitted to count for the degree any course that, in the opinion of the Faculty, contains substantially the same material as any other course that he or she has already presented for another award. Except with special permission of the Faculty, no candidate will be granted status for any course that he or she has presented for any award.

2.3.2 Such status as may be awarded in exceptional circumstances will only be awarded for equivalent graduate level studies.

2.3.3 In any case, no candidate will be awarded more than 6 points of status.

2.3.4 A candidate who fails a course and wishes to repeat that course shall, unless exempted partially therefrom by the Executive Dean or nominee, again complete the required work in the course to the satisfaction of the teaching staff concerned.

3 Assessment and examinations

3.1 There shall be four classifications of pass in any course for the Graduate Certificate: Pass with High Distinction, Pass with Distinction, Pass with Credit and Pass.

3.2 (a) A candidate shall not be eligible to attend for examination unless the prescribed work has been completed to the satisfaction of the teaching staff concerned.

(b) For the purpose of this Rule, a candidate who is refused permission to sit for examination shall be deemed to have failed the examination.

3.3 (a) A candidate who has failed a course twice may not re-enrol in that course except by special permission of the Executive Dean or nominee and then only under such conditions as may be prescribed.

(b) Supplementary examinations are allowable only in exceptional circumstances. A candidate must apply for special permission from the Dean. In the case of a supplementary examination being granted, the overall maximum grade achievable for the course is 50% Pass Division 2.

4 Qualification requirements

To qualify for the Graduate Certificate, a candidate shall satisfactorily complete courses to the value of 12 points, as follows:

4.1 Academic program

4.1.1 Core Courses

All candidates shall complete the following core courses:

MANAGEMT 7086 Fundamentals of Leadership	3
MANAGEMT 7100 Accounting for Managers	3
MANAGEMT 7104 Marketing Management	3

4.1.2 Elective courses

All candidates shall complete 1 elective course to the value of 3 units selected from the Master of Business Administration (Advanced) program as directed by the Executive Dean or nominee.

4.2 Unacceptable combination of courses

No candidate will be permitted to count towards an award any course, together with any other course, which, in the opinion of the Faculty concerned, contains a substantial

amount of the same material; and no course or portion of a course may be counted twice towards an award.

4.3 Graduation

Subject to Chapter 89 of the Statutes, candidates who have satisfied the requirements for any award of the University shall be admitted to that award at a graduation ceremony for the purpose.

5 Special circumstances

When in the opinion of the relevant Faculty special circumstances exist, the Council, on the recommendation of the Faculty in each case, may vary any of the provisions of the Academic Program Rules for any particular award.

Graduate Diploma of Business Administration

Academic Program Rules

1 Duration of program

To qualify for the Graduate Diploma, a candidate shall satisfactorily complete a program of study comprising two (2) trimesters of full-time study or four (4) trimesters of part-time study. Except with the permission of the Faculty, the requirements of the graduate diploma must be completed within 3 years.

2 Admission

2.1 An applicant for admission to the academic program for the Graduate Diploma of Business Administration shall have qualified for a Bachelor degree of the University of Adelaide in an appropriate field of study, or a degree of another institution accepted by the Faculty for the purpose as equivalent, plus have at least two years approved relevant work experience.

2.2 The Faculty may, subject to such conditions as it may see fit to impose in each case, accept as a candidate for the graduate diploma a person who does not satisfy the requirements of Rule 2.1 above but who has presented evidence satisfactory to the Faculty of fitness to undertake work for the graduate diploma.

2.3 Status, exemption and credit transfer

2.3.1 No candidate will be permitted to count for the degree any course that, in the opinion of the Faculty, contains substantially the same material as any other course that he or she has already presented for another award. Except with special permission of the Faculty, no candidate will be granted status for any course that he or she has presented for any award.

2.3.2 Such status as may be awarded in exceptional circumstances will only be awarded for equivalent graduate level studies.

2.3.3 In any case, no candidate will be awarded more than 12 points of status.

2.3.4 A candidate who fails a course and wishes to repeat that course shall, unless exempted partially therefrom by the Executive Dean or nominee, again complete the required work in the course to the satisfaction of the teaching staff concerned.

2.4 Articulation with other awards

2.4.1 A candidate for the Graduate Diploma of Business Administration who does not complete the requirements for the Graduate Diploma but satisfies the requirements for the Graduate Certificate in Management may be admitted to the latter award, as appropriate.

2.4.2 A candidate who has been admitted to the Graduate Certificate in Management and who subsequently satisfies the requirements for the Graduate Diploma of Business Administration must surrender the Graduate Certificate before being admitted to the Graduate Diploma

3 Assessment and examinations

3.1 There shall be four classifications of pass in any course for the Graduate Diploma: Pass with High Distinction, Pass with Distinction, Pass with Credit and Pass.

3.2 (a) A candidate shall not be eligible to attend for examination unless the prescribed work has been completed to the satisfaction of the teaching staff concerned.

(b) For the purpose of this Rule, a candidate who is refused permission to sit for examination shall be deemed to have failed the examination.

3.3 (a) A candidate who has failed a course twice may not re-enrol in that course except by special permission of the Executive Dean or nominee and then only under such conditions as may be prescribed.

(b) Supplementary examinations are allowable only in exceptional circumstances. A candidate must apply for special permission from the Dean. In the case of a supplementary examination being granted, the overall maximum grade achievable for the course is 50% Pass Division 2.

4 Qualification requirements

To qualify for the Graduate Diploma, a candidate shall satisfactorily complete courses to the value of 24 points, as follows:

4.1 Academic program

4.1.1 Core Courses

All candidates shall complete the following core courses:

MANAGEMT 7079 E-Business - New Dimensions	3
MANAGEMT 7086 Fundamentals of Leadership	3
MANAGEMT 7087 Managing Contemporary Organisations	3

MANAGEMT 7100 Accounting for Managers	3
MANAGEMT 7103 Managerial Economics	3
MANAGEMT 7104 Marketing Management	3

4.1.2 Elective Courses

All candidates shall complete 2 elective courses to the value of 6 points selected from the Master of Business Administration (Advanced) program as directed by the Executive Dean or nominee.

4.2 No candidate will be permitted to count towards an award any course, together with any other course, which, in the opinion of the Faculty concerned, contains a substantial amount of the same material; and no course or portion of a course may be counted twice towards an award.

4.3 Graduation

Subject to Chapter 89 of the Statutes, candidates who have satisfied the requirements for any award of the University shall be admitted to that award at a graduation ceremony for the purpose.

5 Special circumstances

When in the opinion of the relevant Faculty special circumstances exist, the Council, on the recommendation of the Faculty in each case, may vary any of the provisions of the Academic Program Rules for any particular award.

Master of Business Administration

Academic Program Rules

1 Duration of program

To qualify for the degree, a candidate shall satisfactorily complete a program of study comprising three (3) trimesters of full-time study or six (6) trimesters of part-time study. Except with the permission of the Faculty, the requirements of the degree must be completed within 5 years.

2 Admission

2.1 An applicant for admission to the academic program for the degree of Master of Business Administration shall have qualified for a Bachelor degree of the University of Adelaide in an appropriate field of study, or a degree of another institution accepted by the Faculty for the purpose as equivalent, plus have at least two years approved relevant work experience.

2.2 The Faculty may, subject to such conditions as it may see fit to impose in each case, accept as a candidate for the degree a person who does not satisfy the requirements of Rule 2.1 above but who has presented evidence satisfactory to the Faculty of fitness to undertake work for the degree.

2.3 Status, exemption and credit transfer

2.3.1 No candidate will be permitted to count for the degree any course that, in the opinion of the Faculty, contains substantially the same material as any other course that he or she has already presented for another award. Except with special permission of the Faculty, no candidate will be granted status for any course that he or she has presented for any award.

2.3.2 Such status as may be awarded in exceptional circumstances will only be awarded for equivalent graduate level studies.

2.3.3 In any case, no candidate will be awarded more than 18 points of status.

2.3.4 A candidate who fails a course and wishes to repeat that course shall, unless exempted partially therefrom by the Executive Dean or nominee, again complete the required work in the course to the satisfaction of the teaching staff concerned.

2.4 Articulation with other awards

2.4.1 A candidate for the Master of Business Administration who does not complete the requirements for the Masters degree but satisfies the requirements for the Graduate Certificate in Management or Graduate Diploma of Business Administration may be admitted to one of those awards, as appropriate.

2.4.2 A candidate who has been admitted to the Graduate Certificate in Management or Graduate Diploma of Business Administration and who subsequently satisfies the requirements for the Master of Business Administration must surrender the Graduate Certificate or Graduate Diploma before being admitted to the Masters degree.

3 Assessment and examinations

3.1 There shall be four classifications of pass in any course for the Masters degree: Pass with High Distinction, Pass with Distinction, Pass with Credit and Pass.

3.2 (a) A candidate shall not be eligible to attend for examination unless the prescribed work has been completed to the satisfaction of the teaching staff concerned.

(b) For the purpose of this Rule, a candidate who is refused permission to sit for examination shall be deemed to have failed the examination.

3.3 (a) A candidate who has failed a course twice may not re-enrol in that course except by special permission of the Executive Dean or nominee and then only under such conditions as may be prescribed.

(b) Supplementary examinations are allowable only in exceptional circumstances. A candidate must apply for special permission from the Dean. In the case of a supplementary examination being granted, the overall maximum grade achievable for the course is 50% Pass Division 2.

4 Qualification requirements

To qualify for the degree, a candidate shall satisfactorily complete courses to the value of 36 points, as follows:

4.1 Academic program

4.1.1 Core Courses

All candidates shall complete the following core courses:

MANAGEMT 7079 E-Business - New Dimensions	3
MANAGEMT 7081 Global Business	3
MANAGEMT 7086 Fundamentals of Leadership	3
MANAGEMT 7087 Managing Contemporary Organisations	3
MANAGEMT 7088 Strategic Performance Drivers	3
MANAGEMT 7100 Accounting for Managers	3
MANAGEMT 7101 Managing for Value Creation	3
MANAGEMT 7102 Managing Technology Innovation	3
MANAGEMT 7103 Managerial Economics	3
MANAGEMT 7104 Marketing Management	3

4.1.2 Integrative Courses

All candidates shall complete the following integrative course:

MANAGEMT 7044 Strategic Management	3

4.1.3 Elective Courses

All candidates shall complete 1 elective course to the value of 3 points selected from the Master of Business Administration (Advanced) program.

4.2 No candidate will be permitted to count towards an award any course, together with any other course, which, in the opinion of the Faculty concerned, contains a substantial amount of the same material; and no course or portion of a course may be counted twice towards an award.

4.3 Graduation

Subject to Chapter 89 of the Statutes, candidates who have satisfied the requirements for any award of the University shall be admitted to that award at a graduation ceremony for the purpose.

5 Special circumstances

When in the opinion of the relevant Faculty special circumstances exist, the Council, on the recommendation of the Faculty in each case, may vary any of the provisions of the Academic Program Rules for any particular award.

Master of Business Administration (Advanced)

Academic Program Rules

1 Duration of program

To qualify for the degree, a candidate shall satisfactorily complete a program of study comprising four (4) trimesters of full-time study or eight (8) trimesters of part-time study. Except with the permission of the Faculty, the requirements of the degree must be completed within 6 years.

2 Admission

2.1 An applicant for admission to the academic program for the degree of Master of Business Administration (Advanced) shall have qualified for a Bachelor degree of the University of Adelaide in an appropriate field of study, or a degree of another institution accepted by the Faculty for the purpose as equivalent, plus have at least two years approved relevant work experience.

2.2 The Faculty may, subject to such conditions as it may see fit to impose in each case, accept as a candidate for the degree a person who does not satisfy the requirements of Rule 2.1 above but who has presented evidence satisfactory to the Faculty of fitness to undertake work for the degree.

2.3 Status, exemption and credit transfer

2.3.1 No candidate will be permitted to count for the degree any course that, in the opinion of the Faculty, contains substantially the same material as any other course that he or she has already presented for another award. Except with special permission of the Faculty, no candidate will be granted status for any course that he or she has presented for any award.

2.3.2 Such status as may be awarded in exceptional circumstances will only be awarded for equivalent graduate level studies.

2.3.3 In any case, no candidate will be awarded more than 24 points of status.

2.3.4 A candidate who fails a course and wishes to repeat that course shall, unless exempted partially therefrom by the Executive Dean or nominee, again complete the required work in the course to the satisfaction of the teaching staff concerned.

2.4 Articulation with other awards

2.4.1 A candidate for the Master of Business Administration (Advanced) who does not complete the requirements for the degree but satisfies the requirements for the Graduate Certificate in Management, Graduate Diploma of Business Administration or Master of Business Administration may be admitted to one of those awards, as appropriate.

2.4.2 A candidate who has been admitted to the Graduate Certificate in Management, Graduate Diploma of Business Administration or Master of Business Administration and who subsequently satisfies the requirements for the Master of Business Administration (Advanced) must surrender the Graduate Certificate, Graduate Diploma or Masters before being admitted to the Masters (Advanced) degree.

3 Assessment and examinations

3.1 There shall be four classifications of pass in any course for the Masters degree: Pass with High Distinction, Pass with Distinction, Pass with Credit and Pass.

3.2 (a) A candidate shall not be eligible to attend for examination unless the prescribed work has been completed to the satisfaction of the teaching staff concerned.

(b) For the purpose of this Rule, a candidate who is refused permission to sit for examination shall be deemed to have failed the examination.

3.3 (a) A candidate who has failed a course twice may not re-enrol in that course except by special permission of the Executive Dean or nominee and then only under such conditions as may be prescribed.

(b) Supplementary examinations are allowable only in exceptional circumstances. A candidate must apply for special permission from the Dean. In the case of a supplementary examination being granted, the overall maximum grade achievable for the course is 50% Pass Division 2.

4 Qualification requirements

To qualify for the degree, a candidate shall satisfactorily complete courses to the value of 48 points, as follows:

4.1 Academic program

4.1.1 Core Courses

All candidates shall complete the following core courses:

MANAGEMT 7079 E-Business - New Dimensions	3
MANAGEMT 7081 Global Business	3
MANAGEMT 7086 Fundamentals of Leadership	3
MANAGEMT 7087 Managing Contemporary Organisations	3
MANAGEMT 7088 Strategic Performance Drivers	3
MANAGEMT 7100 Accounting for Managers	3
MANAGEMT 7101 Managing for Value Creation	3
MANAGEMT 7102 Managing Technology Innovation	3
MANAGEMT 7103 Managerial Economics	3
MANAGEMT 7104 Marketing Management	3

4.1.2 Integrative Courses

All candidates shall complete the following integrative courses:

MANAGEMT 7042 Corporate Strategy	3
MANAGEMT 7044 Strategic Management	3

4.1.3 Elective Courses

All candidates shall complete 4 elective courses to the value of 12 points selected from the list of approved electives.

4.2 No candidate will be permitted to count towards an award any course, together with any other course, which, in the opinion of the Faculty concerned, contains a substantial amount of the same material; and no course or portion of a course may be counted twice towards an award.

4.3 Graduation

Subject to Chapter 89 of the Statutes, candidates who have satisfied the requirements for any award of the University shall be admitted to that award at a graduation ceremony for the purpose.

5 Special circumstances

When in the opinion of the relevant Faculty special circumstances exist, the Council, on the recommendation of the Faculty in each case, may vary any of the provisions of the Academic Program Rules for any particular award.

Master of Business Administration (Infocomm Management)

Academic Program Rules

1 Duration of program

To qualify for the degree, a candidate shall satisfactorily complete a program of study comprising four terms of full-time study or 8 terms of part-time study. Except with the permission of the Faculty, the requirements of the degree must be completed within 5 years.

2 Admission

2.1 An applicant for admission to the academic program for the degree of Master of Business Administration (Infocomm Management) shall have qualified for a Bachelor degree of the University of Adelaide in an appropriate field of study, or a degree of another institution accepted by the Faculty for the purpose as equivalent, plus have at least two years' approved relevant work experience.

2.2 The Faculty may, subject to such conditions as it may see fit to impose in each case, accept as a candidate for the degree a person who does not satisfy the requirements of Rule 2.1 above but who has presented evidence satisfactory to the Faculty of fitness to undertake work for the degree.

2.3 Status, exemption and credit transfer

2.3.1 Except with special permission of the Faculty, no candidate will be granted status for any course that he or she has presented for any award.

2.3.2 Such status as may be awarded in exceptional circumstances will only be awarded for equivalent graduate level studies.

2.3.3 In any case, no candidate will be awarded more than 18 points of status.

2.3.4 A candidate who fails a course and wishes to repeat that course shall, unless exempted partially therefrom by the Executive Dean or nominee of the Faculty concerned, again complete the required work in the course to the satisfaction of the teaching staff concerned.

3 Assessment and examinations

3.1 There shall be four classifications of pass in any course for the Masters degree: Pass with High Distinction, Pass with Distinction, Pass with Credit and Pass.

3.2 (a) A candidate shall not be eligible to attend for examination unless the prescribed work has been completed to the satisfaction of the teaching staff concerned.

(b) For the purpose of this Rule, a candidate who is refused permission to sit for examination shall be deemed to have failed the examination.

3.3 (a) A candidate who has failed a course twice may not re-enrol in that course except by special permission of the Executive Dean or nominee and then only under such conditions as may be prescribed.

(b) Supplementary examinations are allowable only in exceptional circumstances. A candidate must apply for special permission from the Dean. In the case of a supplementary examination being granted, the overall maximum grade achievable for the course is 50% Pass Division 2.

4 Qualification requirements

To qualify for the degree, a candidate shall satisfactorily complete courses to the value of 36 units, as follows:

4.1 Academic program

4.1.1 Core courses

All candidates shall complete the following core courses, totalling 30 units:

MANAGEMT 7089NA Economics for Infocomm Managers	3
MANAGEMT 7090NA Financing Infocomm Businesses	3
MANAGEMT 7091NA Infocomm Industry Policies	3
MANAGEMT 7092NA Managing Infocomm Firms	3
MANAGEMT 7093NA Global Business Marketing	3
MANAGEMT 7094NA Financial Control for Infocomm Managers	3
MANAGEMT 7095NA Leading Infocomm Firms	3
MANAGEMT 7096NA Infocomm Marketing Strategies	3
MANAGEMT 7097NA Strategic & Competitive Analysis	3
MANAGEMT 7098NA Strategic Decisions and Implementation	3

4.1.2 Elective courses

All candidates shall complete two (2) elective courses to the value of 6 points selected from the Master of Business Administration and/or Master of Business Administration (Advanced) programs.

4.2 Unacceptable combinations of courses

No candidate will be permitted to count towards an award any course, together with any other course, which, in the opinion of the Faculty concerned, contains a substantial amount of the same material; and no course or portion of a course may be counted twice towards an award.

4.3 Graduation

Subject to Chapter 89 of the Statutes, candidates who have satisfied the requirements for any award of the University shall be admitted to that award at a graduation ceremony for the purpose.

5 Special circumstances

When in the opinion of the relevant Faculty special circumstances exist, the Council, on the recommendation of the Faculty in each case, may vary any of the provisions of the Academic Program Rules for any particular award.

Doctor of Business Administration

Academic Program Rules

1 Duration of program

To qualify for the degree, a candidate shall satisfactorily complete a program of study comprising a minimum of eight (8) terms of full-time study or twelve (12) terms of part-time study. Except with the permission of the Faculty, the requirements of the degree must be completed within six (6) years.

2 Admission

2.1 An applicant for admission to the academic program for the degree of Doctor of Business Administration shall have qualified for a Master of Business Administration degree, or a Master's degree, preferably in a business-related discipline, accepted by the Faculty for the purpose as equivalent, or an honours degree in a business-related discipline, or an honours degree in a suitable discipline accepted by the Faculty for the purpose as equivalent, plus have at least five (5) years approved relevant work experience.

2.2 The Faculty may, subject to such conditions as it may see fit to impose in each case, accept as a candidate for the degree a person who does not satisfy the requirements of Rule 1.1 above but who has presented evidence satisfactory to the Faculty of fitness to undertake work for the degree.

2.3 Status, exemption and credit transfer

2.3.1 Except with special permission of the Faculty, no candidate will be granted status for any course that he or she has presented for any award.

2.3.2 Such status as may be awarded in exceptional circumstances will only be awarded for equivalent doctoral level studies.

2.3.3 In any case, no candidate will be awarded more than 24 points of status.

3 Assessment and examinations

3.1 There shall be four classifications of pass in any course for the Doctor of Business Administration degree: Pass with High Distinction, Pass with Distinction, Pass with Credit and Pass.

3.2 (a) A candidate shall not be eligible to attend for the final examination or attempt the final assessment unless the prescribed work has been completed to the satisfaction of the teaching staff concerned.

(b) For the purpose of this Rule, a candidate who is refused permission to sit for the final examination or to attempt the final assessment shall be deemed to have failed the course.

3.3 Supplementary examinations are allowable only in exceptional circumstances. A candidate must apply for special permission from the Dean. In the case of a supplementary examination being granted, the overall maximum grade achievable for the course is 50% Pass Division 2.

4 Qualification requirements

4.1 Academic program

To qualify for the degree, a candidate shall satisfactorily complete courses to the value of 48 points, as follows:

MANAGEMT 7200 Organisations of the future	3
MANAGEMT 7201 Strategic Thinking in the Global Environment	3
MANAGEMT 7202 Frontiers of Professional Practice in Business/Management (1)	3
MANAGEMT 7203 Frontiers of Professional Practice in Business/Management (2)	3
MANAGEMT 7204 Research in the Organisation	3
MANAGEMT 7205 Research Methodology (1): Qualitative Research	3
MANAGEMT 7206 Research Methodology (2): Quantitative Research	3
MANAGEMT 7207 The Research Process	3
MANAGEMT 7208 Doctor of Business Administration Thesis	24

4.2 Unacceptable combinations of courses

No candidate will be permitted to count towards an award any course, together with any other course, which, in the opinion of the Faculty concerned, contains a substantial amount of the same material; and no course or portion of a course may be counted twice towards an award.

4.3 Graduation

Subject to Chapter 89 of the Statutes, candidates who have satisfied the requirements for any award of the University shall be admitted to that award at a graduation ceremony for the purpose.

5 Special circumstances

When in the opinion of the relevant Faculty special circumstances exist, the Council, on the recommendation of the Faculty in each case, may vary any of the provisions of the Academic Program Rules for any particular award.

School of Architecture, Landscape Architecture and Urban Design

www.arch.adelaide.edu.au

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Notes on Delegated Authority

1 Council has delegated the power to approve minor changes to the Academic Program Rules to the Executive Deans of Faculties.

2 Council has delegated the power to specify syllabuses to the Head of each department or centre concerned, such syllabuses to be subject to approval by the Faculty or by the Executive Dean on behalf of the Faculty.

Graduate Certificate in Architecture (Digital Media)

Note: Part of this program may be available in the external mode. Postgraduate tuition fees apply to the program.

Academic Program Rules

1 Duration of program

To qualify for the Graduate Certificate, a candidate shall satisfactorily complete one semester of full-time study or the equivalent of part-time study.

2 Admission

2.1 An applicant for admission to the program of study for the Graduate Certificate in Architecture (Digital Media) shall have qualified for the degree of Bachelor of Architecture of the University or a degree of another institution accepted by the Faculty for the purpose as equivalent to a degree of the University

2.2 The Faculty may, subject to such conditions (if any) as it may see fit to impose in each case, accept as a candidate for the Graduate Certificate a person who does not satisfy the requirements of Rule 2.1 above but who has presented evidence satisfactory to the Faculty of fitness to undertake work for the Graduate Certificate.

2.3 Status, exemption and credit transfer

2.3.1 A candidate will not be granted status for any course which he or she has completed for another award.

2.3.2 A candidate who fails a course and desires to repeat that course shall, unless exempted partially therefrom by the Dean of School of Architecture, Landscape Architecture and Urban Design (or nominee) concerned, again complete the required work in the course to the satisfaction of the teaching staff concerned.

2.4 Articulation with other awards

A candidate for the Graduate Diploma in Architecture (Digital Media) who satisfies the requirements for the Graduate Certificate but who does not complete the requirements for the Graduate Diploma may be admitted to the Graduate Certificate.

3 Assessment and examinations

3.1 There shall be four classifications of pass in the courses for the Graduate Certificate. Pass with High Distinction, Pass with Distinction, Pass with Credit and Pass.

3.2 (a) A candidate shall not be eligible to attend for examination unless the prescribed work has been completed to the satisfaction of the teaching staff concerned.

(b) For the purpose of this Rule, a candidate who is refused permission to sit for examination shall be deemed to have failed the examination.

4 Qualification requirements

4.1 To qualify for the Graduate Certificate, a candidate shall satisfactorily complete courses to the value of 12 units, as follows:

ARCHDM 7004 Architectural Design with Digital Media A	6
ARCHDM 7006 Architectural Design with Digital Media B	6

4.2 No candidate may take more than one of the courses of the Graduate Certificate through distance learning.

4.3 No candidate will be permitted to count towards an award any course, together with any other course, which, in the opinion of the Faculty concerned, contains a substantial amount of the same material; and no course or portion of a course may be counted twice towards an award.

4.4 Graduation

Subject to Chapter 89 of the Statutes, candidates who have satisfied the requirements for any award of the University shall be admitted to that award at a graduation ceremony for the purpose.

5 Special circumstances

When in the opinion of the relevant Faculty special circumstances exist, the Council, on the recommendation of the Faculty in each case, may vary any of the provisions of the Academic Program Rules for any particular award.

Graduate Certificate in Design Studies
Graduate Certificate in Design Studies (Landscape)
Graduate Diploma in Design Studies
Graduate Diploma in Design Studies (Landscape)

Note: Postgraduate tuition fees apply to this program.

Academic Program Rules

1 Duration of programs

1.1 Except with the permission of the School of Architecture, Landscape Architecture and Urban Design, the program for the Graduate Certificate in Design Studies or the Graduate Certificate in Design Studies (Landscape) shall be completed in not less than one semester and not more than one year of full-time study and in not less than one year and not more than two years of part-time study.

1.2 Except with the permission of the School of Architecture, Landscape Architecture and Urban Design, the program for the Graduate Diploma in Design Studies or the Graduate Diploma in Design Studies (Landscape) shall be completed in not less than two semesters and not more than three semesters of full-time study and in not less than one year and not more than two years of part-time study.

2 Admission

2.1 Applications for admission to the program shall be made through the South Australian Tertiary Admissions Centre (SATAC) on the appropriate form by the required date. Successful applicants to the program may not defer their studies to the following year.

An applicant for admission to the program of study for the Graduate Certificate in Design Studies or the Graduate Certificate in Design Studies (Landscape) must have obtained:

(a) the degree or Honours degree of Bachelor of Design Studies of the University of Adelaide *or*

(b) a Bachelor or Honours degree of the University of Adelaide or an equivalent award from another educational institution accepted by the University for that purpose, subject to the approval of the Dean of the School of Architecture, Landscape Architecture and Urban Design.

2.2 An applicant for admission to the program of study for the Graduate Diploma in Design Studies must have obtained:

(a) the Graduate Certificate in Design Studies of the University of Adelaide or an equivalent award from another educational institution accepted by the University for the purpose *or*

(b) the degree or Honours degree of Bachelor of Design Studies of the University of Adelaide *or*

(c) a Bachelor or Honours degree of the University of Adelaide or an equivalent award from another educational institution accepted by the University for that purpose, subject to the approval of the Dean of the School of Architecture, Landscape Architecture and Urban Design.

2.3 An applicant for admission to the program of study for the Graduate Diploma in Design Studies (Landscape) must have obtained:

(a) the Graduate Certificate in Design Studies (Landscape) of the University of Adelaide or an equivalent award from another educational institution accepted by the University for the purpose *or*

(b) the degree or Honours degree of Bachelor of Design Studies of the University of Adelaide *or*

(c) a Bachelor or Honours degree of the University of Adelaide or an equivalent award from another educational institution accepted by the University for that purpose, subject to the approval of the Dean of the School of Architecture, Landscape Architecture and Urban Design.

2.4 The Faculty may in special cases and subject to such conditions (if any) as the Dean of the School of Architecture, Landscape Architecture and Urban Design may see fit to impose in each case, accept as a candidate for the Graduate Certificate in Design Studies or Graduate Certificate in Design Studies (Landscape), or Graduate

Diploma in Design Studies or Graduate Diploma in Design Studies (Landscape), an applicant who does not hold the qualifications specified in 2.1, 2.2 or 2.3 above but who has given evidence satisfactory to the Dean of School of fitness to undertake work for the Graduate Certificate in Design Studies or Graduate Certificate in Design Studies (Landscape) or Graduate Diploma in Design Studies or Graduate Diploma in Design Studies (Landscape).

2.5 Status, exemption and credit transfer

2.5.1 A candidate who has passed postgraduate level courses in the School of Architecture, Landscape Architecture and Urban Design or in other faculties of the University or in other educational institutions may on written application to the School Executive Officer be granted such exemption from Academic Program Rule 5.1 as the Dean of School may determine.

2.5.2 Candidates who have previously completed the requirements of the Graduate Certificate in Design Studies shall receive full status towards the Graduate Diploma in Design Studies for studies undertaken in the Graduate Certificate.

2.5.3 Candidates who have previously completed the requirements of the Graduate Certificate in Design Studies (Landscape) shall receive full status towards the Graduate Diploma in Design Studies (Landscape) for studies undertaken in the Graduate Certificate.

2.5.4 No candidate may be granted more than 12 units of status towards the Graduate Diploma in Design Studies or the Graduate Diploma in Design Studies (Landscape).

2.6 Articulation with other awards

2.6.1 A candidate who holds a Graduate Certificate in Design Studies of the University of Adelaide shall surrender it before being admitted to the Graduate Diploma in Design Studies.

2.6.2 A candidate who holds a Graduate Certificate in Design Studies (Landscape) of the University of Adelaide shall surrender it before being admitted to the Graduate Diploma in Design Studies (Landscape).

3 Assessment and examinations

3.1 There shall normally be four classifications of pass in the final assessment of any course for the Graduate Certificate and Graduate Diploma awards, as follows: Pass with High Distinction, Pass with Distinction, Pass with Credit, Pass. If the Pass classification is in two divisions a pass in the higher division may be prescribed in the syllabuses as a prerequisite for admission to further studies in that course or to other courses. Results in certain courses as specified in the Academic Program Rules will not be classified.

3.2 A candidate shall not be eligible to attend for examination unless the prescribed work has been completed to the satisfaction of the teaching staff concerned.

3.3 In determining a candidate's final result in a course (or part of a course) the examiners may take into account oral, written, practical and examination work, provided that the candidate has been given adequate notice at the commencement of the teaching of the course of the way in which work will be taken into account and of its relative importance in the final result.

3.4 A candidate who fails a course or who obtains a lower division pass and who desires to take that course again shall, unless exempted wholly or partially therefrom by the Dean of School, again complete the required work in that course to the satisfaction of the teaching staff concerned.

3.5 Review of academic progress

If in the opinion of the Faculty a candidate for the Graduate Certificate or Graduate Diploma is not making satisfactory progress, the Faculty may, with the consent of the Council, terminate the candidature and the candidate shall cease to be enrolled for the Graduate Certificate or Graduate Diploma awards.

4 Qualification requirements

4.1 Academic program

4.1.1 To qualify for the Graduate Certificate in Design Studies a candidate shall pass a combination of the courses listed in Rule 4.1.3 to the value of at least 12 units.

4.1.2 To qualify for the Graduate Certificate in Design Studies (Landscape) a candidate shall pass a combination of the courses listed in Rule 4.1.4 to the value of at least 12 units.

4.1.3 To qualify for the Graduate Diploma in Design Studies a candidate shall pass the following courses to the value of at least 24 units:

DESST 6000 Special Topic (Design) IVA*	4
DESST 6002 Building Design Studio IV	4
DESST 6006 Special Topic (Design) IVB*	4
DESST 6009 Design and Environments IV	4
DESST 6013 Issues in Urban and Landscape Sustainability IV	4
DESST 6014 Design Communications IV	4
DESST 6015 Twentieth Century Architecture and Landscapes IV	4
DESST 6016 Technology in the Built Environment IV	4

4.1.4 To qualify for the Graduate Diploma in Design Studies (Landscape) a candidate shall pass the following courses to the value of at least 24 units:

DESST 6009 Design and Environments IV	4
DESST 6010 Special Topic (Landscape) IVB*	4
DESST 6011 Special Topic (Landscape) IVA*	4
DESST 6012 Landscape Design Studio IV	4
DESST 6013 Issues in Urban and Landscape Sustainability IV	4
DESST 6014 Design Communications IV	4
DESST 6015 Twentieth Century Architecture and Landscapes IV	4
DESST 6017 Natural Systems and Design IV	4

*Students should consult the Dean of the School of Architecture, Landscape Architecture and Urban Design about availability of courses.

4.1.5 Course substitutions will normally be selected from a list available from the School Executive Officer; in unusual cases the Dean of the School of Architecture, Landscape Architecture and Urban Design may approve different studies upon application by a candidate. In considering an application for a course substitution the Dean of School shall have regard to the candidate's previous academic and practical experience.

4.2 Unacceptable combination of courses

No candidate will be permitted to count towards an award any course, together with any other course, which, in the opinion of the Faculty concerned, contains a substantial amount of the same material; and no course or portion of a course may be counted twice towards an award.

4.3 Graduation

Subject to Chapter 89 of the Statutes, candidates who have satisfied the requirements for any award of the University shall be admitted to that award at a graduation ceremony for the purpose.

5 Special circumstances

When in the opinion of the relevant Faculty special circumstances exist, the Council, on the recommendation of the Faculty in each case, may vary any of the provisions of the Academic Program Rules for any particular award.

Graduate Certificate in Design Studies (Digital Media)

Note: Postgraduate tuition fees apply to this program.

Academic Program Rules

1 Duration of program

To qualify for the Graduate Certificate, a candidate shall satisfactorily complete 12 units of study in one semester of full-time study or the equivalent of part-time study.

2 Admission

2.1 Applications for admission shall be directly to the School of Architecture, Landscape Architecture and Urban Design. Successful applicants to the program may not defer their studies to the following year.

An applicant for admission to the program of study for the Graduate Certificate in Design Studies (Digital Media) shall have qualified for

(a) a degree of Bachelor of Landscape Architecture of the University or for a Bachelor degree of another institution accepted for the purpose by the University *or*

(b) a Bachelor degree of the University or another approved institution in one or more of the following areas: design studies, interior architecture or an allied built environment discipline.

2.2 The Faculty may, subject to such conditions (if any) as it may see fit to impose in each case, accept as a candidate for the degree a person who does not satisfy the requirements of Rule 2.1 above, but who has presented evidence satisfactory to the Faculty of fitness to undertake work for the Graduate Certificate.

2.3 Status, exemption and credit transfer

2.3.1 A candidate will not be granted status for any course which he or she has completed for another award.

2.3.2 A candidate who fails a course and desires to repeat that course shall, unless exempted partially therefrom by the Dean of the School, again complete the required work in the course to the satisfaction of the teaching staff concerned.

2.4 Articulation with other awards

2.4.1 A candidate for the Graduate Diploma in Design Studies (Digital Media) who satisfies the requirements for the Graduate Certificate but who does not complete the requirements for the Graduate Diploma may be admitted to the Graduate Certificate.

3 Assessment and examinations

3.1 There shall be four classifications of pass in the courses for the Graduate Certificate: Pass with High Distinction, Pass with Distinction, Pass with Credit and Pass.

3.2 (a) A candidate shall not be eligible to attend for examination unless the prescribed work has been completed to the satisfaction of the teaching staff concerned.

(b) For the purpose of this Rule, a candidate who is refused permission to sit for examination shall be deemed to have failed the examination.

4 Qualification requirements

4.1 To qualify for the Graduate Certificate, a candidate shall satisfactorily complete courses to the value of 12 units, as follows:

DESSTDM 7001 Design with Digital Media A	6
DESSTDM 7002 Design with Digital Media B	6

4.2 No candidate may take more than one of the courses of the Graduate Certificate through distance learning.

4.3 No candidate will be permitted to count for the Graduate Certificate any course that, in the opinion of the Faculty, contains substantially the same material as any other course which he or she has already presented for another award.

4.4 Graduation

Subject to Chapter 89 of the Statutes, candidates who have satisfied the requirements for any award of the University shall be admitted to that award at a graduation ceremony for the purpose.

Graduate Diploma in Architecture (Digital Media)

Note: Postgraduate tuition fees apply to this program.

Academic Program Rules

1 Duration of program

To qualify for the Graduate Diploma, a candidate shall satisfactorily complete 24 units of study in one year of full-time study or the equivalent of part-time study.

2 Admission

2.1 An applicant for admission to the program of study for the Graduate Diploma in Architecture (Digital Media) shall have qualified for the degree of Bachelor of Architecture of the University or a degree of another institution accepted by the Faculty for the purpose as equivalent to a degree of the University; or hold or be eligible to hold the Graduate Certificate in Architecture (Digital Media) of the University

2.2 The Faculty may, subject to such conditions (if any) as it may see fit to impose in each case, accept as a candidate for the Graduate Diploma a person who does not satisfy the requirements of Rule 2.1 above but who has presented evidence satisfactory to the Faculty of fitness to undertake work for the Graduate Diploma.

2.3 Status, exemption and credit transfer

2.3.1 No candidate will be granted status for ARCHDM 7006 Architectural Design with Digital Media B

2.3.2 No candidate shall be granted status for courses with a total value of more than 6 units

2.3.3 A candidate who fails a course and desires to repeat that course shall, unless exempted partially therefrom by the Dean of School of Architecture, Landscape Architecture and Urban Design (or nominee) concerned, again complete the required work in the course to the satisfaction of the teaching staff concerned.

2.4 Articulation with other awards

A candidate who has been admitted to the Graduate Certificate in Architecture (Digital Media) and who has been granted status toward the Graduate Diploma for courses presented for the Graduate Certificate must surrender the Graduate Certificate before being admitted to the Graduate Diploma.

3 Assessment and examinations

3.1 There shall be four classifications of pass in the courses for the Graduate Diploma. Pass with High Distinction, Pass with Distinction, Pass with Credit and Pass

3.2 (a) A candidate shall not be eligible to attend for examination unless the prescribed work has been completed to the satisfaction of the teaching staff concerned

(b) For the purpose of this Rule, a candidate who is refused permission to sit for examination shall be deemed to have failed the examination

3.3 A candidate who has failed a course twice may not re-enrol in that course except by special permission of the Dean of School and then only under such conditions as may be prescribed.

4 Qualification requirements

4.1 Academic program

To qualify for the Graduate Diploma, a candidate shall satisfactorily complete courses to the value of 24 units, as follows:

ARCHDM 7003 Architectural Design with Digital Media C	12
ARCHDM 7004 Architectural Design with Digital Media A	6
ARCHDM 7006 Architectural Design with Digital Media B	6

4.2 A candidate may take only one of ARCHDM 7004 or ARCHDM 7006 through distance learning

4.3 No candidate will be permitted to count towards an award any course, together with any other course, which, in the opinion of the Faculty concerned, contains a substantial amount of the same material; and no course or portion of a course may be counted twice towards an award.

4.4 Graduation

Subject to Chapter 89 of the Statutes, candidates who have satisfied the requirements for any award of the University shall be admitted to that award at a graduation ceremony for the purpose.

5 Special circumstances

When in the opinion of the relevant Faculty special circumstances exist, the Council, on the recommendation of the Faculty in each case, may vary any of the provisions of the Academic Program Rules for any particular award.

Graduate Diploma in Design Studies (Digital Media)

Note: Postgraduate tuition fees apply to this program.

Program Rules

1 Duration of program

To qualify for the Graduate Diploma, a candidate shall satisfactorily complete 24 units of study in one year of full-time study or the equivalent of part-time study.

2 Admission

2.1 Applications for admission shall be directly to the School of Architecture, Landscape Architecture and Urban Design. Successful applicants to the program may not defer their studies to the following year.

An applicant for admission to the program of study for the Graduate Diploma in Design Studies (Digital Media) shall have qualified for

(a) a degree of Bachelor of Landscape Architecture of the University or for a Bachelor degree of another institution accepted for the purpose by the University *or*

(b) a Bachelor degree of the University or another approved institution in one or more of the following areas: design studies, interior architecture or an allied built environment discipline *or*

(c) the Graduate Certificate in Design Studies (Digital Media).

2.2 The Faculty may, subject to such conditions (if any) as it may see fit to impose in each case, accept as a candidate for the degree a person who does not satisfy the requirements of Rule 2.1 above, but who has presented evidence satisfactory to the Faculty of fitness to undertake work for the Graduate Diploma.

2.3 Status, exemption and credit transfer

2.3.1 No candidate will be granted status for DESSTDM 7002 Design with Digital Media B, except candidates who have qualified for the Graduate Certificate in Design Studies (Digital Media).

2.3.2 No candidate shall be granted status for courses with a total value of more than 6 units, except candidates who have qualified for the Graduate Certificate in Design Studies (Digital Media).

2.3.3 A candidate who fails a course and desires to repeat that course shall, unless exempted partially therefrom by the Dean of the School, again complete the required work in the course to the satisfaction of the teaching staff concerned.

2.4 Articulation with other awards

2.4.1 A candidate who has been admitted to the Graduate Certificate in Design Studies (Digital Media) and who has been granted status toward the Graduate Diploma for courses presented for the Graduate Certificate must surrender the Graduate Certificate before being admitted to the Graduate Diploma.

3 Assessment and examinations

3.1 There shall be four classifications of pass in the courses for the Graduate Diploma. Pass with High Distinction, Pass with Distinction, Pass with Credit and Pass.

3.2 (a) A candidate shall not be eligible to attend for examination unless the prescribed work has been completed to the satisfaction of the teaching staff concerned.

(b) For the purpose of this Rule, a candidate who is refused permission to sit for examination shall be deemed to have failed the examination.

4 Qualification requirements

4.1 To qualify for the Graduate Diploma, a candidate shall satisfactorily complete courses to the value of 24 units, as follows:

DESSTDM 7001 Design with Digital Media A	6
DESSTDM 7002 Design with Digital Media B	6
DESSTDM 7003 Design with Digital Media C	12

4.2 A candidate may take only one of DESST 7001 Design with Digital Media A or DESST 7002 Design with Digital Media B through distance learning.

4.3 No candidate will be permitted to count towards an award any course, together with any other course, which, in the opinion of the Faculty concerned, contains a substantial amount of the same material; and no course or portion of a course may be counted twice towards an award.

4.4 Graduation

Subject to Chapter 89 of the Statutes, candidates who have satisfied the requirements for any award of the University shall be admitted to that award at a graduation ceremony for the purpose.

5 Special circumstances

When in the opinion of the relevant Faculty special circumstances exist, the Council, on the recommendation of the Faculty in each case, may vary any of the provisions of the Academic Program Rules for any particular award.

Master of Architecture (Coursework)

Note: Postgraduate tuition fees apply to this program.

Academic Program Rules

1 Duration of program

1.1 The program of study for the degree shall extend over five semesters of full-time study or the equivalent. Students shall pass courses to the value of at least 60 units. The unit values of the courses are contained in Academic Program Rule 4.1.

2 Admission

2.1 Applications for admission shall be directly to the South Australian Tertiary Admissions Centre (SATAC) on the appropriate form by the required date. Successful applicants to the program may not defer their studies to the following year.

A candidate for admission to the program of study for the Master of Architecture (Coursework) must have obtained or completed the requirements for:

(a) the Honours degree of Bachelor of Design Studies of the University of Adelaide subject to successful completion of courses comprising the Architectural Studies major *or*

(b) the Honours degree of Bachelor of Architecture or Honours degree of Bachelor of Landscape Architecture of the University of Adelaide or an equivalent award from another educational institution accepted by the University for the purpose *or*

(c) the degree of Bachelor of Architecture of the University of Adelaide and at least two years' appropriate professional experience *or*

(d) the degree of Bachelor of Architecture (New) of the University of Adelaide with credit average result or better *or*

(e) a five year degree in Architecture or Landscape Architecture from another educational institution accepted by the University for the purpose and at least two years' appropriate professional experience *or*

(f) the Graduate Diploma in Design Studies of the University of Adelaide with credit average result or better, or an equivalent award from another educational institution accepted by the University for the purpose.

2.2 Subject to the approval of Council the Faculty may, in special cases and subject to such conditions (if any) as it may see fit to impose in each case, accept as a candidate for the degree a person who does not hold the qualifications specified in 2.1 above but who has given evidence satisfactory to the Faculty of fitness to undertake work for the degree.

2.3 Status, exemption and credit transfer

2.3.1 A candidate who has passed postgraduate level courses in the School of Architecture, Landscape Architecture and Urban Design or in other faculties/schools of the University or in other educational institutions, may on written application to the Dean of School be granted such exemption from these Academic Program Rules as the School may determine.

2.3.2 No student may be granted more than 36 units of status towards the Master's degree. Status will not be granted for the course ARCH 7005 Architecture Masters Dissertation.

2.4 Articulation with other awards

2.4.1 Notwithstanding the above Rules a candidate who has been enrolled for the Master of Architecture (Coursework) and who has completed the work prescribed herein for the degree or Honours degree of Bachelor of Architecture of the University of Adelaide and who has not been awarded the Master's degree shall, on written application to the Dean of the School of Architecture, Landscape Architecture and Urban Design, be awarded the appropriate degree of Bachelor of Architecture.

3 Assessment and examinations

3.1 There shall normally be four classifications of pass in the final assessment of any course for the Masters (Coursework) degree, as follows: Pass with High Distinction, Pass with Distinction, Pass with Credit, Pass. If the Pass classification be in two divisions a pass in the higher division may be prescribed in the syllabuses as a prerequisite for admission to further studies in that course or to other courses. Results in certain courses as specified in the relevant Academic Program Rules will not be classified.

3.2 A candidate shall not be eligible to attend for examination unless the prescribed work has been completed to the satisfaction of the teaching staff concerned.

3.3 In determining a candidate's final result in a course (or part of a course) the examiners may take into account oral, written, practical and examination work, provided that the candidate has been given adequate notice at the commencement of the teaching of the course of the way in which work will be taken into account and of its relative importance in the final result.

3.4 A candidate who fails a course or who obtains a lower division pass and who desires to take that course again shall, unless exempted wholly or partially therefrom by the Dean of the School of Architecture, Landscape Architecture and Urban Design, again complete the required work in that course to the satisfaction of the teaching staff concerned.

3.5 The Dean of School shall appoint at least two examiners of the Dissertation, at least one of whom shall be external to the School of Architecture, Landscape Architecture and Urban Design

3.6 Review of academic progress

If in the opinion of the Faculty a candidate for the Master of Architecture (Coursework) is not making satisfactory progress, the Faculty may, with the consent of the Council, terminate the candidature and the candidate shall cease to be enrolled for the Masters degrees.

4 Qualification requirements

4.1 Academic program

To qualify for the degree of Master of Architecture (Coursework) a candidate shall pass the following courses to the value of at least 60 units:

ARCH 7006A/B Architecture Masters Project	12
ARCH 7007A/B Architecture Masters Dissertation	12
ARCH 7009 Architecture Studio IA	6
ARCH 7010 Architecture Studio IB	6
ARCH 7011 Architecture Studio IC	6
ARCH 7012 Architecture Studio ID	6
ARCH 7013 Architecture Studio II	8
ARCH 7014 Architecture Practice II	4

4.2 No candidate will be permitted to count towards an award any course, together with any other course, which, in the opinion of the Faculty concerned, contains a substantial amount of the same material; and no course or portion of a course may be counted twice towards an award.

4.3 Graduation

Subject to Chapter 89 of the Statutes, candidates who have satisfied the requirements for any award of the University shall be admitted to that award at a graduation ceremony for the purpose.

5 Special circumstances

When in the opinion of the relevant Faculty special circumstances exist, the Council, on the recommendation of the Faculty in each case, may vary any of the provisions of the Academic Program Rules for any particular award.

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Master of Architecture (Digital Media)

Note: Postgraduate tuition fees apply to this program.

Academic Program Rules

1 Duration of program

To qualify for the Master's degree, a candidate shall satisfactorily complete three semesters of full-time study or the equivalent of part-time study.

2 Admission

2.1 Applications for admission shall be directly to the School of Architecture, Landscape Architecture and Urban Design. Successful applicants to the program may not defer their studies to the following year.

An applicant for admission to the program of study for the Master of Architecture (Digital Media) shall have qualified for

(a) an Honours degree of Bachelor of Architecture of the University or for an Honours degree of another institution accepted for the purpose by the University or

(b) a degree of Bachelor of Architecture of the University, and have at least two years' appropriate professional experience, or for a degree of another institution accepted for the purpose by the University and have at least two years' appropriate professional experience *or*

(c) the Graduate Diploma in Architecture (Digital Media).

2.2 The Faculty may, subject to such conditions (if any) as it may see fit to impose in each case, accept as a candidate for the degree a person who does not satisfy the requirements of Rule 2.1 above, but who has presented evidence satisfactory to the Faculty of fitness to undertake work for the degree.

2.3 Status, exemption and credit transfer

2.3.1 No candidate will be granted status for ARCHDM 7006 Architectural Design with Digital Media B, except candidates who have qualified for the Graduate Diploma in Architecture (Digital Media).

2.3.2 No candidate shall be granted status for courses with a total value of more than 6 units, except candidates who have qualified for the Graduate Diploma in Architecture (Digital Media).

2.3.3 A candidate who fails a course and desires to repeat that course shall, unless exempted partially therefrom by the Dean of the School, again complete the required work in the course to the satisfaction of the teaching staff concerned.

2.4 Articulation with other awards

2.4.1 A candidate who has been admitted to the Graduate Diploma in Architecture (Digital Media) and who has been granted status toward the Master's degree for courses presented for the Graduate Diploma must surrender the Graduate Diploma before being admitted to the Master's degree.

2.4.2 A candidate for the Master of Architecture (Digital Media) who satisfies the requirements for the Graduate Diploma but who does not complete the requirements for the Master's degree may be admitted to the Graduate Diploma.

3 Assessment and examinations

3.1 There shall be four classifications of pass in the courses for the Master's degree. Pass with High Distinction, Pass with Distinction, Pass with Credit and Pass.

3.2 (a) A candidate shall not be eligible to attend for examination unless the prescribed work has been completed to the satisfaction of the teaching staff concerned.

(b) For the purpose of this Rule, a candidate who is refused permission to sit for examination shall be deemed to have failed the examination.

4 Qualification requirements

4.1 Academic program

To qualify for the degree, a candidate shall satisfactorily complete courses to the value of 36 units, as follows:

ARCHDM 7001 Architectural Design with Digital Media Masters Project	12
ARCHDM 7003 Architectural Design with Digital Media C	12
ARCHDM 7004 Architectural Design with Digital Media A	6
ARCHDM 7006 Architectural Design with Digital Media B	6

4.2 A candidate may take only one of ARCHDM 7004 Architectural Design with Digital Media A or ARCHDM 7006 Architectural Design with Digital Media B through distance learning.

4.3 No candidate will be permitted to count towards an award any course, together with any other course, which, in the opinion of the Faculty concerned, contains a substantial amount of the same material; and no course or portion of a course may be counted twice towards an award.

4.4 Graduation

Subject to Chapter 89 of the Statutes, candidates who have satisfied the requirements for any award of the University shall be admitted to that award at a graduation ceremony for the purpose.

5 Special circumstances

When in the opinion of the relevant Faculty special circumstances exist, the Council, on the recommendation of the Faculty in each case, may vary any of the provisions of the Academic Program Rules for any particular award.

Master of Design Studies (Digital Media)

Note: Postgraduate tuition fees apply to this program.

Academic Program Rules

1 Duration of program

To qualify for the Master's degree, a candidate shall satisfactorily complete three semesters of full-time study or the equivalent of part-time study.

2 Admission

2.1 Applications for admission shall be directly to the School of Architecture, Landscape Architecture and Urban Design. Successful applicants to the program may not defer their studies to the following year.

An applicant for admission to the program of study for the Master of Design Studies (Digital Media) shall have qualified for

(a) an Honours degree of Bachelor of Landscape Architecture of the University or for an Honours degree of another institution accepted for the purpose by the University *or*

(b) a degree of Bachelor of Landscape Architecture of the University, and have at least two years' appropriate professional experience, or for a degree of another institution accepted for the purpose by the University and have at least two years' appropriate professional experience *or*

(c) an Honours degree of the University or another approved institution in one or more of the following areas: design studies, interior architecture or an allied built environment discipline *or*

(d) the Graduate Diploma in Design Studies (Digital Media).

2.2 The Faculty may, subject to such conditions (if any) as it may see fit to impose in each case, accept as a candidate for the degree a person who does not satisfy the requirements of Rule 2.1 above, but who has presented evidence satisfactory to the Faculty of fitness to undertake work for the degree.

2.3 Status, exemption and credit transfer

2.3.1 No candidate will be granted status for DESSTDM 7002 Design with Digital Media B, except candidates who have qualified for the Graduate Diploma in Design Studies (Digital Media).

2.3.2 No candidate shall be granted status for courses with a total value of more than 6 units, except candidates who have qualified for the Graduate Diploma in Design Studies (Digital Media).

2.3.3 A candidate who fails a course and desires to repeat that course shall, unless exempted partially therefrom by the Dean of the School, again complete the required work in the course to the satisfaction of the teaching staff concerned.

2.4 Articulation with other awards

2.4.1 A candidate who has been admitted to the Graduate Diploma in Design Studies (Digital Media) and who has been granted status toward the Master's degree for courses presented for the Graduate Diploma must surrender the Graduate Diploma before being admitted to the Master's degree.

2.4.2 A candidate for the Master of Design Studies (Digital Media) who satisfies the requirements for the Graduate Diploma but who does not complete the requirements for the Master's degree may be admitted to the Graduate Diploma.

3 Assessment and examinations

3.1 There shall be four classifications of pass in the courses for the Master's degree. Pass with High Distinction, Pass with Distinction, Pass with Credit and Pass.

3.2 (a) A candidate shall not be eligible to attend for examination unless the prescribed work has been completed to the satisfaction of the teaching staff concerned.

(b) For the purpose of this Rule, a candidate who is refused permission to sit for examination shall be deemed to have failed the examination.

4 Qualification requirements

4.1 To qualify for the degree, a candidate shall satisfactorily complete courses to the value of 36 units, as follows:

DESSTDM 7001 Design with Digital Media A	6
DESSTDM 7002 Design with Digital Media B	6
DESSTDM 7003 Design with Digital Media C	12
DESSTDM 7004 Design with Digital Media Masters Project	12

4.2 A candidate may take only one of DESSTDM 7001 Design with Digital Media A or DESSTDM 7002 Design with Digital Media B through distance learning.

4.3 No candidate will be permitted to count towards an award any course, together with any other course, which, in the opinion of the Faculty concerned, contains a substantial amount of the same material; and no course or portion of a course may be counted twice towards an award.

4.4 Graduation

Subject to Chapter 89 of the Statutes, candidates who have satisfied the requirements for any award of the University shall be admitted to that award at a graduation ceremony for the purpose.

5 Special circumstances

When in the opinion of the relevant Faculty special circumstances exist, the Council, on the recommendation of the Faculty in each case, may vary any of the provisions of the Academic Program Rules for any particular award.

Master of Landscape Architecture

Note: Postgraduate tuition fees apply to this program.

Academic Program Rules

1 Duration of program

1.1 The program of study for the degree shall extend over five semesters of full-time study or the equivalent. Students shall pass courses to the value of at least 60 units. The unit values of the courses are contained in Academic Program Rule 4.1.

2 Admission

2.1 Applications for admission shall be directly to the South Australian Tertiary Admissions Centre (SATAC) on the appropriate form by the required date. Successful applicants to the program may not defer their studies to the following year.

A candidate for admission to the program of study for the Master of Landscape Architecture must have obtained or completed the requirements for:

(a) the Honours degree of Bachelor of Design Studies of the University of Adelaide subject to successful completion of courses comprising the Landscape Studies major *or*

(b) the Honours degree of Bachelor of Architecture or Honours degree of Bachelor of Landscape Architecture of the University of Adelaide or an equivalent award from another educational institution accepted by the University for the purpose *or*

(c) the degree of Bachelor of Architecture of the University of Adelaide and at least two years' appropriate professional experience *or*

(d) the degree of Bachelor of Landscape Architecture of the University of Adelaide with credit average result or better *or*

(e) a five year degree in Architecture or Landscape Architecture from another educational institution accepted by the University for the purpose *or*

(f) the Graduate Diploma in Design Studies (Landscape) of the University of Adelaide with credit average result or better, or an equivalent award from another educational institution accepted by the University for the purpose.

2.2 Subject to the approval of Council the Faculty may, in special cases and subject to such conditions (if any) as it may see fit to impose in each case, accept as a candidate for the degree a person who does not hold the qualifications specified in 2.1 above but who has given evidence satisfactory to the Faculty of fitness to undertake work for the degree.

2.3 Status, exemption and credit transfer

2.3.1 A candidate who has passed postgraduate level courses in the School of Architecture, Landscape Architecture and Urban Design or in other faculties/schools of the University or in other educational institutions, may on written application to the Dean of School be granted such exemption from these Academic Program Rules as the School may determine.

2.3.2 No student may be granted more than 36 units of status towards the Master's degree. Status will not be granted for the course LARCH 7005A/B Landscape Architecture Masters Dissertation.

2.4 Articulation with other awards

Notwithstanding the above Rules a candidate who has been enrolled for the Master's degree of Landscape Architecture and who has completed the work prescribed herein for the degree or Honours degree of Bachelor of Landscape Architecture of the University of Adelaide and who has not been awarded the Master's degree shall, on written application to the Dean of School of Architecture, Landscape Architecture and Urban Design, be awarded the appropriate degree of Bachelor of Landscape Architecture.

3 Assessment and examinations

3.1 There shall normally be four classifications of pass in the final assessment of any course for the Masters degree, as follows: Pass with High Distinction, Pass with Distinction, Pass with Credit, Pass. If the Pass classification be in two divisions a pass in the higher division may be prescribed in the syllabuses as a prerequisite for admission to further studies in that course or to other courses. Results in certain courses as specified in the relevant Academic Program Rules will not be classified.

3.2 A candidate shall not be eligible to attend for examination unless the prescribed work has been completed to the satisfaction of the teaching staff concerned.

3.3 In determining a candidate's final result in a course (or part of a course) the examiners may take into account oral, written, practical and examination work, provided that the candidate has been given adequate notice at the commencement of the teaching of the course of the way in which work will be taken into account and of its relative importance in the final result.

3.4 A candidate who fails a course or who obtains a lower division pass and who desires to take that course again shall, unless exempted wholly or partially therefrom by the Dean of the School of Architecture, Landscape Architecture and Urban Design complete again the required work in that course to the satisfaction of the teaching staff concerned.

3.5 The Dean of School shall appoint at least two examiners of the Dissertation, at least one of whom shall be external to the School of Architecture, Landscape Architecture and Urban Design.

3.6 Review of academic progress

If in the opinion of the Faculty a candidate for the Master of Landscape Architecture is not making satisfactory progress, the Faculty may, with the consent of the Council, terminate the candidature and the candidate shall cease to be enrolled for the Masters degrees.

4 Qualification requirements

4.1 Academic program

To qualify for the degree of Master of Landscape Architecture a candidate shall pass the following courses to the value of at least 60 units:

LARCH 7004A/B Landscape Architecture Masters Project	12
LARCH 7005A/B Landscape Architecture Masters Dissertation	12
LARCH 7009 Landscape Architecture Studio IA	6
LARCH 7010 Landscape Architecture Studio IB	6
LARCH 7011 Landscape Architecture Studio IC	6
LARCH 7012 Landscape Architecture Studio ID	6
LARCH 7013 Landscape Architecture Studio II	6
LARCH 7014 Landscape Architecture Practice II	4
LARCH 7015 Landscape Architecture Seminar II	2

4.2 No candidate will be permitted to count towards an award any course, together with any other course, which, in the opinion of the Faculty concerned, contains a substantial amount of the same material; and no course or portion of a course may be counted twice towards an award.

4.3 Graduation

Subject to Chapter 89 of the Statutes, candidates who have satisfied the requirements for any award of the University shall be admitted to that award at a graduation ceremony for the purpose.

5 Special circumstances

When in the opinion of the relevant Faculty special circumstances exist, the Council, on the recommendation of the Faculty in each case, may vary any of the provisions of the Academic Program Rules for any particular award.

Master of Architecture
Master of Building Science
Master of Landscape Architecture

Academic Program Rules

1 General

1.1 This document must be read in conjunction with:

(a) the General Academic Program Rules for Master by Research Programs (see under Adelaide Graduate Centre, p.8) *and*

(b) the Code of Practice for Maintaining and Monitoring Academic Quality and Standards in Higher Degrees by Research, published by the Adelaide Graduate Centre.

These documents explain procedures to be followed and contain guidelines on supervision and research for the degree of Doctor of Philosophy and the various Masters Degrees by Research, offered by the University.

All students must comply with both the General Academic Rules and the rules following below, and procedures outlined in the Code of Practice.

In addition to the General Academic Program Rules for Masters by Research degrees, in this publication, the following discipline specific rules apply.

2 Admission

2.1 Master of Architecture

The Board of Research Education and Development may accept as a candidate for the degree of Master of Architecture any person who:

(a) has qualified for the Honours degree of Bachelor of Architecture of the University of Adelaide *or*

(b) has obtained in another university or tertiary institution qualifications which are deemed at least equivalent to those of the Honours degree of Bachelor of Architecture *or*

(c) has qualified for a degree, whose academic qualifications are accepted by the Board as sufficient.

2.2 Master of Building Science

The Board of Research Education and Development may accept as a candidate for the degree of Master of Building Science any person who:

(a) has qualified for the Honours degree of Bachelor of Architectural Studies or the Honours degree of Bachelor of Architecture of the University of Adelaide

or

(b) has obtained in another university or tertiary institution qualifications which are deemed at least equivalent to those of the Honours degree of Bachelor of Architectural Studies *or*

(c) has qualified for a degree, whose academic qualifications are accepted by the Board as sufficient.

2.3 Master of Landscape Architecture by Research

The Board of Research Education and Development may accept as a candidate for the degree of Master of Landscape Architecture by Research any person who:

(a) has qualified for the Honours degree of Bachelor of Landscape Architecture of the University of Adelaide

or

(b) has obtained in another university or tertiary institution qualifications which are deemed at least equivalent to those of the Honours degree of Bachelor of Landscape Architecture *or*

(c) has qualified for a degree, whose academic qualifications are accepted by the Faculty as sufficient.

School of Commerce

www.commerce.adelaide.edu.au

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Postgraduate awards in the School of Commerce

Master of Applied Finance

Master of Commerce

Master of Commerce (Coursework)

Notes on Delegated Authority

1 Council has delegated the power to approve minor changes to the Academic Program Rules to the Executive Deans of Faculties.

2 Council has delegated the power to specify syllabuses to the Head of each department or centre concerned, such syllabuses to be subject to approval by the Faculty or by the Executive Dean on behalf of the Faculty.

Master of Applied Finance

This program is taught only in Singapore

Academic Program Rules

1 Duration of program

To quality for the degree, a candidate shall satisfactorily complete a program of study equivalent to one and a half (1.5) years of full-time study. Except with the permission of the Faculty, the requirements of the degree must be completed within 5 years.

2 Admission

2.1 An applicant for admission to the academic program for the degree of Master of Applied Finance shall have qualified for a four (4) year undergraduate program in an institution accepted by the Faculty as appropriate OR have qualified for a three (3) year program and have relevant work experience.

2.2 The Faculty may, subject to such conditions as it may see fit to impose in each case, accept as a candidate for the degree a person who does not satisfy the requirements of Rule 1.1 above but who has presented evidence satisfactory to the Faculty of fitness to undertake work for the degree. This may include acceptance of professional qualifications where they are of high quality and provide an appropriate background to undertake a past graduate qualification in finance.

2.3 Status, exemption and credit transfer

2.3.1 No candidate will be permitted to count for the degree any course that, in the opinion of the Faculty, contains substantially the same material as any other course that he or she has already presented for another award. Except with special permission of the Faculty, no candidate will be granted status for any course that he or she has presented for any award.

2.3.2 Such status as may be awarded in exceptional circumstances will only be awarded for equivalent graduate level studies.

2.3.3 In any case, no candidate will be awarded more than 18 points of status.

2.3.4 A candidate who fails a course and wishes to repeat that course shall, unless exempted partially therefrom by the Executive Dean or nominee, again complete the required work in the course to the satisfaction of the teaching staff concerned.

3 Assessment and examinations

3.1 There shall be four classifications of pass in any course for the Masters degree: Pass with High Distinction, Pass with Distinction, Pass with Credit and Pass.

3.2 (a) A candidate shall not be eligible to attend for examination unless the prescribed work has been completed to the satisfaction of the teaching staff concerned

(b) For the purpose of this Rule, a candidate who is refused permission to sit for examination shall be deemed to have failed the examination.

3.3 A candidate who has failed a course twice may not reenrol in that course except by special permission of the Executive Dean or nominee and then only under such conditions as may be prescribed.

4 Qualification requirements

4.1 Academic program

To qualify for the degree, a candidate shall satisfactorily complete courses to the value of 36 points, as follows:

4.1.1 Core Courses

All candidates shall complete the following core courses:

COMMERCE 7002NA Accounting Information for Financial Decision Makers	3
COMMERCE 7003NA Financial Quantitative Procedures	3
COMMERCE 7005NA Principles of Finance	3
COMMERCE 7006NA Equity	4
COMMERCE 7007NA Fixed Income Securities	4
COMMERCE 7008NA Futures, Options and Swaps	4
COMMERCE 7009NA Corporate Finance Theory	4
COMMERCE 7010NA Portfolio Management	4
ECON 7200NA Economic Principles (M)	3

4.1.2 Elective Courses

All candidates shall complete one elective to the value of 4 points selected from the list of approved electives:

COMMERCE 7011NA Financial Modelling *

COMMERCE 7012NA Treasury Management

COMMERCE 7013NA Financial Statement Analysis

COMMERCE 7014NA Personal Financial Planning

* not offered in 2004.

4.2 No candidate will be permitted to count towards an award any course, together with any other course, which, in the opinion of the Faculty concerned, contains a substantial amount of the same material; and no course or portion of a course may be counted twice towards an award.

4.3 Graduation

Subject to Chapter 89 of the Statutes, candidates who have satisfied the requirements for any award of the University shall be admitted to that award at a graduation ceremony for the purpose.

5 Special circumstances

When in the opinion of the relevant Faculty special circumstances exist, the Council, on the recommendation of the Faculty in each case, may vary any of the provisions of the Academic Program Rules for any particular award.

Master of Commerce

Academic Program Rules

1 General

1.1 This document must be read in conjunction with:

(a) the General Academic Program Rules for Master by Research Programs (see under Adelaide Graduate Centre, p.8) *and*

(b) the Code of Practice for Maintaining and Monitoring Academic Quality and Standards in Higher Degrees by Research, published by the Adelaide Graduate Centre.

These documents explain procedures to be followed and contain guidelines on supervision and research for the degree of Doctor of Philosophy and the various Masters Degrees by Research, offered by the University.

All students must comply with both the General Academic Rules and the rules following below, and procedures outlined in the Code of Practice.

In addition to the General Academic Program Rules for Masters by Research degrees, in this publication, the following discipline specific rules apply.

2 Admission

2.1 The Board of Research Education and Development may accept as a candidate for the degree of Master of Commerce any person who:

(a) has qualified for the degree of Bachelor of Commerce with First or Second-Class Honours at the University of Adelaide *or*

(b) has qualified for another Honours degree which the Board regards as being equivalent to a First or Second-Class Honours degree in Commerce of the University of Adelaide.

3 Enrolment

In addition to Rules 6.1 - 6.4 of the General Program Rules, postgraduate students of the School of Commerce are normally expected to attend the majority of research seminars arranged by the School in each year of their candidature. For full-time students, attendance at a minimum of 50 per cent of seminars is expected. For part-time students, a minimum of 30 percent is expected.

Master of Commerce (Coursework)
Master of Commerce (Accounting)
Master of Commerce (Applied Finance)
Master of Commerce (Marketing)

Academic Program Rules

1 Duration of program

To qualify for the degree, a candidate shall satisfactorily complete a program of study comprising three semesters of full-time study or equivalent part-time. The maximum time permitted for completion of the program is six years.

2 Admission

2.1 An applicant for admission to the academic program for the degree of Master of Commerce, Master of Commerce (Accounting), Master of Commerce (Applied Finance) or Master of Commerce (Marketing) shall:

(a) have qualified for a degree of the University of Adelaide, or a degree of another institution accepted by the Faculty for the purpose as equivalent

(b) have qualified for a Master of Business Administration of the University of Adelaide, or a degree of another institution accepted by the Faculty for the purpose as equivalent.

2.2 The Faculty may, subject to such conditions as it may see fit to impose in each case, accept as a candidate for the degree a person who does not satisfy the requirements of Rule 1.1 above but who has presented evidence satisfactory to the Faculty of fitness to undertake work for the degree.

2.3 On satisfying the admission requirements for entry to the Master of Commerce, students will enrol in a program of study to allow them to qualify for one of the following degrees:

Master of Commerce

Master of Commerce (Accounting)

Master of Commerce (Applied Finance)

Master of Commerce (Marketing).

2.4 Status, exemption and credit transfer

2.4.1 No candidate shall be granted status for courses with a total value of more than 12 units on account of courses presented for any other award except with permission of the Dean of the School of Commerce.

2.4.2 Exemptions will be granted for up to 12 units for courses at the 'Foundation' level where, in the opinion of the Dean of School of Commerce, the candidate has already presented a course/s for another award that contain(s) substantially the same material as any of the 'Foundation' course. All exemptions granted at the 'Foundation' level must be replaced by courses chosen by the candidate from other parts of the program.

3 Assessment and examinations

3.1 There shall be four classifications of pass in any course for the Masters degree: Pass with High Distinction, Pass with Distinction, Pass with Credit and Pass.

3.2 (a) A candidate shall not be eligible to attend for examination unless the prescribed work has been completed to the satisfaction of the teaching staff concerned

(b) For the purpose of this Rule, a candidate who is refused permission to sit for examination shall be deemed to have failed the examination.

3.3 A candidate who fails a course and wishes to repeat that course shall, unless exempted partially therefrom by the Dean of School of Commerce or nominee, again complete the required work in the course to the satisfaction of the teaching staff concerned.

3.4 A candidate who has failed a course twice may not re-enrol in that course except by special permission of the Faculty and then only under such conditions as may be prescribed.

4 Qualification requirements

4.1 Master of Commerce

To qualify for the degree of Master of Commerce, a candidate shall satisfactorily complete courses to the value of 36 units, as follows:

(a) 12 units selected from the designated Foundation courses

(b) Project Management in Commerce (M)

(c) *either*

(i) 12 units selected from one of the designated disciplinary stream 'Specialisation Level' courses and 9 units selected from one of the designated disciplinary stream 'Advanced Specialisation Level' courses *or*

(ii) 21 units selected from an approved combination of individual courses drawn from one or more Specialisation Level, Advanced Specialisation Level, or elective courses from 4.5.4 below.

4.2 Master of Commerce (Accounting)

4.2.1 To qualify for the degree of Master of Commerce (Accounting), a candidate must satisfy all conditions in 4.1 above.

4.2.2 In addition, the courses presented must include an approved combination of at least 21 units from the 'Specialisation Level' or 'Advanced Specialisation Level' Accounting courses.

4.3 Master of Commerce (Applied Finance)

4.3.1 To qualify for the degree of Master of Commerce (Applied Finance), a candidate must satisfy all conditions in 4.1 above.

4.3.2 In addition, the courses presented must include an approved combination of at least 21 units from the 'Specialisation Level' or 'Advanced Specialisation Level' Applied Finance courses.

4.4 Master of Commerce (Marketing)

4.4.1 To qualify for the degree of Master of Commerce (Marketing), a candidate must satisfy all conditions in 4.1 above.

4.4.2 In addition, the courses presented must include an approved combination of at least 21 units from the 'Specialisation Level' or 'Advanced Specialisation Level' Marketing courses.

4.5 Academic program

4.5.1 Foundation Courses

ACCTING 7000 Accounting and Decision Making (M)	3
COMMERCE 7005 Principles of Finance	3
COMMERCE 7033 Quantitative Methods (M)	3
CORPFIN 7003 Business Finance (M)	3
ECON 7200 Economic Principles (M)	3
MARKETNG 7005 Marketing Principles (M)	3

4.5.2 Specialisation Level and Advanced Specialisation Level courses

Accounting

Specialisation Level

ACCTING 7008 Financial Accounting Issues (M)	3
ACCTING 7009 Auditing and Assurance Services (M)	3
ACCTING 7010 Corporate Accounting (M)	3
ACCTING 7012 Commercial Law and Accounting Regulation (M)	3
ACCTING 7014 Management Accounting (M)	3
COMMLAW 7011 Corporate Law (M)	3
COMMLAW 7013 Income Taxation (M)	3

Advanced Specialisation Level

ACCTING 7015 Advanced Financial Reporting (M)	3
ACCTING 7017 Financial Statement Analysis (M)	3
ACCTING 7018 Public Sector and Not-For-Profit Accountability (M)	3
COMMLAW 7016 Business Taxation and GST (M)	3

Applied Finance

Specialisation Level

CORPFIN 7019 Portfolio Theory and Management (M)	3
CORPFIN 7020 Options, Futures and Risk Management (M)	3
CORPFIN 7021 Corporate Investment and Strategy (M)	3
CORPFIN 7022 Corporate Finance Theory (M)	3
ECON 7044 International Finance IIID	3
ECON 7114 Money, Banking and Financial Markets IIID	3

Advanced Specialisation Level

CORPFIN 7039 Equity Valuation and Analysis (M)	3
CORPFIN 7040 Fixed Income Securities (M)	3
CORPFIN 7042 Treasury and Financial Risk Management (M)	3
ECON 7100 International Finance IV	3

Marketing

Specialisation Level

MARKETNG 7023 Consumer Behaviour (M)	3
MARKETNG 7024 International Marketing (M)	3
MARKETNG 7025 Marketing Communications (M)	3
MARKETNG 7026 Marketing Research and Planning (M)	3

Advanced Specialisation Level

MARKETNG 7027 Brand Management (M)	3
MARKETNG 7028 E-Marketing (M)	3
MARKETNG 7029 International Market Entry Strategies (M)	3

	MARKETNG 7030 Marketing Ethics (M)	3
	MARKETNG 7031 Relationship Marketing (M)	3
	MARKETNG 7032 Strategic Marketing (M)	3
4.5.3	*Capstone Course*	
	COMMERCE 7034 Project Management (M)	3
4.5.4	*Electives*	
	BUSINESS 7000 Social Challenges to Global Business	3
	COMMGMT 7006 Organisation Behaviour (M)	3
	COMMGMT 7007 Strategic Management (M)	3
	COMMERCE 7035 Contemporary Issues in Commerce (M)	3
	COMMERCE 7036 Knowledge Management and Measurement	3
	COMMERCE 7037 Research Methodology in Commerce (M)	3
	ECOMMRCE 7004 Internet Commerce (M)	3
	Any other Specialisation Level or Advanced Specialisation level course approved by the Program Coordinator	
	Any other course from a postgraduate or honours program in the Faculty of Professions approved by the Dean of School of Commerce or nominee.	

Note:MBA electives will only be open to students meeting the 2-year professional experience criterion.

Dental School

www.dentistry.adelaide.edu.au

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Notes on Delegated Authority

1 Council has delegated the power to approve minor changes to the Academic Program Rules to the Executive Deans of Faculties.

2 Council has delegated the power to specify syllabuses to the Head of each department or centre concerned, such syllabuses to be subject to approval by the Faculty or by the Executive Dean on behalf of the Faculty. The Head of department or centre and the Principal of the School of Dental Therapy may approve minor changes to any previously approved syllabus.

Graduate Certificate in Dentistry

Note: Postgraduate tuition fees apply to this program.

Academic Program Rules

1 General

To qualify for the Graduate Certificate, a candidate shall satisfactorily complete Graduate Certificate in Dentistry courses to an aggregate of 12 units.

2 Duration of program

2.1 To qualify for the Graduate Certificate a candidate shall:

(a) complete satisfactorily an approved program of study extending over a period of not more than three years as a part-time candidate *and*

(b) pass such written, oral, clinical and practical examinations as may be required by the Dental School.

2.2 The programme of study, examination and such other work as may be required and the period of study for each candidate shall be specified by the Dean and approved by the Dental School.

2.3 Unless the Dental School, on the advice of the Dean, approves an extension of time in a particular case, the work for the Graduate Certificate shall be completed within the period of study approved for the particular candidate under Academic Program Rule 2.1.

3 Admission

3.1 The Dental School may accept as a candidate for the Graduate Certificate any person who:

(a) has qualified in the University of Adelaide for the degree of Bachelor of Dental Surgery

(b) has qualified in another university for a degree or degrees in dentistry which the Dental School regards as equivalent for the purpose to the qualification specified in Academic Academic Program Rule 3.1(a) hereof

3.2 Articulation with other awards

Students who complete the Graduate Certificate are eligible to apply for entry to the Graduate Diploma in Clinical Dentistry program and if successful on gaining entry, are eligible to apply for status for studies they have undertaken in the Graduate Certificate.

A candidate who has been admitted to the Graduate Certificate in Dentistry and who subsequently satisfies the requirements for the Graduate Diploma In Clinical Dentistry must surrender the Graduate Certificate before being admitted to the Graduate Diploma.

3.3 Prescribed communicable infections policy

The University promotes a pro-active public health approach to prescribed communicable infections (PCI) such as HIV/AIDS, Hepatitis B and Hepatitis C, and seeks to minimise the impact of these infections on students' academic progress. It offers understanding and practical support to students with such infections, and aims to provide a work and study environment free from discrimination, challenging views that result in discriminatory attitudes toward people with PCIs.

The University also has a legal and ethical obligation to take all reasonable measures to prevent the transmission of prescribed communicable infections among students, staff members and visitors, and recognises that some students with such infections will not be permitted to complete the Bachelor of Medicine, Bachelor of Surgery, the Bachelor of Dental Surgery or other clinical programs offered by the Faculty of Health Sciences.

All prospective medical and dental school students are strongly advised to consult the University's *Students With Prescribed Communicable Infections Policy* - available through the University's website at www.adelaide.edu.au/student/current/policies.html - which makes reference to the relevant legislation, elaborates on the reasons for the adoption of this policy, and outlines procedures for implementing the policy.

4 Assessment and examinations

4.1 A candidate shall not be eligible to present for examination unless the required program of study has been completed to the satisfaction of the Dean.

4.2 The Dental School shall appoint examiners for written, oral, clinical and other assessments.

4.3 There shall be one grading classification in any course for the Graduate Certificate: Non Graded Pass.

4.4 Review of academic progress

A candidate's progress may be reviewed at any time by the Dean. If, in the opinion of the Dental School a candidate is not making satisfactory progress the Dental School may, with the consent of Council, terminate the candidature.

5 Qualification requirements

5.1 Academic Program

All students shall satisfactorily complete the compulsory course

DENT 6001HO Contemporary Dental Practice *	6

Students shall complete elective courses to the value of six units taken from the following (subject to availability):

DENT 6021HO Adhesive Dentistry C	2
DENT 6022HO Advanced Restorative Dentistry C	2
DENT 6023HO Endodontics C	2
DENT 6024HO High Risk Caries C	2
DENT 6025HO Implantology C	2
DENT 6026HO Occlusion/TMJ Dysfunction C	2
DENT 6027HO Oral Pathology-Oral Medicine C	2
DENT 6028HO Oral Surgery C	2
DENT 6029HO Orthodontics C	2
DENT 6030HO Periodontics C	2
DENT 6031HO Removable Prosthodontics (full) C	2
DENT 6032HO Removable Prosthodontics (partial) C	2
DENT6033HO Special Patient Care C	2
DENT 6034HO Dental Wear C	2

Other courses as they become available

* available in external mode only

5.2 No candidate will be permitted to count towards an award any course, together with any other course, which, in the opinion of the Faculty concerned, contains a substantial amount of the same material; and no course or portion of a course may be counted twice towards an award.

5.3 Graduation

Subject to Chapter 89 of the Statutes, candidates who have satisfied the requirements for any award of the University shall be admitted to that award at a graduation ceremony for the purpose.

6 Special circumstances

When in the opinion of the relevant Faculty special circumstances exist, the Council, on the recommendation of the Faculty in each case, may vary any of the provisions of the Academic Program Rules for any particular award.

Graduate Diploma in Clinical Dentistry

Note: Postgraduate tuition fees apply to this program.

Academic Program Rules

1 General

1.1 A candidate who complies with the foregoing conditions and satisfies the examiners and the Dental School shall be awarded the Graduate Diploma of Clinical Dentistry.

1.2 No candidate will be permitted to count for the Graduate Diploma in Clinical Dentistry any course that in the opinion of the Dental School contains substantially the same material as any course which he or she presented already for another qualification, other than the Graduate Certificate in Dentistry and then only upon its surrender

2 Duration of program

2.1 To qualify for the Graduate Diploma, a candidate shall:

(a) complete satisfactorily an approved program of study extending over at least one year as a full-time student, or with approval of Dental School, over a period of not more than three years as a part-time candidate *and*

(b) pass such written, oral, clinical and practical examinations, and submit such reports as may be required by the Dental School.

2.2 The program of study, examination, reports and such other work as may be required and the period of study for each candidate shall be specified by the Dean and approved by the Dental School.

2.3 Unless the Dental School, on the advice of the Dean, approve an extension of time in a particular case, the work for the Graduate Diploma shall be completed within the period of study approved for the particular candidate under Academic Program Rule 2.1.

3 Admission

3.1 The Dental School may accept as a candidate for the Graduate Diploma any person who:

(a) has qualified in the University of Adelaide for the degree of Bachelor of Dental Surgery *or*

(b) has qualified in another university for a degree or degrees in dentistry which the Dental School regards as equivalent.

3.2 Prescribed communicable infections policy

The University promotes a pro-active public health approach to prescribed communicable infections (PCI) such as HIV/AIDS, Hepatitis B and Hepatitis C, and seeks to minimise the impact of these infections on students' academic progress. It offers understanding and practical support to students with such infections, and aims to provide a work and study environment free from discrimination, challenging views that result in discriminatory attitudes toward people with PCIs.

The University also has a legal and ethical obligation to take all reasonable measures to prevent the transmission of prescribed communicable infections among students, staff members and visitors, and recognises that some students with such infections will not be permitted to complete the Bachelor of Medicine, Bachelor of Surgery, the Bachelor of Dental Surgery or other clinical programs offered by the Faculty of Health Sciences.

All prospective medical and dental school students are strongly advised to consult the University's *Students With Prescribed Communicable Infections Policy* - available through the University's website at www.adelaide.edu.au/student/current/policies.html - which makes reference to the relevant legislation, elaborates on the reasons for the adoption of this policy, and outlines procedures for implementing the policy.

4 Assessment and examinations

4.1 There shall be four classifications of pass in the courses for the Graduate Diploma: Pass with High Distinction, Pass with Distinction, Pass with Credit and Pass.

4.2 A candidate shall not be eligible to present for examination unless the required program of study has been completed to the satisfaction of the Dean.

4.3 The Dental School shall appoint examiners for written, oral, clinical and other assessments.

4.4 Review of academic progress

A candidate's progress may be reviewed at any time by the Dean. If, in the opinion of the Dental School a candidate is not making satisfactory progress the Dental School may, with the consent of Council, terminate the candidature.

5 Qualification requirements

5.1 Academic Program

The program of study shall be as follows:

DENT 6003HO Basic and Applied Dental Sciences	2
DENT 6004HO Research Methods and Ethics	2
DENT 6055AHO/BHO Advanced Dental Selective	6
DENT 6056AHO/BHO Advanced Dental Studies	6
DENT 6057AHO/BHO Advanced Clinical Studies	8

5.2 Unacceptable combination of courses

No candidate will be permitted to count towards an award any course, together with any other course, which, in the opinion of the Faculty concerned, contains a substantial amount of the same material; and no course or portion of a course may be counted twice towards an award.

5.3 Graduation

Subject to Chapter 89 of the Statutes, candidates who have satisfied the requirements for any award of the University shall be admitted to that award at a graduation ceremony for the purpose.

6 Special circumstances

When in the opinion of the relevant Faculty special circumstances exist, the Council, on the recommendation of the Faculty in each case, may vary any of the provisions of the Academic Program Rules for any particular award.

Graduate Diploma in Forensic Odontology

Note: Postgraduate tuition fees apply to this program.

Academic Program Rules

1 General

1.1 For each candidate, the Dental School shall appoint a supervisor or supervisors for guidance.

1.2 A candidate for the diploma shall regularly attend lectures and tutorials, do such written, clinical and other practical work, and pass such examinations, as may be required by the Dean of the Dental School.

1.3 Students shall at all times be under the direction and supervision of a member of the teaching staff, duly appointed by the Director of the Forensic Odontology Unit, and shall carry out such work as shall be allocated.

2 Duration of program

To qualify for the Diploma a candidate shall satisfactorily complete a program of full-time study extending over one year, or of part-time study extending over at least two years. Except with special permission of the Dental School, the program for the Graduate Diploma shall be completed in not more than three years.

3 Admission

3.1 An applicant for admission to the program of study for the Graduate Diploma shall have qualified for the degree of Bachelor of Dental Surgery in the University of Adelaide, or hold qualifications in Dentistry from another institution accepted for the purpose by the University.

3.2 Subject to the approval of the Council, the Dental School may accept as a candidate an applicant who does not satisfy the requirements of Academic Program Rule 3.1 above but who have given evidence satisfactory to the Dental School of fitness to undertake advanced work in dentistry.

3.3 Prescribed communicable infections policy

The University promotes a pro-active public health approach to prescribed communicable infections (PCI) such as HIV/AIDS, Hepatitis B and Hepatitis C, and seeks to minimise the impact of these infections on students' academic progress. It offers understanding and practical support to students with such infections, and aims to provide a work and study environment free from discrimination, challenging views that result in discriminatory attitudes toward people with PCIs.

The University also has a legal and ethical obligation to take all reasonable measures to prevent the transmission of prescribed communicable infections among students, staff members and visitors, and recognises that some students with such infections will not be permitted to complete the Bachelor of Medicine, Bachelor of Surgery, the Bachelor of Dental Surgery or other clinical programs offered by the Faculty of Health Sciences.

All prospective medical and dental school students are strongly advised to consult the University's *Students With Prescribed Communicable Infections Policy* - available through the University's website at www.adelaide.edu.au/student/current/policies.html - which makes reference to the relevant legislation, elaborates on the reasons for the adoption of this policy, and outlines procedures for implementing the policy.

4 Assessment and examinations

4.1 The Dental School may appoint a Board of Examiners to carry out or supervise the examination of candidates for the Graduate Diploma in accordance with the schedules and syllabuses.

4.2 A candidate shall not be eligible to attend for examination unless the prescribed program of study has been completed to the satisfaction of the Dean of the Dental School.

4.3 Review of academic progress

If in the opinion of the Dental School a candidate is not making satisfactory progress, the Dental School may, with the consent of Council, terminate the candidature

5 Qualification requirements

5.1 To qualify for the diploma a candidate shall pass the following courses

DENT 6003HO Basic and Applied Dental Sciences

DENT 6004HO Research Methods and Ethics

DENT 6006HO Anatomy and Forensic Anthropology

DENT 6008AHO/BHO Casework in Forensic Odontology

DENT 6010AHO/BHO Oral and Forensic Pathology

DENT 6012AHO/BHO Principles and Methods of Forensic Odontology

5.2 No candidate will be permitted to count towards an award any course, together with any other course, which, in the opinion of the Faculty concerned, contains a substantial amount of the same material; and no course or portion of a course may be counted twice towards an award.

5.3 Graduation

Subject to Chapter 89 of the Statutes, candidates who have satisfied the requirements for any award of the University shall be admitted to that award at a graduation ceremony for the purpose.

6 Special circumstances

When in the opinion of the relevant Faculty special circumstances exist, the Council, on the recommendation of the Faculty in each case, may vary any of the provisions of the Academic Program Rules for any particular award.

Master of Science in Dentistry

Academic Program Rules

1 General

1.1 This document must be read in conjunction with:

(a) the General Academic Program Rules for Master by Research Programs (see under Adelaide Graduate Centre, p.8) *and*

(b) the Code of Practice for Maintaining and Monitoring Academic Quality and Standards in Higher Degrees by Research, published by the Adelaide Graduate Centre.

These documents explain procedures to be followed and contain guidelines on supervision and research for the degree of Doctor of Philosophy and the various Masters Degrees by Research, offered by the University.

All students must comply with both the General Academic Rules and the rules following below, and procedures outlined in the Code of Practice.

In addition to the General Academic Program Rules for Masters by Research degrees, in this publication, the following discipline specific rules apply.

2 Admission

2.1 The Board of Research Education and Development may accept as a candidate for the degree any person who:

(a) has qualified in the University of Adelaide for the degree of Bachelor of Dental Surgery and for the Honours Degree of Bachelor of Science in Dentistry with First or Second Class Honours

(b) has qualified for a degree in Dentistry and whose qualifications are regarded by the Board as equivalent to those specified in 2.1(a) *or*

(c) has qualified for a degree or degrees other than in Dentistry which the Board regards as equivalent to the qualifications specified in 2.1(a).

2.2 In addition to Rules 5.1-5.4 of the General Academic Program Rules and Rule 1 above, it is a condition of enrolment and continuing enrolment in all undergraduate programs and all clinical postgraduate programs in the Dental School, that students abide by the following policy:

2.3 Prescribed communicable infections policy

The University promotes a pro-active public health approach to prescribed communicable infections (PCI) such as HIV/AIDS, Hepatitis B and Hepatitis C, and seeks to minimise the impact of these infections on students' academic progress. It offers understanding and practical support to students with such infections, and aims to provide a work and study environment free from discrimination, challenging views that result in discriminatory attitudes toward people with PCIs.

The University also has a legal and ethical obligation to take all reasonable measures to prevent the transmission of prescribed communicable infections among students, staff members and visitors, and recognises that some students with such infections will not be permitted to complete the Bachelor of Medicine, Bachelor of Surgery, the Bachelor of Dental Surgery or other clinical programs offered by the Faculty of Health Sciences.

All prospective medical and dental school students are strongly advised to consult the University's *Students With Prescribed Communicable Infections Policy* - available through the University's website at www.adelaide.edu.au/student/current/policies.html - which makes reference to the relevant legislation, elaborates on the reasons for the adoption of this policy, and outlines procedures for implementing the policy.

Doctor of Clinical Dentistry

Note: Postgraduate tuition fees apply to this program.

Academic Program Rules

1 Duration of program

1.1 Except in circumstances approved by the Board of Research Education and Development, the work for the degree shall be completed and the research thesis or related works submitted:

(a) in the case of a full time candidate, not less that three years and not more than four years from the date of commencement of candidature, except where status has been granted

(b) in the case of a part time candidate, not less that four years and not more than six years from the date of commencement of candidature, except where status has been granted.

2 Admission

2.1 The Board of Research Education and Development may accept as a candidate for the degree any person who:

(a) has qualified in the University of Adelaide for the degree of Bachelor of Dental Surgery, or has qualified in another University for a degree or degrees in dentistry which the Board of Research, Education and Development regards as equivalent *and*

(b) has completed at least two years of relevant practical experience since qualifying for that degree *and*

(c) has qualified for an Honours degree of the University of Adelaide equivalent to at least a second class division standard, or has qualified for the Graduate Diploma in Clinical Dentistry of the University of Adelaide or equivalent, or has successfully completed the Primary Examinations of the Royal Australasian College of Dental Surgeons or equivalent. A case for equivalence can be made by applicants with extensive experience of at least five years in dental practice and who can demonstrate active participation in continuing education

2.2 Status and articulation

2.2.1 A candidate who is currently enrolled for the Graduate Diploma in Clinical Dentistry or Master of Dental Surgery shall, on written application to the Dental School Higher Degrees and Scholarships Committee, be considered for status in all equivalent courses completed towards the Graduate Diploma in Clinical Dentistry or Master of Dental Surgery.

2.2.2 With the permission of the Higher Degrees and Scholarships Committee of the Dental School, students with a degree from other than the University of Adelaide may present for the degree of Doctor of Clinical Dentistry courses to a maximum aggregate units value of 24 units.

2.2.3 Transitional arrangements

2.2.3.1 Students with a degree of Master of Dental Surgery from the University of Adelaide may present for the degree of Doctor of Clinical Dentistry courses to a maximum aggregate units value of 48 units.

2.2.3.2 Students with a three year degree of Master of Dental Surgery (Orthodontics) from the University of Adelaide may present for the degree of Doctor of Clinical Dentistry courses to a maximum aggregate units value of 72 units.

2.2.3.3 Students with the Graduate Diploma in Clinical Dentistry from the University of Adelaide may present for the degree of Doctor of Clinical Dentistry courses to a maximum aggregate units value of 24 units.

2.2.3.4 Candidates who have maximum status awarded as outlined in rule 2.2.1 shall surrender the degree for which status is granted before being admitted to the degree of Doctor of Clinical Dentistry.

2.3 Acceptance

2.3.1 A person shall not be enrolled as a candidate for the degree unless:

(a) the applicant's proposed field of study and research is acceptable to the Board of Research Education and Development in consultation with the Dental School *and*

(b) the Dental School can provide appropriate supervisors and other resources to support the candidate at this university or a collaborating university.

2.3.2 Collaborating Universities for the purpose of this degree shall be defined from time to time by the Dental School.

2.4 Extensions and intermissions

2.4.1 The Board of Research Education and Development in consultation with the Dental School may grant a candidate one extension of candidature of twelve months beyond the

maximum period specified in rule 1.1, but if the research thesis or related works has not been submitted by the end of that period, the candidature will lapse.

2.4.2 A candidate whose work is interrupted for a period of time may be granted an intermission of candidature by the Board of Research Education and Development. If an intermission is approved the duration of the candidature specified in rule 1.1 will be adjusted accordingly.

2.4.3 For candidates undertaking the Oral and Maxillofacial Surgery stream, an intermission of up to four years may be granted while the candidate completes the prerequisites of 8039 Specialist Oral and Maxillofacial Surgery VII. The duration of the candidature specified in Rule 1.1 will be adjusted accordingly.

2.5 Resumption of lapsed candidature

2.5.1 A candidature which has lapsed will be resumed if the completed research work, which has not departed from the field of study which was being pursued before the candidature lapsed, is subsequently submitted within two years from the date when the candidature lapsed to the Manager, Administrative Services. The research work will only be accepted if the Dental School certifies that it is satisfactory to the School. Any extension beyond the two years shall be determined on a case by case basis by the Board of Research Education and Development in consultation with the School. Approval of the Board is required for resumption of a lapsed candidature under any other conditions.

In special circumstances the Board, on the recommendation of the School, may approve the resumption of a lapsed candidature for one period of up to six months prior to the submission of the completed research work.

2.6 Prescribed communicable infections policy

The University promotes a pro-active public health approach to prescribed communicable infections (PCI) such as HIV/AIDS, Hepatitis B and Hepatitis C, and seeks to minimise the impact of these infections on students' academic progress. It offers understanding and practical support to students with such infections, and aims to provide a work and study environment free from discrimination, challenging views that result in discriminatory attitudes toward people with PCIs.

The University also has a legal and ethical obligation to take all reasonable measures to prevent the transmission of prescribed communicable infections among students, staff members and visitors, and recognises that some students with such infections will not be permitted to complete the Bachelor of Medicine, Bachelor of Surgery, the Bachelor of Dental Surgery or other clinical programs offered by the Faculty of Health Sciences.

All prospective medical and dental school students are strongly advised to consult the University's *Students With Prescribed Communicable Infections Policy* - available through the University's website at www.adelaide.edu.au/student/current/policies.html - which makes reference to the relevant legislation, elaborates on the reasons for the adoption of this policy, and outlines procedures for implementing the policy.

3 Assessment and examinations

3.1 Clinical component

Candidates shall be assessed annually. This assessment may take the form of a written examination, viva voce or clinical presentation. Should a candidate's progress be unsatisfactory, their candidature will be reviewed by the Graduate School Advisory Board of the Dental School which shall make recommendations to the Board of Research Education and Development.

3.2 Research component

3.2.1 In order to fulfil the requirements of the research component for the degree, students shall submit a research work consisting of either (1) a thesis based on original research, or (2) a compilation of a minimum of two papers based on research undertaken for the degree, and accepted for publication in internationally refereed journals, with an accompanying summary. By the end of their third year, candidates shall lodge with the Manager, Administrative Services, three copies of the research work for assessment which shall be prepared in accordance with directions given from time to time. Candidates should refer to the Guidelines on Higher Degrees by Research and Specifications for Thesis in this volume.

3.2.2 The Board of Research Education and Development in consultation with the Dental School shall appoint two examiners external to the Dental School for assessment of the research thesis.

3.2.3 Where a candidate submits a compilation of two or more papers accepted for publication in internationally refereed journals, with an accompanying summary, the research work shall be assessed by the Doctoral Examination Committee which shall make appropriate recommendation to the Board of Research Education and Development.

3.3 Recommendations of Doctoral Examination Committee

The Doctoral Examination Committee may recommend to the Board of Research Education and Development through the Graduate School Advisory Board that the candidate:

(a) be awarded the degree *or*

(b) be examined orally or otherwise on the subject of the research work and the general field of knowledge in which it falls *or*

(c) be awarded the degree subject to such amendments of the research thesis as the examiners may have suggested *or*

(d) be not awarded the degree but be allowed to revise and resubmit the research thesis within such period as the Board of Research Education and Development may allow *or*

(e) be not awarded the degree.

3.4 Doctoral Examination Committee

3.4.1 For each candidate, there shall be a Doctoral Examination Committee which shall consist of the Principal Supervisor, the Postgraduate Coordinator and one person nominated by the Higher Degrees and Scholarships Committee of the Dental School.

3.4.2 The Doctoral Examination Committee shall:

(a) recommend the appointment of examiners

(b) consider the reports of the examiners of a research thesis, or published works submitted as fulfilment of the requirements of the research component, and the results of any examination, and make appropriate recommendation to the Board of Research Education and Development regarding the award of the degree.

3.5 Review of Academic Progress

A formal review of a candidate's progress shall be conducted by the Dental School at least once a year, in accordance with Board of Research Education and Development guidelines. A candidate's re-enrolment in the following year is conditional upon his/her having attained satisfactory progress in the year except where the Board is satisfied that special circumstances beyond the candidate's control affected the progress. If a candidate's progress is unsatisfactory, the Board may terminate the candidature, in accordance with the guidelines outlined in the Code of Practice for Maintaining and Monitoring Academic Quality and Standards in Higher Degrees.

4 Qualification requirements

4.1 A candidate shall pursue a program of study and research approved by the Board of Research Education and Development in consultation with the Dental School.

4.2 Within the coursework study component, which comprises two thirds of the degree, all candidates shall be required to complete core courses to the value of 12 units and specialist stream courses to the value of 36 units.

4.3 Within the research component which shall comprise one third of the degree, all candidates shall be required to complete research courses to the value of 24 units.

4.4 Candidates shall satisfactorily complete:

(a) the following core courses:

DENT 8001AHO/BHO Research Methods, Experimental Design & Ethics	4
DENT 8002AHO/BHO Common topics in Dental Clinical Science	4
DENT 8003AHO/BHO Interdisciplinary seminars in Clinical Dentistry	0

(b all courses in one of the following course streams:

(i) Dento-Maxillo-Facial Radiology

DENT 8010AHO/BHO Specialist Clinical Dento-Maxillo-Facial Radiology VI	8
DENT 8011AHO/BHO Specialist Clinical Dento-Maxillo-Facial Radiology VII	8
DENT 8012AHO/BHO Specialist Clinical Dento-Maxillo-Facial Radiology VIII	24

(ii) Endodontics

DENT 8020AHO/BHO Specialist Clinical Endodontics VI	8
DENT 8021AHO/BHO Specialist Clinical Endodontics VII	8
DENT 8022AHO/BHO Specialist Clinical Endodontics VIII	24

(iii) Forensic Odontology

DENT 8030AHO/BHO Specialist Clinical Forensic Odontology VI	8
DENT 8031AHO/BHO Specialist Clinical Forensic Odontology VII	8
DENT 8032AHO/BHO Specialist Clinical Forensic Odontology VIII	24

(iv) General Dental Practice

DENT 8040AHO/BHO Advanced General Dental Practice VI	8
DENT 8041AHO/BHO Advanced General Dental Practice VII	8
DENT 8042AHO/BHO Advanced General Dental Practice VIII	24

(v) Oral & Maxillofacial Surgery

DENT 8050AHO/BHO Specialist Oral & Maxillofacial Surgery VI	8
DENT 8050AHO/BHO Specialist Oral & Maxillofacial Surgery VII	8
DENT 8052AHO/BHO Specialist Oral & Maxillofacial Surgery VIII	24

(vi) Oral Medicine

DENT 8060AHO/BHO Specialist Oral Medicine VI 8

DENT 8061AHO/BHO Specialist Oral Medicine VII 8

DENT 8062AHO/BHO Specialist Oral Medicine VIII 24

(vii) Oral Pathology

DENT 8070AHO/BHO Specialist Oral Pathology VI 8

DENT 8071AHO/BHO Specialist Oral Pathology VII 8

DENT 8072AHO/BHO Specialist Oral Pathology VIII 24

(viii) Orthodontics

DENT 8080AHO/BHO Specialist Orthodontics VI 8

DENT 8081AHO/BHO Specialist Orthodontics VII 8

DENT 8082AHO/BHO Specialist Orthodontics VIII 24

(ix) Paediatric Dentistry

DENT 8090AHO/BHO Specialist Paediatric Dentistry VI 8

DENT 8091AHO/BHO Specialist Paediatric Dentistry VII 8

DENT 8092AHO/BHO Specialist Paediatric Dentistry VIII 24

(x) Periodontics

DENT 8100AHO/BHO Specialist Periodontics VI 8

DENT 8101AHO/BHO Specialist Periodontics VII 8

DENT 8102AHO/BHO Specialist Periodontics VIII 24

(xi) Prosthodontics

DENT 8110AHO/BHO Specialist Prosthodontics VI 8

DENT 8111AHO/BHO Specialist Prosthodontics VII 8

DENT 8112AHO/BHO Specialist Prosthodontics VIII 24

(c) the following four courses which shall be taken sequentially:

DENT 8004HO Doctor of Clinical Dentistry Research A 6

DENT 8005HO Doctor of Clinical Dentistry B 6

DENT 8006HO Doctor of Clinical Dentistry C 6

DENT 8007HO Doctor of Clinical Dentistry D 6

4.5 Unacceptable combination of courses

No candidate will be permitted to count towards an award any course, together with any other course, which, in the opinion of the Faculty concerned, contains a substantial amount of the same material; and no course or portion of a course may be counted twice towards an award.

4.6 Graduation

Subject to Chapter 89 of the Statutes, candidates who have satisfied the requirements for any award of the University shall be admitted to that award at a graduation ceremony for the purpose.

5 Special circumstances

When in the opinion of the relevant Faculty special circumstances exist, the Council, on the recommendation of the Faculty in each case, may vary any of the provisions of the Academic Program Rules for any particular award.

Doctor of Dental Science

Academic Program Rules

1 A person shall not be accepted as a candidate for the degree of Doctor of Dental Science until the expiration of at least four years from admission to the degree of Bachelor of Dental Surgery in the University of Adelaide provided that, in the case of a graduate in dentistry of another university who has been admitted ad eundem gradum in the University of Adelaide, the period of four years shall be reckoned from the date of the first graduation in dentistry.

2 Except in special cases approved by the Board of Research Education and Development, acting with authority wittingly devolved to it by Council only persons who have been admitted to the degree of Master of Dental Surgery or Master of Science in Dentistry or Doctor of Philosophy may become candidates for the degree of Doctor of Dental Science:

3 (a) A person who desires to become a candidate for the degree shall give notice of the intended candidature in writing to the Manager Graduate Administration and Scholarships, Adelaide Graduate Centre. At the same time, and in a separate statement, the applicant shall furnish particulars of personal achievements and a summary of the progress of knowledge relevant to the work proposed for the degree, and indicate where it is considered that the work advances dental knowledge or practice.

(b) The Faculty of Health Sciences shall appoint a committee to investigate the information submitted, including the quality and nature of the work to be submitted, and to advise the Faculty as to whether the Faculty should

(i) allow the applicant to proceed, and approve the subject or subjects of the work to be submitted

(ii) advise the applicant to revise the submission

(iii) advise the applicant not to submit the work *or*

(iv) not allow the applicant to proceed and the Faculty's decision shall be conveyed to the applicant.

(c) If the candidature is accepted and the candidate proceeds with the submission, the Faculty shall approve two or more examiners recommended by the committee of whom at least one shall be external to the University.

(d) The thesis may be written specially for the degree, or may be an already published work, or may be a series of papers. It shall not be a compilation from books, nor a mere compendium of cases, nor merely observational. On the recommendation of an examiner, a candidate may be required to undergo examination in the subject matter of, or in subjects cognate to, the thesis.

(e) In submitting published works, the candidate shall state generally in a preface and specifically in notes, the main sources from which the information was derived and the extent to which the work of others has been included, especially where joint publications are concerned. The candidate may also signify in general terms those parts of the work that are claimed as original. The candidate is also required to indicate what part, if any, of the work has been submitted for a degree in this or any other university.

4 To qualify for the degree, the candidate must satisfy the examiners that the thesis makes an original contribution of distinguished merit and advances knowledge in some branch of dental science.

5 The candidate shall lodge with the Adelaide Graduate Centre three copies of the work prepared in accordance with the directions given in sub-paragraph (b) of clause 2B of Chapter XXV of the Statutes. If the work is accepted for the degree the two of the copies will be transmitted to the University Library.

6 On receipt of the reports of the examiners appointed to adjudicate upon the thesis the Faculty of Health Sciences will recommend whether the degree be granted or withheld or delayed.

7 Notwithstanding anything contained in the preceding rules, the Faculty may in exceptional circumstances recommend the award of the degree to any person who is not a member of the staff of the University. Any such recommendation must be accompanied by evidence that the person for whom the award is proposed has made an original and substantial contribution of distinguished merit to some branch of dental science.

For further information please contact the Adelaide Graduate Centre.

Regulations allowed 10 December, 1942

Amended: 16 Mar. 1961: 5; 15 Jan. 1976: 7; 4 Feb. 1982: 5; 1 Mar. 1984: 2, 7

Regulations repealed and substituted 1 Mar. 1989; 21 Feb, 1991: 2

Rule approved and Regulation repealed 18 March 1999.

School of Economics

www.adelaide.edu.au/econ

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Notes on Delegated Authority

1 Council has delegated the power to approve minor changes to the Academic Program Rules to the Executive Deans of Faculties.

2 Council has delegated the power to specify syllabuses to the Head of each department or centre concerned, such syllabuses to be subject to approval by the Faculty or by the Executive Dean on behalf of the Faculty.

Professional Certificate in International Trade

Academic Program Rules

1 Duration of Program

To qualify for the Professional Certificate, a candidate shall satisfactorily complete the equivalent of one semester of part-time study delivered in six two-day intensive modules.

2 Admission

2.1 An applicant for admission to the academic program for the Professional Certificate in International Trade shall have qualified for a degree of the University or a degree of another institution accepted by the Faculty as equivalent to a degree of the University..

2.2 The Faculty may accept as a candidate for the Professional Certificate a person who does not satisfy the requirements of 2.1 above but who presents evidence of professional experience appropriate to undertake work for the Professional Certificate.

3 Assessment

3.1 There shall be four classifications of pass associated with the program leading to the Professional Certificate: Pass with High Distinction, Pass with Distinction, Pass with Credit and Pass. Each of the six modules will have an assessment requirement..

4 Qualification Requirements

4.1 To qualify for the Professional Certificate in International Trade, a candidate shall satisfactorily complete the following two courses:

TRADE 5000 International Trade: Negotiations & Agreements	3
TRADE 5001 International Trade: Strategies & Opportunities	3

4.2 Students who achieve a Pass with Distinction grading or better on the course-long project and at least two ongoing assessment projects, together with ratings on all other assessments of at least Pass with Credit, will qualify for the award of Professional Certificate in International Trade (with Distinction).

4.3 Unacceptable combination of courses

No candidate will be permitted to count towards an award any course, together with any other course, which, in the opinion of the Faculty concerned, contains a substantial amount of the same material; and no course or portion of a course may be counted twice towards an award.

4.4 Graduation

Subject to Chapter 89 of the Statutes, candidates who have satisfied the requirements for any award of the University shall be admitted to that award at a graduation ceremony for the purpose.

5 Special circumstances

When in the opinion of the relevant Faculty special circumstances exist, the Council, on the recommendation of the Faculty in each case, may vary any of the provisions of the Academic Program Rules for any particular award.

Graduate Certificate in Economics

Academic Program Rules

1 Duration of program

To qualify for the Graduate Certificate a candidate shall complete satisfactorily a program of full-time study extending over at least one semester or of part-time study extending over at least two semesters.

2 Admission

2.1 Except as provided in 2.2 below, an applicant for admission to the program for the Graduate Certificate shall have qualified for a degree of the University or a degree of another institution accepted by the School for the purpose as equivalent to a degree of this University.

2.2 Subject to the approval of the Council, the School may, in special cases and subject to such conditions (if any) as it may see fit to impose in each case, accept as a candidate for the Graduate Certificate a person who does not hold a degree of a tertiary institution but has given evidence satisfactory to the School of fitness to undertake work for the Graduate Certificate.

2.3 The School may require an applicant to complete such additional preliminary work as it may prescribe before he or she is accepted as a candidate for the Graduate Certificate.

2.4 A knowledge of SACE Stage 2 Mathematics I or equivalent is assumed.

2.5 Status, exemption and credit transfer

2.5.1 A candidate who has passed courses in other educational institutions and who has not presented these courses towards an award may, on written application to the Dean be granted such exemption from the requirements of these rules as the School shall determine. Status may be granted for a maximum of 3 units under 4.2 of the Program Rules.

2.5.2 No candidate will be permitted to count for the Graduate Certificate in Economics any course that in the opinion of the School contains substantially the same material as any other course which has been presented already for another qualification.

2.6 Articulation with other awards

Candidates intending to continue on to a graduate Diploma or Master's degree are advised strongly to consult the course requirements for those programs to ensure they complete the compulsory courses satisfactorily.

3 Assessment and examinations

3.1 There shall be four classifications of pass in the final assessment of any course for the Graduate Certificate as follows: Pass with High Distinction, Pass with Distinction, Pass with Credit, Pass.

3.2 A candidate for the Graduate Certificate in Economics shall attend regularly lectures and tutorials, do written work as may be prescribed, and pass examinations in accordance with the provisions of the Program Rules.

3.3 (a) A candidate shall not be eligible to attend for examination unless the prescribed work has been completed to the satisfaction of the teaching staff concerned. A candidate who is not eligible to present for examination or final assessment shall be deemed to have failed the examination/final assessment.

(b) A candidate who fails a course and wishes to repeat the course shall again attend lectures and satisfactorily do such written and practical work as the lecturer concerned may prescribe.

(c) A candidate who has twice failed the examination in any course for the Graduate Certificate or for any other course which in the opinion of the School contains a substantial amount of the same material, may not enrol for that course except by permission of the School and then only under such conditions as School may prescribe.

4 Qualification requirements

To qualify for the Graduate Certificate in Economics the candidate shall satisfactorily complete the following.

4.1 Academic Program

4.1.1 Four one-semester courses (a minimum of twelve units) which shall comprise lectures and tutorials in any of the following courses not previously completed.

ECON 7001 Applied Econometrics IIID*	3
ECON 7011 Consumers, Firms & Markets IID	3
ECON 7016 Resource & Environmental Economics IIID	3
ECON 7017 Special Topics IIID	3
ECON 7022 Econometrics IIID*	3
ECON 7032 Public Finance IIID	3
ECON 7037 Special Topics in Financial Economics IIID	3
ECON 7044 International Finance IIID	3

ECON 7047 Employment Relations IID	3
ECON 7050 International Economic History IIID	3
ECON 7051 Economic and Financial Data Analysis IID*	3
ECON 7058 Development Economics IIID	3
ECON 7070 Labour Economics IIID	3
ECON 7071 Macroeconomic Theory & Policy IID	3
ECON 7072 International Trade IIID	3
ECON 7074 Business Data Analysis ID*	3
ECON 7075 Mathematical Economics IID*	3
ECON 7076 Australian Economic History IID	3
ECON 7096 Economic Theory IIID	3
ECON 7114 Money, Banking & Financial Markets IIID	3

*students are reminded that some mathematical and statistical background is desirable for these courses.

Note: check with the School of Economics for course availability each year.

4.1.2 A candidate may, with the permission of the Dean of School, substitute one four unit course drawn from 4.2 of the Academic Program Rules of the Graduate Diploma in Advanced Economics as a 3 unit course towards the Certificate.

4.2 The number of courses to be offered in any semester will be dependent upon staff availability and student demand.

4.3 In special circumstances, candidates may be given permission to substitute another course for courses specified in 4.1 above.

4.4 No candidate will be permitted to count towards an award any course, together with any other course, which, in the opinion of the Faculty concerned, contains a substantial amount of the same material; and no course or portion of a course may be counted twice towards an award.

4.5 Graduation

Subject to Chapter 89 of the Statutes, candidates who have satisfied the requirements for any award of the University shall be admitted to that award at a graduation ceremony for the purpose.

5 Special circumstances

When in the opinion of the relevant Faculty special circumstances exist, the Council, on the recommendation of the Faculty in each case, may vary any of the provisions of the Academic Program Rules for any particular award.

Graduate Certificate in International Economics

Academic Program Rules

1 Duration of Program

A candidate for the Graduate Certificate shall complete satisfactorily a program of full-time study extending over at least one semester or of part-time study extending over at least two semesters. A candidate shall take not more than six consecutive semesters to complete the requirements of the Certificate.

2 Admission

2.1 Except as provided in 2.2 below, an applicant for admission to the program for the Graduate Certificate shall have qualified for a degree of the University or a degree of another institution accepted by the School for the purpose as equivalent to a degree of this University.

2.2 Subject to the approval of the Council, the School may, in special cases and subject to such conditions (if any) as it may see fit to impose in each case, accept as a candidate for the Graduate Certificate a person who does not hold a degree of a tertiary institution but has given evidence satisfactory to the School of fitness to undertake work for the Graduate Certificate.

2.3 The School may require an applicant to complete such additional preliminary work as it may prescribe before he or she is accepted as a candidate for the Graduate Certificate.

2.4 A knowledge of SACE Stage 2 Mathematics I or its equivalent is assumed.

2.5 Status, exemption and credit transfer

2.5.1 A candidate who has passed courses in other educational institutions and who has not presented these courses towards an award may, on written application to the Dean be granted such exemption from the requirements of these rules as the School shall determine. Status may be granted for a maximum of 3 units under 4.2 of the Academic Program Rules.

2.5.2 No candidate will be permitted to count for the Graduate Certificate in International Economics any course that in the opinion of the School contains substantially the same material as any other course which he or she has presented already for another qualification.

2.6 Articulation with other awards

Candidates intending to continue on to a Graduate Diploma or Master's degree are advised strongly to consult the course requirements for those programs to ensure they complete the compulsory courses satisfactorily.

3 Assessment and examinations

3.1 There shall be four classifications of pass in the final assessment of any course for the Graduate Certificate as follows: Pass with High Distinction, Pass with Distinction, Pass with Credit, Pass.

3.2 A candidate for the Graduate Certificate in International Economics shall attend regularly lectures and tutorials, do written work as may be prescribed, and pass examinations in accordance with the provisions of the Academic Program Rules of the Certificate.

3.3 (a) A candidate shall not be eligible to attend for examination unless the prescribed work has been completed to the satisfaction of the teaching staff concerned. A candidate who is not eligible to present for examination or final assessment shall be deemed to have failed the examination/final assessment.

(b) A candidate who fails a course and wishes to repeat the course shall again attend lectures and tutorials and satisfactorily do such written and practical work as the lecturer concerned may prescribe.

(c) A candidate who has twice failed the examination in any course for the Graduate Certificate or for any other course which in the opinion of the School contains a substantial amount of the same material, may not enrol for that course except by permission of the School and then only under such conditions as School may prescribe.

4 Qualification requirements

4.1 Academic program

To qualify for the Graduate Certificate in International Economics the candidate shall satisfactorily complete four one-semester courses (a minimum of twelve units) which shall comprise the following:

4.1.1 (a) at least one of the following International Economics courses (or their equivalent):

ECON 7036 International Trade and Investment Policy IID	3
ECON 7044 International Finance IIID	3
ECON 7072 International Trade IIID	3

(b) at least three of the following courses not previously or otherwise completed (9 units):

ECON 7001 Applied Econometrics IIID*	3
ECON 7011 Consumers, Firms & Markets IID	3
ECON 7016 Resource & Environmental Economics IIID	3
ECON 7017 Special Topics IIID	3
ECON 7022 Econometrics IIID*	3
ECON 7032 Public Finance IIID	3
ECON 7036 International Trade and Investment Policy IID	3
ECON 7037 Special Topics in Financial Economics IIID	3
ECON 7044 International Finance IIID	3
ECON 7050 International Economic History IIID	3
ECON 7051 Economic and Financial Data Analysis IID*	3
ECON 7058 Development Economics IIID	3
ECON 7071 Macroeconomic Theory & Policy IID	3
ECON 7072 International Trade IIID	3
ECON 7096 Economic Theory IIID	3
ECON 7114 Money, Banking & Financial Markets IIID	3

*students are reminded that some mathematical and statistical background is desirable for these courses.

Note: check with the School of Economics for course availability each year.

(c) A candidate may, with the permission of the Dean of School substitute one four unit course drawn from 4.2 of the Academic Program Rules of the Graduate Diploma in Advanced Economics as a 3 unit course towards the Certificate.

4.2 The number of courses to be offered in any semester will be dependent upon staff availability and student demand.

4.3 In special circumstances, candidates may be given permission to substitute another course for courses specified in 4.1 above.

4.4 No candidate will be permitted to count towards an award any course, together with any other course, which, in the opinion of the Faculty concerned, contains a substantial amount of the same material; and no course or portion of a course may be counted twice towards an award.

4.5 Graduation

Subject to Chapter 89 of the Statutes, candidates who have satisfied the requirements for any award of the University shall be admitted to that award at a graduation ceremony for the purpose.

5 Special circumstances

When in the opinion of the relevant Faculty special circumstances exist, the Council, on the recommendation of the Faculty in each case, may vary any of the provisions of the Academic Program Rules for any particular award.

Graduate Diploma in Advanced Economics

Academic Program Rules

1 Duration of program

To qualify for the Graduate Diploma in Advanced Economics a candidate shall satisfactorily complete a program of full-time study extending over at least two semesters or of part-time study extending over at least four semesters.

2 Admission

2.1 An applicant for admission to the program for the Graduate Diploma shall have qualified for a degree of the University or a degree of another institution accepted by the School for the purpose as equivalent to a degree of this University. The degree must contain a major in Economics.

2.2 Subject to the approval of the School, the Council may, in special cases and subject to such conditions (if any) as it may see fit to impose in each case, accept as a candidate for the Graduate Diploma a person who does not satisfy the requirements of 2.1 above but who has given evidence satisfactory to the School of fitness to undertake work for the Graduate Diploma.

2.3 The School may require an applicant to complete such additional preliminary work as it may prescribe before he or she is accepted as a candidate for the Graduate Diploma.

2.4 Status, exemption and credit transfer

2.4.1 A candidate who has passed courses in other educational institutions and who has not presented these courses towards an award may, on written application to the School, be granted such exemption from the requirements of these Program Rules as the School shall determine. Status may be granted for a maximum of 8 units under 4.2 below.

2.4.2 No candidate will be permitted to count for the Graduate Diploma in Advanced Economics any course that in the opinion of the School contains substantially the same material as any other course which he or she has presented already for another qualification, other than for the Graduate Certificates in Economics or the Graduate Diploma in Applied Economics or the Graduate Diploma in International Economics and then only upon its surrender.

2.5 Articulation with other awards

2.5.1 A candidate holding a Graduate Certificate in Economics or International Economics or Graduate Diploma in Applied or International Economics may count courses passed in these programs toward the Graduate Diploma upon surrender of the other award.

2.5.2 Candidates intending to continue on to a Master's degree are advised strongly to consult the course requirements for such programs to ensure they complete the compulsory courses satisfactorily.

2.5.3 Candidates currently enrolled in the Graduate Diploma in Economics will proceed under the regulations and schedules in force at the date of enrolment.

3 Assessment and examinations

3.1 There shall be four classifications of pass in the final assessment of any course for the Graduate Diploma as follows: Pass with High Distinction, Pass with Distinction, Pass with Credit, Pass.

3.2 A candidate for the Graduate Diploma in Advanced Economics shall regularly attend lectures and tutorials, do written work as may be prescribed, and pass examinations in accordance with the provisions of these Academic Program Rules.

3.3 (a) A candidate shall not be eligible to attend for examination unless the prescribed work has been completed to the satisfaction of the teaching staff concerned. A candidate who is not eligible to present for examination or final assessment shall be deemed to have failed the examination/final assessment.

(b) A candidate who fails a course and wishes to repeat the course shall attend again lectures and satisfactorily do such written and practical work as the lecturer concerned may prescribe.

(c) A candidate who has twice failed the examination in any course or division of a course may not enrol for that course again except by special permission to be obtained in writing from the School and then only under such conditions as may be prescribed.

4 Qualification requirements

4.1 Academic program

To qualify for the Graduate Diploma in Advanced Economics the candidate shall complete satisfactorily six semester courses (24 units) which shall comprise lectures and tutorials in the following.

4.1.1 (a) the following two compulsory core courses (8 units):

ECON 7025 Microeconomics A (H)	4
ECON 7059 Macroeconomics A (H)	4

(b) one of the following quantitative courses (four units):

ECON 7010 Econometrics (H)	4
ECON 7038 Econometrics IIIA	4
ECON 7082 Applied Econometrics IIIA	4

(c) at least two courses, not previously or otherwise completed, chosen from the list (a minimum of 8 units) including the presentation of a research essay in at least one of the courses:

ECON 7009 Mathematical Economics (H)	4
ECON 7010 Econometrics (H)	4
ECON 7015 Industrial Organisation (H)	4
ECON 7024 Special Topics (H)	4
ECON 7034 Monetary Economics (H)	4
ECON 7043 Environmental Economics (H)	4
ECON 7053 Long Run Growth (H)	4
ECON 7055 International Trade (H)	4
ECON 7056 International Finance (H)	4
ECON 7065 Public Economics (H)	4
ECON 7077 Economic Development (H)	4
ECON 7104 Labour Economics (H)	4

(d) one other course not previously or otherwise completed, from those listed above in 4.2 or from the following (4 units):

ECON 7003 Special Topics in Financial Economics IIIA	4
ECON 7005 Resource & Environment Economics IIIA	4
ECON 7007 International Finance IIIA	4
ECON 7038 Econometrics IIIA	4
ECON 7066 Economics of Finance IIIA	4
ECON 7069 International Trade IIIA	4
ECON 7082 Applied Econometrics IIIA	4
ECON 7089 Development Economics IIIA	4
ECON 7095 Economic Theory IIIA	4
ECON 7099 International Economic History IIIA	4
ECON 7105 Labour Economics IIIA	4
ECON 7113 Money, Banking and Financial Markets IIIA	4
ECON 7116 Public Finance IIIA	4

Note: check with the School of Economics for course availability each year

4.2 The number of courses to be offered in any semester will be dependent upon the availability of staff and student demand.

4.3 In special circumstances, candidates may be given permission to substitute another course for courses specified in 4.1 above.

4.4 No candidate will be permitted to count towards an award any course, together with any other course, which, in the opinion of the Faculty concerned, contains a substantial amount of the same material; and no course or portion of a course may be counted twice towards an award.

4.5 Graduation

Subject to Chapter 89 of the Statutes, candidates who have satisfied the requirements for any award of the University shall be admitted to that award at a graduation ceremony for the purpose.

5 Special circumstances

When in the opinion of the relevant Faculty special circumstances exist, the Council, on the recommendation of the Faculty in each case, may vary any of the provisions of the Academic Program Rules for any particular award.

Graduate Diploma in Applied Economics

Academic Program Rules

1 Duration of program

To qualify for the Graduate Diploma a candidate shall complete satisfactorily a program of full-time study extending over at least two semesters or of part-time study extending over at least four semesters.

2 Admission

2.1 An applicant for admission to the program for the Graduate Diploma shall have qualified for a degree of the University or a degree of another institution accepted by the School for the purpose as equivalent to a degree of this University and have obtained the approval of the School of Economics. The degree need not contain a major in Economics.

2.2 Subject to the approval of the Council the School may, in special cases and subject to such conditions (if any) as it may see fit to impose in each case, accept as a candidate for the Graduate Diploma a person who does not hold a degree of a tertiary institution but has given evidence satisfactory to the School of fitness to undertake work for the Graduate Diploma. Normally that would involve completing satisfactorily the requirements for the Graduate Certificate in Economics.

2.3 A knowledge of SACE Stage 2 Mathematics 1 or equivalent is assumed.

2.4 Status, exemption and credit transfer

2.4.1 A candidate who has passed courses in other educational institutions and who has not presented these courses towards an award may, on written application to the Dean, be granted such exemption from the requirements of these regulations as the School shall determine. Status may be granted for a maximum of 6 units under 4.2 of the Academic Program Rules.

2.4.2 No candidate will be permitted to count for the Graduate Diploma in Applied Economics any course that in the opinion of the School contains substantially the same material as any other course which he or she has presented already for another qualification, other than for the Graduate Certificate in Economics or International Economics and then only upon its surrender.

2.5 Articulation with other awards

2.5.1 A candidate holding a Graduate Certificate in Economics or International Economics may count courses passed in the Graduate Certificate toward the Graduate Diploma upon surrender of the Graduate Certificate.

2.5.2 Candidates intending to continue on to a Master's degree are advised strongly to consult the course requirements for such programs to ensure they complete the compulsory courses satisfactorily.

2.5.3 Candidates currently enrolled in the Graduate Diploma in Economics will proceed under the regulations and schedules in force at the date of enrolment.

3 Assessment and examinations

3.1 There shall be four classifications of pass in the final assessment of any course for the Graduate Diploma as follows: Pass with High Distinction, Pass with Distinction, Pass with Credit, Pass.

3.2 A candidate for the Graduate Diploma in Applied Economics shall attend regularly lectures and tutorials, do written work as may be prescribed, and pass examinations in accordance with the provisions of these Academic Program Rules.

3.3 (a) A candidate shall not be eligible to attend for examination unless the prescribed work has been completed to the satisfaction of the teaching staff concerned. A candidate who is not eligible to present for examination or final assessment shall be deemed to have failed the examination/final assessment.

(b) A candidate who fails a course and wishes to repeat the course shall again attend lectures and satisfactorily do such written and practical work as the lecturer concerned may prescribe.

(c) A candidate who has failed twice the examination in any course or division of a course may not enrol for that course again except by special permission to be obtained in writing from the School and then only under such conditions as may be prescribed.

4 Qualification requirements

4.1 Academic program

To qualify for the Graduate Diploma in Applied Economics the candidate shall complete satisfactorily eight semester courses (a minimum of 24 units) which shall comprise lectures and tutorials in the following.

4.1.1 (a) the following two compulsory core courses (6 units):

ECON 7011 Consumers, Firms & Markets IID	3
ECON 7071 Macroeconomic Theory & Policy IID	3

(b) one of the following quantitative courses (3 units):

ECON 7001 Applied Econometrics IIID*	3
ECON 7022 Econometrics IIID*	3
ECON 7051 Economic and Financial Data Analysis IID*	3
ECON 7074 Business Data Analysis ID	3
ECON 7075 Mathematical Economics IID*	3

(c) at least five courses not previously or otherwise completed (15 units) chosen from the following list, of which at least three courses (9 units) must be IIID courses:

ECON 7001 Applied Econometrics IIID*	3
ECON 7016 Resource & Environmental Economics IIID	3
ECON 7017 Special Topics IIID	3
ECON 7022 Econometrics IIID*	3
ECON 7032 Public Finance IIID	3
ECON 7036 International Trade and Investment Policy IID	3
ECON 7037 Special Topics in Financial Economics IIID	3
ECON 7044 International Finance IIID	3
ECON 7047 Employment Relations IID	3
ECON 7050 International Economic History IIID	3
ECON 7058 Development Economics IIID	3
ECON 7070 Labour Economics IIID	3
ECON 7072 International Trade IIID	3
ECON 7075 Mathematical Economics IID*	3
ECON 7096 Economic Theory IIID#	3
ECON 7114 Money, Banking and Financial Markets IIID	3

* these courses are available for students with some mathematical and statistical background.

\# highly recommended

Note: students are recommended to check with the School of Economics for course availability each year.

(d) A candidate may substitute one or more 4 unit course drawn from 6.2.4 of the Academic Program Rules of the Master of Applied Economics as a 3 unit course towards the Diploma.

4.2 The number of courses to be offered in any semester will be dependent upon staff availability and student demand.

4.3 In special circumstances, candidates may be given permission to substitute another course for courses specified in 4.1 above.

4.4 No candidate will be permitted to count towards an award any course, together with any other course, which, in the opinion of the Faculty concerned, contains a substantial amount of the same material; and no course or portion of a course may be counted twice towards an award.

4.5 Graduation

Subject to Chapter 89 of the Statutes, candidates who have satisfied the requirements for any award of the University shall be admitted to that award at a graduation ceremony for the purpose.

5 Special circumstances

When in the opinion of the relevant Faculty special circumstances exist, the Council, on the recommendation of the Faculty in each case, may vary any of the provisions of the Academic Program Rules for any particular award.

Graduate Diploma in International Economics

Academic Program Rules

1 Duration of Program

To qualify for the Graduate Diploma a candidate shall complete satisfactorily a program of full-time study extending over at least two semesters or of part-time study extending over at least four semesters.

2 Admission

2.1 An applicant for admission to the program for the Graduate Diploma shall have qualified for a degree of the University or a degree of another institution accepted by the School for the purpose as equivalent to a degree of this University. The degree need not contain a major in Economics.

2.2 The School may, in special cases and subject to such conditions (if any) as it may see fit to impose in each case, accept as a candidate for the Graduate Diploma a person who does not hold a degree of a tertiary institution but has given evidence satisfactory to the School of fitness to undertake work for the Graduate Diploma. Normally that would involve completing satisfactorily the requirements for the Graduate Certificate in Economics or Graduate Certificate in International Economics.

2.3 A knowledge of SACE Stage 2 Mathematics I or its equivalent is assumed.

2.4 Status, exemption and credit transfer

2.4.1 A candidate who has passed courses in other educational institutions and who has not presented these courses towards an award may, on written application to the Dean, be granted such exemption from the requirements of these regulations as the School shall determine. Status may be granted for a maximum of 6 units under 4.2 of the Academic Program Rules.

2.4.2 No candidate will be permitted to count for the Graduate Diploma in International Economics any course that in the opinion of the School contains substantially the same material as any other course which he or she has presented already for another qualification, other than for the Graduate Certificate in International Economics and then only upon its surrender.

2.5 Articulation with other awards

2.5.1 A candidate holding a Graduate Certificate in Economics or International Economics may count courses passed in the Graduate Certificate toward the Graduate Diploma upon surrender of the Graduate Certificate.

2.5.2 Candidates intending to continue on to a Master's degree are advised strongly to consult the course requirements for such programs to ensure they complete the compulsory courses satisfactorily.

2.5.3 Candidates currently enrolled in the Graduate Diploma in Economics will proceed under the regulations and schedules in force at the date of enrolment.

3 Assessment and examinations

3.1 There shall be four classifications of pass in the final assessment of any course for the Graduate Diploma as follows: Pass with High Distinction, Pass with Distinction, Pass with Credit, Pass.

3.2 A candidate for the Graduate Diploma in International Economics shall attend regularly lectures and tutorials, do written work as may be prescribed, and pass examinations in accordance with the provisions of these Program Rules of the Diploma.

3.3 (a) A candidate shall not be eligible to attend for examination unless the prescribed work has been completed to the satisfaction of the teaching staff concerned. A candidate who is not eligible to present for examination or final assessment shall be deemed to have failed the examination/final assessment.

(b) A candidate who fails a course and wishes to repeat the course shall again attend lectures and tutorials and satisfactorily do such written and practical work as the lecturer concerned may prescribe.

(c) A candidate who has failed twice the examination in any course or division of a course may not enrol for that course again except by special permission to be obtained in writing from the School and then only under such conditions as may be prescribed.

4 Qualification requirements

4.1 Academic program

To qualify for the Graduate Diploma in International Economics the candidate shall complete satisfactorily eight semester courses (a minimum of 24 units) which shall comprise the following.

4.1.1 (a) at least two of the following International Economics courses or their equivalents (6 units):

ECON 7036 International Trade and Investment Policy IID	3
ECON 7044 International Finance IIID	3
ECON 7072 International Trade IIID	3

(b) ECON 7011 Consumers, Firms & Markets IID (or equiv.) 3

(c) at least one of the following quantitative courses or their equivalents (3 units):

ECON 7001 Applied Econometrics IIID*	3
ECON 7022 Econometrics IIID*	3
ECON 7051 Economic and Financial Data Analysis IID*	3

(d) at least four of the following courses not previously or otherwise completed (a minimum of 12 units):

ECON 7001 Applied Econometrics IIID*	3
ECON 7016 Resource & Environmental Economics IIID	3
ECON 7017 Special Topics IIID	3
ECON 7022 Econometrics IIID*	3
ECON 7032 Public Finance IIID	3
ECON 7036 International Trade and Investment Policy IID	3
ECON 7044 International Finance IIID	3
ECON 7050 International Economic History III D	3
ECON 7058 Development Economics IIID	3
ECON 7071 Macroeconomics IID	3
ECON 7072 International Trade IIID	3
ECON 7096 Economic Theory IIID#	3
ECON 7114 Money, Banking and Financial Markets IIID	3

* these courses are available for students with some mathematical and statistical background

\# highly recommended

Note: students are strongly recommended to check with the School of Economics for course availability each year.

(e) A candidate may substitute one or more 4 unit courses drawn from 6.2.4 of the Academic Program Rules of the Master of Applied Economics as a 3 unit course in the Diploma.

4.2 The number of courses to be offered in any semester will be dependent upon staff availability and student demand.

4.3 In special circumstances, candidates may be given permission to substitute another course for courses specified in 4.1 above.

4.4 No candidate will be permitted to count towards an award any course, together with any other course, which, in the opinion of the Faculty concerned, contains a substantial amount of the same material; and no course or portion of a course may be counted twice towards an award.

4.5 Graduation

Subject to Chapter 89 of the Statutes, candidates who have satisfied the requirements for any award of the University shall be admitted to that award at a graduation ceremony for the purpose.

5 Special circumstances

When in the opinion of the relevant Faculty special circumstances exist, the Council, on the recommendation of the Faculty in each case, may vary any of the provisions of the Academic Program Rules for any particular award.

Master of Applied Economics

Academic Program Rules

1 General

1.1 Each candidate will be required to undertake during university vacations such studies as may be prescribed.

1.2 A candidate for the degree of Doctor of Philosophy whose work is considered by the School to be not of sufficient merit may be awarded the degree of Master of Applied Economics.

2 Duration of program

2.1 (a) Except by special permission of the School, the work of the degree for a full-time candidate shall be completed in not less than two semesters and not more than six semesters from the date of candidature accepted by the School.

(b) Except by special permission of the School, the work of the degree for a part-time candidate shall be completed in not less than four semesters and not more than twelve semesters from the date of candidature accepted by the School.

3 Admission

3.1 The School may accept as a candidate for the degree any graduate who:

(a) has qualified for the degree Bachelor of Economics of the University of Adelaide at an average equivalent to a credit or better *or*

(b) has qualified for a degree of another university at an average equivalent to a credit or better, which degree the School regards as being equivalent to the degree Bachelor of Economics of the University of Adelaide *or*

(c) has qualified for a joint degree in Economics of the University of Adelaide or its equivalent from another university, supplemented by the satisfactory completion of bridging coursework as the School may deem necessary (courses to be specified by the Dean of School or nominee) *or*

(d) has qualified for a degree of the University of Adelaide or a degree of another institution accepted by the School for the purpose as equivalent to a degree of this University at an average equivalent to a credit or better and has obtained the approval of the School. The degree need not contain a major in Economics but must be supplemented by the satisfactory completion of bridging coursework as the School may deem necessary (courses to be specified by the Dean of School or nominee) *or*

(e) has qualified for either of the Graduate Diplomas in Applied or International Economics from the University of Adelaide or their equivalent from another university.

3.2 The School may, in special cases and subject to such conditions (if any) as it may see fit to impose in each case, accept as a candidate for the degree a person who, irrespective of whether or not the candidate is a university graduate, has given evidence satisfactory to the School of fitness to undertake work for the degree.

3.3 Status, exemption and credit transfer

A candidate who has completed a Bachelor's degree which includes a major in economics, or the Graduate Certificate in Economics or International Economics, or the Graduate Diploma in Applied Economics or International Economics, may be granted status in up to 12 units, as part of the qualification requirements as specified in 6.1.3, towards the degree. Results obtained in these courses must be of a standard deemed acceptable by the Dean of the School for the purposes of granting status.

4 Enrolment

A candidate's program of study must be approved by the Dean of the School (or nominee) at enrolment each year.

5 Assessment and examinations

5.1 Students undertaking the dissertation option as specified in 6.1.6 shall lodge with the School three copies of the dissertation or project prepared in accordance with the directions given to candidates by the School.

5.2 Results of those who pass in any of the courses shall be published within the following classifications:
High Distinction, Distinction, Credit, Pass.

5.3 To satisfy the coursework component of the degree, a candidate must pass each of the prescribed courses and obtain an average equivalent to a credit or better.

5.4 A candidate who has not completed satisfactorily such written and practical work as may be required shall not be permitted to present for examination or final assessment in any course.

5.5 Review of academic progress

A candidate's progress shall be reviewed by the School at the end of each year. If in the opinion of the School, a candidate is not making satisfactory progress the School may, with the consent of the Council, withdraw its approval of the candidature and the candidate shall cease to be enrolled for the degree.

6 Qualification requirements

6.1 Academic Program

To qualify for the degree of Master of Applied Economics, the candidate shall complete satisfactorily a program of study which shall consist of courses as follows, with a combined total of not less than 36 units:

6.1.1 ECON 7096 Economic Theory IIID 3

6.1.2 one of the following quantitative courses:

ECON 7001 Applied Econometrics IIID 3

ECON 7022 Econometrics IIID 3

6.1.3 two elective courses not previously or otherwise completed (6 units) to be chosen from the following list:

ECON 7001 Applied Econometrics IIID 3

ECON 7016 Resource & Environmental Economics IIID 3

ECON 7017 Special Topics IIID 3

ECON 7022 Econometrics IIID 3

ECON 7032 Public Finance IIID 3

ECON 7037 Special Topics in Financial Economics IIID 3

ECON 7044 International Finance IIID 3

ECON 7050 International Economic History IIID 3

ECON 7058 Development Economics IIID 3

ECON 7070 Labour Economics IIID 3

ECON 7072 International Trade IIID 3

ECON 7114 Money, Banking and Financial Markets III D 3

ECON 7125 Applied Microeconomics IIID 3

Note: Level IIID courses involve work and assessment in addition to that which is required in Level III courses.

6.1.4 two elective courses not previously or otherwise completed (8 units) to be chosen from the following list.

ECON 7009 Mathematical Economics (H) 4

ECON 7010 Econometrics A (H) 4

ECON 7015 Industrial Organisation (H) 4

ECON 7024 Special Topics (H) 4

ECON 7025 Microeconomics A (H) 4

ECON 7043 Environmental Economics (H) 4

ECON 7053 Long Run Growth (H) 4

ECON 7055 International Trade (H) 4

ECON 7056 International Finance (H) 4

ECON 7059 Macroeconomics A (H) 4

ECON 7077 Economic Development (H) 4

ECON 7093 Econometrics B (H) 4

ECON 7094A/B Econometrics C (H) 4

ECON 7104 Labour Economics (H) 4

6.1.5 ECON 7141 Challenges Facing Economic Policy Makers 4

Note: The precise number of courses to be offered in any one year will be depend upon staff availability and student demand, and subject to such quotas as may need to be imposed.

6.1.6 *either*

Any combination of additional courses from 6.1.3 to the value of at least 12 units

or

ECON 7084 Master of Applied Economics Dissertation 12

ECON 7129A/B Master of Applied Economics Dissertation (Part-time) 12

6.2 In special circumstances, candidates may be given permission to substitute another course for courses listed in 6.1.1, 6.1.2, 6.1.3 and 6.1.4 above.

6.3 No candidate will be permitted to count towards an award any course, together with any other course, which, in the opinion of the Faculty concerned, contains a substantial amount of the same material; and no course or portion of a course may be counted twice towards an award.

6.4 Graduation

Subject to Chapter 89 of the Statutes, candidates who have satisfied the requirements for any award of the University shall be admitted to that award at a graduation ceremony for the purpose.

7 Special circumstances

When in the opinion of the relevant Faculty special circumstances exist, the Council, on the recommendation of the Faculty in each case, may vary any of the provisions of the Academic Program Rules for any particular award.

Master of Applied Economics (International)

Academic Program Rules

1 General

1.1 Each candidate will be required to undertake during university vacations such studies as may be prescribed.

1.2 A candidate for the degree of Doctor of Philosophy whose work is considered by the School to be not of sufficient merit may be awarded the degree of Master of Applied Economics (International).

2 Duration of program

2.1 (a) Except by special permission of the School, the work of the degree for a full-time candidate shall be completed in not less than two semesters and not more than six semesters from the date of candidature accepted by the School.

(b) Except by special permission of the School, the work of the degree for a part-time candidate shall be completed in not less than four semesters and not more than twelve semesters from the date of candidature accepted by the School.

3 Admission

3.1 The School may accept as a candidate for the degree any graduate who:

(a) has qualified for the degree Bachelor of Economics of the University of Adelaide at an average equivalent to a credit or better *or*

(b) has qualified for a degree of another university at an average equivalent to a credit or better, which degree the School regards as being equivalent to the degree Bachelor of Economics of the University of Adelaide *or*

(c) has qualified for a joint degree in Economics of the University of Adelaide or its equivalent from another university, supplemented by the satisfactory completion of bridging coursework as the School may deem necessary (courses to be specified by the Dean of School or nominee *or*

(d) has qualified for a degree of the University of Adelaide or a degree of another institution accepted by the School for the purpose as equivalent to a degree of this University at an average equivalent to a credit or better and has obtained the approval of the School. The degree need not contain a major in Economics but must be supplemented by the satisfactory completion of bridging coursework as the School may deem necessary (courses to be specified by the Dean of School or nominee) *or*

(e) has qualified for either of the Graduate Diplomas in Applied or International Economics from the University of Adelaide or their equivalent from another university.

3.2 The School may, in special cases and subject to such conditions (if any) as it may see fit to impose in each case, accept as a candidate for the degree a person who, irrespective of whether or not the candidate is a university graduate, has given evidence satisfactory to the School of fitness to undertake work for the degree.

3.3 Status, exemption and credit transfer

A candidate who has completed a Bachelor's degree which includes a major in economics, or the Graduate Certificate in Economics or International Economics, or the Graduate Diploma in Applied Economics or International Economics, may be granted status in up to 12 units, as part of the qualification requirements specified in 6.1.2, towards the degree. Results obtained in these courses must be of a standard deemed acceptable by the Dean of the School for the purposes of granting status.

4 Enrolment

A candidate's program of study must be approved by the Dean (or nominee) at enrolment each year.

5 Assessment and examinations

5.1 Students undertaking the dissertation option as specified in 6.1.5 shall lodge with the School three copies of the thesis or dissertation prepared in accordance with the directions given to candidates by the School.

5.2 Results of those who pass in any of the courses shall be published within the following classifications:
High Distinction, Distinction, Credit, Pass.

5.3 To satisfy the coursework component of the degree, a candidate must pass each of the prescribed courses and obtain an average equivalent to a credit or better.

5.4 A candidate who has not completed satisfactorily such written and practical work as may be required shall not be permitted to present for examination or final assessment in any course.

5.5 Review of academic progress

A candidate's progress shall be reviewed by the School at the end of each year. If in the opinion of the School a candidate is not making satisfactory progress the School may, with the consent of the Council, withdraw its approval of the candidature and the candidate shall cease to be enrolled for the degree.

6 Qualification requirements

6.1 Academic Program

To qualify for the degree of Master of Applied Economics (International), the candidate shall complete satisfactorily a program of study which shall consist of courses as follows, with a combined total of not less than 36 units:

6.1.1 ECON 7072 International Trade IIID 3

and

ECON 7055 International Trade (H) 4

6.1.2 three elective course not previously or otherwise completed (9 units) to be chosen from the following list

ECON 7001 Applied Econometrics IIID# 3
ECON 7016 Resource & Environmental Economics IIID 3
ECON 7017 Special Topics IIID 3
ECON 7022 Econometrics IIID# 3
ECON 7032 Public Finance IIID 3
ECON 7037 Special Topics in Financial Economics IIID 3
ECON 7044 International Finance IIID 3
ECON 7050 International Economic History IIID 3
ECON 7058 Development Economics IIID 3
ECON 7070 Labour Economics IIID 3
ECON 7072 International Trade IIID 3
ECON 7096 Economic Theory IIID# 3
ECON 7114 Money, Banking & Financial Markets IIID 3
ECON 7125 Applied Microeconomics IIID 3

Note: Level IIID courses involve work and assessment in addition to that which is required in Level III courses

6.1.3 one elective course not previously or otherwise completed (4 units) to be chosen from the following list

ECON 7009 Mathematical Economics (H) 4
ECON 7010 Econometrics A (H) 4
ECON 7015 Industrial Organisation (H) 4
ECON 7024 Special Topics (H) 4
ECON 7025 Microeconomics A (H) 4
ECON 7043 Environmental Economics (H) 4
ECON 7053 Long Run Growth (H) 4
ECON 7056 International Finance (H) 4
ECON 7059 Macroeconomics A (H) 4
ECON 7077 Economic Development (H) 4
ECON 7093 Econometrics B (H) 4
ECON 7094A/B Econometrics C (H) 4
ECON 7104 Labour Economics (H) 4

6.1.4 ECON 7141 Challenges Facing Economic Policy Makers 4

students are encouraged to take Economic Theory IIID and at least one Econometrics course.

Note: the precise number of courses to be offered in any one year will be depend upon staff availability and student demand, and subject to such quotas as may need to be imposed.

6.1.5 *either*

Any combination of additional courses from 6.1.2 to the value of at least 12 units

or

ECON 7126 Master of Applied Economics (International) Dissertation 12
ECON 7127A/B Master of Applied Economics (International) Dissertation (Part-time) 12

6.2 In special circumstances, candidates may be given permission to substitute another course for courses listed in 6.1.1, 6.1.2 and 6.1.3 above.

6.3 No candidate will be permitted to count towards an award any course, together with any other course, which, in the opinion of the Faculty concerned, contains a substantial amount of the same material; and no course or portion of a course may be counted twice towards an award.

6.4 Graduation

Subject to Chapter 89 of the Statutes, candidates who have satisfied the requirements for any award of the University shall be admitted to that award at a graduation ceremony for the purpose.

7 Special circumstances

When in the opinion of the relevant Faculty special circumstances exist, the Council, on the recommendation of the Faculty in each case, may vary any of the provisions of the Academic Program Rules for any particular award.

Master of Economics

Academic Program Rules

1 General

1.1 This document must be read in conjunction with:

(a) the General Academic Program Rules for Master by Research Programs (see under Adelaide Graduate Centre, p.8) *and*

(b) the Code of Practice for Maintaining and Monitoring Academic Quality and Standards in Higher Degrees by Research, published by the Adelaide Graduate Centre.

These documents explain procedures to be followed and contain guidelines on supervision and research for the degree of Doctor of Philosophy and the various Masters Degrees by Research, offered by the University.

All students must comply with both the General Academic Rules and the rules following below, and procedures outlined in the Code of Practice.

In addition to the General Academic Program Rules for Masters by Research degrees, in this publication, the following discipline specific rules apply.

2 Enrolment

2.1 Continuation of enrolment after the first twelve months of the degree will depend on overall academic progress including the satisfactory completion of the Core Component of the Structured Program within twelve months (or part time equivalent*) from the commencement of candidature."

* this rule supersedes general academic program rule 6.2

2.2 The Core Component of the Structured Program shall include the formulation of a research proposal and usually, its presentation at a seminar, together with any other elements as determined by the Faculty. For the Master of Economics degree this would normally include at least the following: ECON 7086 Advanced Macroeconomics and ECON 7087 Advanced Microeconomics.

Master of Economics (Coursework)

Academic Program Rules

1 General

Each candidate will be required to undertake, during university vacations, such studies as may be prescribed.

2 Duration of program

2.1 (a) Except by special permission of the School, the work of the degree for a full-time candidate shall be completed in not less than one year and not more than two years from the date of candidature accepted by the School.

(b) Except by special permission of the School, the work of the degree for a part-time candidate shall be completed in not less than two years and not more than six years from the date of candidature accepted by the School.

3 Admission

3.1 The School may accept as a candidate for the degree any graduate who:

(a) has qualified for the degree Bachelor of Economics with First or Second-Class Honours of the University of Adelaide *or*

(b) has qualified for an Honours degree of another university, which degree the School regards as being equivalent to a First or Second-Class Honours degree in Economics of the University of Adelaide *or*

(c) has qualified for the Graduate Diploma in Advanced Economics of the University of Adelaide *or*

(d) has shown satisfactory progress in the Master of Applied Economics or Master of Applied Economics (International) of the University of Adelaide, or its equivalent from another University, at a standard deemed by the School to be sufficient for admission to the program for the degree of Master of Economics.

3.2 The School may, in special cases and subject to such conditions (if any) as it may see fit to impose in each case, accept as a candidate for the degree a person who, irrespective of whether or not the candidate is a university graduate, has given evidence satisfactory to the School of fitness to undertake work for the degree.

4 Enrolment

A candidate's program of study must be approved by the School (or nominee) at enrolment each year.

5 Assessment and examinations

5.1 On completion of the work, the candidate shall lodge with the School three copies of the dissertation or project prepared in accordance with the directions given to candidates by the School.

5.2 Results of those who pass in any of the courses shall be published within the following classifications: High Distinction, Distinction, Credit, Pass.

5.3 To satisfy the coursework component of the degree, a candidate must pass each of the prescribed courses and obtain an average equivalent to a credit or better.

5.4 Review of academic progress

A candidate's progress shall be reviewed by the School at the end of each examination period and academic year. If in the opinion of the School of Economics a candidate is not making satisfactory progress the School may, with the consent of the Council, withdraw its approval of the candidature and the candidate shall cease to be enrolled for the degree.

6 Qualification requirements

6.1 Academic program

To qualify for the degree of Master of Economics (Coursework), the candidate shall complete satisfactorily a program of study which shall comprise 24 units as follows.

6.1.1	ECON 7086 Advanced Macroeconomics	3
	ECON 7087 Advanced Microeconomics	3
6.1.2	one of the following quantitative courses:	
	ECON 7001 Applied Econometrics IIID #	3
	ECON 7022 Econometrics IIID #	3
	ECON 7090 Econometrics A	3
	ECON 7091 Econometrics B	3
	ECON 7092A/B Econometrics C	3

6.1.3 up to four other courses not previously or otherwise completed:

ECON 7001 Applied Econometrics IIID #	3
ECON 7022 Econometrics IIID #	3
ECON 7067 Economic Development	3
ECON 7090 Econometrics A	3
ECON 7091 Econometrics B	3
ECON 7092A/B Econometrics C	3
ECON 7097 Environmental Economics IV	3
ECON 7098 Industrial Organisation	3
ECON 7100 International Finance IV	3
ECON 7102 International Trade	3
ECON 7103 Labour Economics	3
ECON 7106 Long Run Growth	3
ECON 7110 Mathematical Economics	3
ECON 7112 Monetary Economics	3
ECON 7115 Public Economics	3
ECON 7117 Reading Topics A*	3
ECON 7118 Reading Topics B*	3
ECON 7119 Reading Topics C*	3
ECON 7120 Reading Topics D*	3
ECON 7121 Reading Topics E*	3
ECON 7122 Reading Topics F*	3
ECON 7123 Special Topics in Economics	3

See 6.2 below.

* completion of at least one reading topic is highly recommended. Contact the School of Economics to obtain details of the reading topics available each year.

Note: the precise number of courses to be offered in any one year will depend upon staff availability and student demand.

6.1.4 Supervised Research Project

ECON 7108 Master of Economics Research Project B	6
or	
ECON 7134A/B Master of Economics Research Project B (Part-time)	6
or	
ECON 7109 Master of Economics Research Project C	3
or	
ECON 7135A/B Master of Economics Research Project C (Part-time)	3

6.2 Students may count only one of ECON 7001 Applied Econometrics IIID or ECON 7022 Econometrics IIID towards the Masters.

6.3 No candidate will be permitted to count towards an award any course, together with any other course, which, in the opinion of the Faculty concerned, contains a substantial amount of the same material; and no course or portion of a course may be counted twice towards an award.

6.4 Where a candidate has completed coursework which has not been presented for another qualification and which is deemed by the School of Economics to be equivalent to the courses listed under 6.1, status may be granted up to a maximum of four such courses.

6.5 In special circumstances, candidates may be given permission to substitute another course for courses listed in 6.1 above.

6.5.1 Students enrolled in previous years should consult the Postgraduate Adviser for advice on qualification requirements.

6.6 Graduation

Subject to Chapter 89 of the Statutes, candidates who have satisfied the requirements for any award of the University shall be admitted to that award at a graduation ceremony for the purpose.

7 Special circumstances

When in the opinion of the relevant Faculty special circumstances exist, the Council, on the recommendation of the Faculty in each case, may vary any of the provisions of the Academic Program Rules for any particular award.

School of Education

www.adelaide.edu.au/professions/education/

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Notes on Delegated Authority

1 Council has delegated the power to approve minor changes to the Academic Program Rules to the Executive Deans of Faculties.

2 Council has delegated the power to specify syllabuses to the Head of each department or centre concerned, such syllabuses to be subject to approval by the Faculty or by the Executive Dean on behalf of the Faculty.y.

Graduate Diploma in Education

Completion of this program satisfies the requirements for registration with the Teacher Registration Board of South Australia.

Academic Program Rules

1 Duration of program

To qualify for the Graduate Diploma a student shall satisfactorily complete a program of one year of full-time study or up to six years of part-time study.

2 Admission

2.1 An applicant for admission to the program of study for the Graduate Diploma in Education shall have qualified for a degree of the University or for a degree of another institution accepted for the purpose by the University.

2.2 Status, exemption and credit transfer

2.2.1 No student may be granted more than twelve units of status toward the Graduate Diploma for other studies undertaken in the University or other institutions.

2.2.2 A candidate who has had practical teaching experience may, after enrolment, apply in writing to the Graduate School of Education for status in teaching practice.

2.3 Articulation with other awards

2.3.1 Students who have been admitted to the award of Graduate Certificate in Educational Studies who subsequently successfully complete the requirements of the Graduate Diploma in Education must surrender their first award before being admitted to the Graduate Diploma in Education.

2.3.2 Notwithstanding the above Rules a candidate who has been enrolled for the degree of Graduate Diploma in Education and who has completed the work prescribed herein for the Graduate Certificate in Educational Studies and who has not been awarded the Graduate Diploma shall, on written application to the Faculty, be awarded the Graduate Certificate.

3 Assessment and examinations

3.1 There shall be one of two systems of classification of pass in individual courses for the Graduate Diploma: either Non-Graded Pass, or Pass with High Distinction, Pass with Distinction, Pass with Credit, and Pass.

3.2 Review of academic progress

3.2.1 A student who fails a course and desires to take the course again shall again attend lectures and satisfactorily do such written and practical work as the teaching staff concerned may prescribe.

3.2.2 A student who has twice failed a course may not enrol for that course again except by special permission to be obtained in writing from the Faculty and then only under such conditions as may be prescribed.

3.2.3 For the purposes of this clause a student who is refused permission to sit for an examination, or who does not, without a reason accepted by the Head of the School of Education as adequate, attend all or part of a final examination (or supplementary examination if granted) after having enrolled for at least two thirds of the normal period during which the course is taught, shall be deemed to have failed the examination.

4 Qualification requirements

4.1 Academic program

Students must successfully complete courses to the value of 24 units comprising 6 units of Teaching Practice courses, 6 units of Curriculum and Methodology courses and 12 units of Education Studies courses.

4.1.1 Teaching Practice

Teaching Practice courses to the value of 6 units

EDUC 4050 Teaching Practice Part I	3
EDUC 4051 Teaching Practice Part II	3

4.1.2 Curriculum and Methodology

Courses to a value of six units taken from:

Humanities

EDUC 4014A/B Geography Curriculum and Methodology	2
EDUC 4016A/B History Curriculum & Methodology	2
EDUC 4026A/B Legal Studies Curriculum & Methodology	2
EDUC 4034A/B Studies of Society and Environment	2

Business

EDUC 4001A/B Accounting Curriculum & Methodology	2
EDUC 4004A/B Business Studies Curriculum and Methodology	2
EDUC 4009A/B Economics Curriculum & Methodology	2

English

EDUC 4013A/B General English Curriculum and Methodology	2
EDUC 4032A/B Senior English Curriculum and Methodology	2

Music

EDUC 4007A/B Classroom Music Curriculum and Methodology	3
EDUC 4019A/B Instrumental Music Curriculum and Methodology	3

Languages other than English

EDUC 4006A/B Chinese Curriculum & Methodology	1
EDUC 4010A/B English as a Second Language	1
EDUC 4012A/B French Curriculum & Methodology	1
EDUC 4015A/B German Curriculum & Methodology	1
EDUC 4017A/B Indonesian Curriculum & Methodology	1
EDUC 4021A/B Italian Curriculum and Methodology	1
EDUC 4022A/B Japanese Curriculum & Methodology	1
EDUC 4025A/B Language Methodology	3
EDUC 4027A/B Modern Language Curriculum and Methodology	2
EDUC 4036A/B Spanish Curriculum & Methodology	1
EDUC 4038A/B Other Languages Curriculum and Methodology	1
Educ 4043A/B Vietnamese Curriculum and Methodology	1

Mathematics

EDUC 4018A/B Information Technology Curriculum and Methodology	2
EDUC 4023A/B Junior Mathematics Curriculum and Methodology	2
EDUC 4033A/B Senior Mathematics Curriculum and Methodology	2

Science

EDUC 4003A/B Biology Curriculum & Methodology	2
EDUC 4005A/B Chemistry Curriculum & Methodology	2
EDUC 4024A/B Junior Science Curriculum and Methodology	2
EDUC 4028A/B Physics Curriculum & Methodology	2

General

EDUC 4002A/B Adult Learner Curriculum & Methodology	2
EDUC 4011A/B Extended Specialist Curriculum	2
EDUC 4037A/B Specialist Curriculum	1

4.1.3 Education Studies

Education Studies courses to a total value of 12 units as follows

EDUC 4008A/B Curriculum in its Context	2
EDUC 4031A/B Professional Studies	2
EDUC 4035A/B Social and Cultural Context of Learning	3
EDUC 4039A/B Student-Teacher Interaction in the Classroom	3
EDUC 4081 Australian Educational Issues	2

4.2 No candidate will be permitted to count towards an award any course, together with any other course, which, in the opinion of the Faculty concerned, contains a substantial amount of the same material; and no course or portion of a course may be counted twice towards an award.

4.3 Graduation

Subject to Chapter 89 of the Statutes, candidates who have satisfied the requirements for any award of the University shall be admitted to that award at a graduation ceremony for the purpose.

5 Special circumstances

When in the opinion of the relevant Faculty special circumstances exist, the Council, on the recommendation of the Faculty in each case, may vary any of the provisions of the Academic Program Rules for any particular award.

Bachelor of Educational Studies

The Bachelor of Educational Studies award represents a professional development program, designed for practising teachers. It offers advanced studies in educational theory and practice, together with further studies intended to enhance and develop the range of areas in which they are qualified to teach.

Academic Program Rules

1 Duration of program

To qualify for the degree, a candidate shall satisfactorily complete a program of study comprising one year of full-time study or not more than four years of part-time study.

2 Admission

2.1 An applicant for admission to the program of study for the degree of Bachelor of Educational Studies shall have qualified for a degree of the University, or for a degree of another institution accepted for the purpose by the University and have qualified for a Graduate Diploma in Education of the University or for an award accepted by the University as equivalent.

2.2 The Faculty may, subject to such conditions as it may see fit to impose in each case, accept as a candidate for the degree a person who does not satisfy the requirements of Rule 2.1 above but who has presented evidence satisfactory to the Faculty of fitness to undertake work for the degree.

2.3 Status, exemption and credit transfer

2.3.1 No candidate shall be granted status for courses with a total value of more than 12 units on account of courses presented for any other award.

2.3.2 No candidate will be permitted to count for the degree any course that, in the opinion of the Faculty, contains substantially the same material as any other course which he or she has already presented for another award.

2.3.3 A candidate who fails a course and desires to repeat that course shall, unless exempted partially therefrom by the Head of School, again complete the required work in the course to the satisfaction of the teaching staff concerned.

2.4 Articulation with other awards

2.4.1 Candidates may be granted credit towards the Bachelor of Educational Studies on account of the Graduate Certificate in Australian Studies (or other appropriate Graduate Certificate) for up to 8 units without surrendering the award, or up to 12 units upon surrender of the award.

2.4.2 A candidate who has met the requirements for the Bachelor of Educational Studies may apply for entry to the Master of Educational Studies, and if successful, receive status of up to 16 units for courses listed in the Academic Program Rules of the Master of Educational Studies. A candidate for Master of Educational Studies who has been granted status toward the degree for courses presented for the Bachelor of Educational Studies to a value of 12 or more units must surrender the Bachelor of Educational Studies before being admitted to the degree.

3 Assessment and examinations

3.1 There shall be four classifications of pass in any course for the degree: Pass with High Distinction, Pass with Distinction, Pass with Credit, and Pass.

3.2 (a) A candidate shall not be eligible to attend for examination unless the prescribed work has been completed to the satisfaction of the teaching staff concerned.

(b) For the purpose of this Rule, a candidate who is refused permission to sit for examination shall be deemed to have failed the examination.

3.3 A candidate who has failed a course twice may not re-enrol in that course except by special permission of the Faculty and then only under such conditions as may be prescribed.

4 Qualification requirements

4.1 Academic program

To qualify for the degree, a candidate shall satisfactorily complete courses to the value of 24 units, as follows:

4.1.1 Educational courses

All candidates shall complete at least 8 units, and up to 16 units, from the following:

EDUC 5001 Adult Psychology and Education	4
EDUC 5007 Education in Multilingual Settings	4
EDUC 5011 Families, Schools and Students' Outcomes	4

EDUC 5012 Gender, Education and Social Change	4
EDUC 5013A/B Honours Mathematics (Education)	8
EDUC 5017 Mathematics Education	4
EDUC 5018 Multicultural Society & Educational Policy	4
EDUC 5021 Religion, Education and Social Change	4
EDUC 5022 Schools as Cultural Systems	4
EDUC 5023 Scientific Revolutions and Education	4
EDUC 5028 Theories of Psychology in Education	4

4.1.2 Elective courses

All candidates shall complete elective courses to the value of at least 8 units, and up to 16 units, selected from the courses listed for undergraduate and graduate degrees of the University which are appropriate to teaching in schools. Advice on appropriate options is available from the Graduate School of Education.

4.2 No candidate will be permitted to count towards an award any course, together with any other course, which, in the opinion of the Faculty concerned, contains a substantial amount of the same material; and no course or portion of a course may be counted twice towards an award.

4.3 Graduation

Subject to Chapter 89 of the Statutes, candidates who have satisfied the requirements for any award of the University shall be admitted to that award at a graduation ceremony for the purpose.

5 Special circumstances

When in the opinion of the relevant Faculty special circumstances exist, the Council, on the recommendation of the Faculty in each case, may vary any of the provisions of the Academic Program Rules for any particular award.

Master of Education

Academic Program Rules

1 General

1.1 This document must be read in conjunction with:

(a) the General Academic Program Rules for Master by Research Programs (see under Adelaide Graduate Centre, p.8) *and*

(b) the Code of Practice for Maintaining and Monitoring Academic Quality and Standards in Higher Degrees by Research, published by the Adelaide Graduate Centre.

These documents explain procedures to be followed and contain guidelines on supervision and research for the degree of Doctor of Philosophy and the various Masters Degrees by Research, offered by the University.

All students must comply with both the General Academic Rules and the rules following below, and procedures outlined in the Code of Practice.

In addition to the General Academic Program Rules for Masters by Research degrees, in this publication, the following discipline specific rules apply.

2 Admission

2.1 Further to Rules 5.1 - 5.4 of the General Academic Program Rules, a candidate for the Master of Education degree would normally be expected to satisfy the following requirements:

(a) have qualified for at least a Class II honours degree of the University or of another University accepted for the purpose by the University, and have qualified for the Graduate Diploma in Education of the University or for a qualification accepted by the University as equivalent *or*

(b) have qualified for the degree of Master of Educational Studies of the University or another acceptable university.

2.2 Status, exemption and credit transfer

With the permission of the Board of Research Education and Development, students may be granted up to a maximum of six units worth of coursework status for other studies undertaken in the University or other institutions

2.3 Articulation with other awards

A student who holds the degree of Master of Educational Studies of the University of Adelaide and is granted 12 units of status shall surrender that degree before being admitted to the degree of Master of Education

3 Enrolment

3.1 In addition to Rule 6.3 of the General Academic Program Rules, the Core Component of the Structured Program for the Master of Education degree would consist of:

(a) at least one research methodology course from those listed in the Master of Educational Studies program;

(b) another appropriate/relevant course from those offered in the Master of Educational Studies program;

(c) the formulation of a research proposal and its presentation to a departmental seminar

Master of Educational Studies

Academic Program Rules

1 Duration of program

To qualify for the degree, a candidate shall satisfactorily complete a program of study comprising two semesters of full-time study or not more than six years of part-time study.

2 Admission

2.1 An applicant for admission to the program of study for the degree of Master of Educational Studies shall:

(a) have qualified for a degree of the University, or for a degree of another institution accepted for the purpose by the University and have qualified for a Graduate Diploma in Education of the University or for an award accepted by the University as equivalent *or*

(b) have qualified for a Bachelor of Education of another institution accepted for the purpose by the University;

2.2 The Faculty may, subject to such conditions as it may see fit to impose in each case, accept as a candidate for the degree a person who does not satisfy the requirements of Rule 2.1 above but who has presented evidence satisfactory to the Faculty of fitness to undertake work for the degree.

2.3 Status, exemption and credit transfer

2.3.1 Except with the special permission of the Faculty, no candidate will be granted status for any of the research methodology courses of the degree.

2.3.2 No candidate shall be granted status for courses with a total value of more than 8 units on account of courses presented for any other award, except the Bachelor of Educational Studies where up to 12 units on account of education courses may be awarded.

2.3.3 No candidate will be permitted to count for the degree any course that, in the opinion of the Faculty, contains substantially the same material as any other course which he or she has already presented for another award.

2.3.4 A candidate who fails a course and desires to repeat that course shall, unless exempted partially therefrom by the Executive Dean of Faculty, again complete the required work in the course to the satisfaction of the teaching staff concerned.

2.4 Articulation with other awards

2.4.1 A candidate who has been admitted to the Bachelor of Educational Studies and who has been granted status toward the degree for courses presented for the Bachelor of Educational Studies to a value of 8 or more units must surrender the Bachelor of Educational Studies before being admitted to the degree.

2.4.2 A candidate for the degree of Master of Educational Studies who does not complete the requirements of the degree may be admitted to the Bachelor of Educational Studies.

3 Assessment and examinations

3.1 There shall be four classifications of pass at the final examination in any course for the Master of Educational Studies: Pass with High Distinction, Pass with Distinction, Pass with Credit, and Pass.

3.2 (a) A candidate shall not be eligible to attend for examination unless the prescribed work has been completed to the satisfaction of the teaching staff concerned.

(b) For the purpose of this Rule, a candidate who is refused permission to sit for examination shall be deemed to have failed the examination.

3.3 A candidate who has failed a course twice may not re-enrol in that course except by special permission of the Faculty and then only under such conditions as may be prescribed.

4 Qualification requirements

4.1 Academic program

To qualify for the degree of Master of Educational Studies, a candidate shall satisfactorily complete courses to the value of 24 units, as follows.

4.1.1 Research Methodology courses

All candidates shall complete one of the following research methodology courses:

EDUC 5019 Qualitative Approaches to Educational Research	4
EDUC 5020 Quantitative Educational Research	4
EDUC 5026 Introduction to Statistics in Educational Research	4

4.1.2 Elective courses

All candidates shall complete elective courses to the value of 12 units selected from the following:

EDUC 5001 Adult Psychology & Education	4
EDUC 5006 Education Directed Study	4
EDUC 5007 Education in Multilingual Settings	4
EDUC 5011 Families, Schools and Students' Outcomes	4
EDUC 5012 Gender, Education and Social Change	4
EDUC 5013A/B Honours Mathematics (Education)	8
EDUC 5017 Mathematics Education	4
EDUC 5018 Multicultural Society & Educational Policy	4
EDUC 5021 Religion, Education and Social Change	4
EDUC 5022 Schools as Cultural Systems	4
EDUC 5023 Scientific Revolutions and Education	4
EDUC 5028 Theories of Psychology in Education	4

and

Approved courses listed for any relevant coursework Masters program. Advice on appropriate options is available from the Graduate School of Education.

Transition Courses

EDUC 5002 Education Directed Study (2 unit)	2
EDUC 5005 Education Directed Study (3 unit)	3
EDUC 5006 Education Directed Study (4 unit)	4

4.1.2.1 Students may take additional research methodology courses in lieu of elective courses.

4.1.3 Research Project

All candidates shall complete the following:

EDUC 5500 Education Minor Project	4

and

one additional elective from 4.1.2 above

or

EDUC 5501 Education Research Project F/T	8

or

EDUC 5502A/B Education Research Project P/T	8

4.2 No candidate will be permitted to count towards an award any course, together with any other course, which, in the opinion of the Faculty concerned, contains a substantial amount of the same material; and no course or portion of a course may be counted twice towards an award.

4.3 Graduation

Subject to Chapter 89 of the Statutes, candidates who have satisfied the requirements for any award of the University shall be admitted to that award at a graduation ceremony for the purpose.

5 Special circumstances

When in the opinion of the relevant Faculty special circumstances exist, the Council, on the recommendation of the Faculty in each case, may vary any of the provisions of the Academic Program Rules for any particular award.

Doctor of Education

Academic Program Rules

1 General

1.1 This document must be read in conjunction with:

(a) the Specific Academic Program Rules for the Ph D (see under Adelaide Graduate Centre, p.3) *and*

(b) the Code of Practice for Maintaining and Monitoring Academic Quality and Standards in Higher Degrees by Research, published by the Adelaide Graduate Centre.

These documents explain procedures to be followed and contain guidelines on supervision and research for research doctorates at the University of Adelaide.

All students must comply with both the Specific Academic Program rules for the Doctor of Philosophy and the sub set of Specific Academic Program Rules for the Doctor of Education and with the policies and procedures outlined in the Code of Practice.

In addition to the Specific Academic Program Rules for the Doctor of Philosophy in this publication, the following rules apply to the Doctor of Education.

2 Academic standing

2.1 A candidate for the Doctor of Education would normally be expected to hold education qualifications, either in addition to the requirements laid down in 4.1 and 4.2 of the Specific Academic Program Rules for the Ph D, or as part of the earlier awards, such as B Ed or M Ed Studies.

2.2 In addition, candidates would be expected to have at least three years of professional experience in an educational context.

3 Work for the degree

3.1 For the Doctor of Education, the research undertaken shall take the form of a portfolio of professional research comprising three research projects on a particular professional issue or context. References to 'thesis' in the Specific Academic Program rules for the Doctor of Philosophy should be interpreted as "portfolio of research" in the case of the Doctor of Education.

3.2 The portfolio will contain an abstract that summarises the main findings presented in each research project and indicates how the three projects, when considered together, demonstrate a significant contribution to professional knowledge in education.

3.3 The portfolio will include an introduction which succinctly describes the professional problem or issue to be investigated, provides a critical review of the relevant literature in the area (which may replicate literature cited in the subsequent research projects), identifies specific gaps in educational knowledge and understanding and outlines the aims of the three research projects and the specific educational contexts in which the investigations take place.

3.4 The portfolio will contain a conclusion showing the professional significance of the findings for educational theory and practice, making recommendations for their practical implementation in educational contexts and for future research.

4 Required program of activities at the commencement of candidature

4.1 The Core Component of the Structured Program for the Doctor of Education will include:

(a) two research methodology courses from those offered for the Master of Educational Studies degree *or*

(b) where appropriate, one research methodology course and one other relevant course from those offered for the Master of Educational Studies degree.

Faculty of Engineering, Computer and Mathematical Sciences

www.adelaide.edu.au/ecms

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Notes on Delegated Authority

1 Council has delegated the power to approve minor changes to the Academic Program Rules to the Executive Deans of Faculties.

2 Council has delegated the power to specify syllabuses to the Head of each department or centre concerned, such syllabuses to be subject to approval by the Faculty or by the Executive Dean on behalf of the Faculty.

Graduate Certificate in Business Enterprise (SME)

Note: Postgraduate tuition fees apply to this program.

Academic Program Rules

1 Duration of program

To qualify for the Graduate Certificate a candidate shall satisfactorily complete a program of full-time study extending over at least six months or part-time study extending over at least one year. Except with the permission of the Faculty, the work for the Graduate Certificate shall be completed within two years.

2 Admission

2.1 Except as provided for in 2.2 below, a candidate for admission to the program of study for the Graduate Certificate shall have qualified for admission to a degree of the University or for a degree of another institution accepted for the purpose by the Faculty.

2.2 The Faculty may, in special cases and subject to such conditions (if any) as it may see fit to impose in each case, accept as a candidate for the degree a person who does not qualify for admission to the program under 2.1 above but has given evidence satisfactory to the Faculty of fitness to undertake work for the degree.

2.3 Status, exemption and credit transfer

Except with the special permission of the Faculty, no candidate will be granted status for any course that he or she has presented for another award. Such status as may be awarded in exceptional circumstances will only be awarded for graduate level studies.

2.4 Articulation with other awards

A candidate for the Master of Entrepreneurship who does not complete the requirements for the Masters degree but satisfies the requirements for the Graduate Certificate may be admitted to the Graduate Certificate in Business Enterprise (SME).

3 Assessment and examinations

3.1 There shall be four classifications of pass in each course for the Graduate Certificate: Pass with High Distinction, Pass with Distinction, Pass with Credit and Pass.

3.2 A candidate shall not be eligible to attend for examination unless the prescribed work has been completed to the satisfaction of the teaching staff concerned.

3.3 A candidate who fails to pass in a course and desires to take the course again shall again undertake study and satisfactorily do such written and practical work as the teaching staff concerned may prescribe, unless specifically exempted therefrom after written application to the Faculty for such exemption.

3.4 A candidate who has twice failed the examination in any course or division of a course may not enrol for the course again except by special permission of the Faculty and then only under such conditions as may be prescribed.

3.5 For the purpose of this Rule, a candidate who is refused permission to sit for examination, or who fails to attend all or part of a final examination (or supplementary examination if granted) after being enrolled for at least two thirds of the normal period during which the course is taught, shall be deemed to have failed the examination.

4 Qualification requirements

4.1 Academic program

To qualify for the Graduate Certificate in Business Enterprise (SME), a candidate shall satisfactorily complete courses to the value of 12 units as given below:

TECHCOMM 5017 New Enterprise Financial Management	3
TECHCOMM 5018 Opportunity Assessment	3
TECHCOMM 5019 New Enterprise Marketing	3
TECHCOMM 5020 New Enterprise Operations	3

4.2 Unacceptable combination of courses

No candidate will be permitted to count towards an award any course, together with any other course, which, in the opinion of the Faculty concerned, contains a substantial amount of the same material; and no course or portion of a course may be counted twice towards an award.

4.3 Graduation

Subject to Chapter 89 of the Statutes, candidates who have satisfied the requirements for any award of the University shall be admitted to that award at a graduation ceremony for the purpose.

5 Special circumstances

When in the opinion of the relevant Faculty special circumstances exist, the Council, on the recommendation of the Faculty in each case, may vary any of the provisions of the Academic Program Rules for any particular award.

Graduate Certificate in Engineering (Environmental Engineering)

Note: Postgraduate tuition fees apply to this program.

Academic Program Rules

1 Duration of program

Except with the permission of the Faculty the work for the Graduate Certificate shall be completed in part-time study over not more than two years.

2 Admission

2.1 Except as provided in 2.2 below, an applicant for admission to the program of study for the Graduate Certificate shall have qualified for the degree of Bachelor of Engineering of the University of Adelaide or for an award accepted by the Faculty of Engineering, Computer and Mathematical Sciences as equivalent to that degree for the purpose of this Rule.

2.2 The Faculty may, in special cases and subject to such conditions (if any) as it may see fit to impose in each case, accept as a candidate for the Graduate Certificate an applicant who does not qualify for admission under 2.1 above but has given evidence satisfactory to the Faculty of fitness to undertake work for the Graduate Certificate.

2.3 Status, exemption and credit transfer

A candidate who desires that examinations passed in the University or elsewhere be counted for the Graduate Certificate in Engineering (Environmental Engineering) may on written application be granted such exemption from the requirements of these Rules as the Faculty may determine. Otherwise no course counted for any other award shall be counted as part of the requirements for the Graduate Certificate. In any case, if a course has a Conceded Pass classification for the purpose of another award, any such course passed with this classification shall not count towards the requirements for the Graduate Certificate.

2.4 Articulation with other awards

These Academic Program Rules notwithstanding, a candidate who has been enrolled for the Graduate Diploma in Engineering (Environmental Engineering), and who as such a candidate has completed the work prescribed herein for the Graduate Certificate and who has not been awarded the Graduate Diploma, shall on written application be awarded the Graduate Certificate, subject to the student discontinuing candidature for the Graduate Diploma.

3 Enrolment

Each candidate's program of study must be approved by the Head of the School at enrolment each year.

4 Assessment and examinations

4.1 There shall be four classifications of Pass in each course for the Graduate Certificate: Pass with High Distinction, Pass with Distinction, Pass with Credit, and Pass.

4.2 A candidate shall not be eligible to attend for examination unless the prescribed work has been completed to the satisfaction of the teaching staff concerned. A candidate who is not eligible to attend for examination shall be deemed to have failed the examination.

4.3 A candidate who fails in a course and desires to take the course again shall again attend lectures and satisfactorily do such written and practical work as the teaching staff concerned may prescribe, unless specifically exempted therefrom by the Faculty.

4.4 A candidate who has twice failed in any course may not enrol for that course again except by special permission of the Faculty and then only under such conditions as may be prescribed.

5 Qualification requirements

5.1 To qualify for a Graduate Certificate in Engineering (Environmental Engineering) a candidate shall satisfactorily complete all courses from Group A in 5.6 below plus courses from Group B totalling at least 9 units.

5.2 The courses presented shall not include any which is, in the opinion of the Faculty, substantially equivalent to another course presented for the Certificate or already counted towards another qualification.

5.3 Should any course in Group A be covered by 5.2 above then a course(s) with an equivalent units value from Group B may be substituted with the approval of the Head of the School.

5.4 Candidates wishing to enrol in courses for which they do not have the necessary preliminary knowledge may be required to take such bridging courses prior to the commencement of their Certificate studies as may be deemed appropriate by the Head of the School. No

academic credit toward the Certificate will be awarded for such studies.

5.5 To complete a program of study in a course a candidate shall, unless exempted by the Head of the School offering the course:

(a) regularly attend the prescribed lectures, tutorials, workshops and seminars *and*

(b) undertake such computing work, project work, practical work, field work and case studies, do such reading, written and oral work and pass such examinations as the Head of the School offering the course may prescribe.

5.6 Academic Program

The following shall be courses for the Graduate Certificate in Engineering (Environmental Engineering):

Group A - Compulsory Course

C&ENVENG 5064 Environmental Engineering and Design III	3

Group B - Elective Courses

CHEM ENG 5000 Transport Processes in the Environment	2
C&ENVENG 5061 Environmental Science and Policy	2
C&ENVENG 5066 Advanced Engineering Hydrology and Design	3
C&ENVENG 5067 Advanced Water Distribution Systems and Design	3
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C&ENVENG 5076 Waste Management Analysis & Design	3
C&ENVENG 5077 Wastewater Engineering and Design	3
C&ENVENG 5078 Introduction to Environmental Law N	3
ECON 5000 Environmental Economics E	3

5.7 Graduation

Subject to Chapter 89 of the Statutes, candidates who have satisfied the requirements for any award of the University shall be admitted to that award at a graduation ceremony for the purpose.

6 Special circumstances

When in the opinion of the relevant Faculty special circumstances exist, the Council, on the recommendation of the Faculty in each case, may vary any of the provisions of the Academic Program Rules for any particular award.

Syllabus

See Graduate Diploma in Engineering (Environmental Engineering) for syllabus details.

Graduate Certificate in Engineering (Fuels, Combustion and Emission Control)

Note: Postgraduate tuition fees apply to this program.

Academic Program Rules

1 Duration of program

Except with the special permission of the Faculty, the program for the Graduate Certificate shall be completed in not less than one semester and not more than two semesters of full-time study, or not less than two and not more than four semesters of part-time study.

2 Admission

2.1 Except as provided for in 2.2 below, an applicant for admission to the program for the Graduate Certificate shall:

(a) have qualified in the University of Adelaide for the degree of Bachelor of Engineering (Chemical) or (Mechanical), or Honours degree of Bachelor of Engineering other than the Bachelor of Engineering (Chemical) or (Mechanical), or Honours degree of Bachelor of Science *or*

(b) have qualified for an award accepted by the Faculty of Engineering, Computer and Mathematical Sciences as being equivalent academically and professionally to one of the degrees described in 2.1 (a) above *or*

(c) have qualified in the University of Adelaide for the degree of Bachelor of Engineering or Bachelor of Science, or for an award accepted by the Faculty as being equivalent to one of those degrees, and have in addition successfully undertaken advanced studies and/or work in an appropriate area which is considered by the Faculty to be an adequate preparation for candidature.

2.2 The Faculty may, in exceptional circumstances and subject to such conditions (if any) as it may see fit to impose, accept as a candidate for the Graduate Certificate, a person who does not qualify under 2.1 above, but has given evidence satisfactory to the Faculty of fitness to undertake work for the Graduate Certificate.

2.3 Status or exemption

A candidate may not present for credit towards the Graduate Certificate any course which has been presented as part of the requirements for any other award of this University or other institution, or which in the opinion of the Faculty is substantially similar to such course.

2.4 Articulation with other awards

Notwithstanding these Academic Program Rules, a candidate who has been enrolled for the degree of Master of Engineering (Fuels, Combustion & Emission Control) or Graduate Diploma in Engineering (Fuels, Combustion & Emission Control), who as such a candidate has completed the work prescribed herein for the Graduate Certificate and who has not been awarded the degree of Master or Graduate Diploma, shall on written application be awarded the Graduate Certificate, subject to the student discontinuing candidature for the degree of Master of Engineering (Fuels, Combustion & Emission Control) or Graduate Diploma in Engineering (Fuels, Combustion & Emission Control).

3 Assessment and examinations

3.1 There shall be four classifications of pass in each course for the Graduate Certificate: Pass with High Distinction, Pass with Distinction, Pass with Credit, and Pass.

3.2 A candidate shall not be eligible to attend for examination unless the prescribed work has been completed to the satisfaction of the teaching staff concerned.

3.3 A candidate who fails in a course and desires to take the course again shall again attend lectures and satisfactorily do such written and practical work as the teaching staff concerned may prescribe, unless specifically exempted therefrom by the Faculty.

3.4 A candidate who has twice failed any course may not enrol for that course again except by special permission of the Faculty and then only under such conditions as may be prescribed.

3.5 For the purpose of this Rule a candidate who is refused permission to sit for examination, or who without a reason accepted by the Executive Dean of the Faculty (or nominee) fails to attend all or part of a final examination (or supplementary examination if granted) after remaining enrolled for at least eight teaching weeks of that semester, shall be deemed to have failed the examination.

4 Qualification requirements

4.1 To qualify for a Graduate Certificate in Engineering (Fuels, Combustion & Emission Control) a candidate shall satisfactorily complete all courses in Group A plus courses from Group B below, to the total value of at least 12 units.

Notes

1 Each year the School of Chemical Engineering shall determine which of the elective courses in Group B will be offered and in which semester they will be offered.

2 With approval from the Head of the School of Chemical Engineering, a student may undertake a limited number of courses offered by other Schools or Faculties, or by other institutions, to replace some of the elective courses in Group B.

4.2 Academic Program

Group A: core courses

CHEM ENG 5013 Fuels and Combustion Technology	2
CHEM ENG 5016 Instrumentation and Control for Combustion Processes	2
CHEM ENG 5017 Introduction to Combustion Phenomena	3
CHEM ENG 5027 Fuels and Combustion Laboratory Projects I	3

Group B: elective courses

General

CHEM ENG 5008 Combustion Heat Transfer	2
CHEM ENG 5009 Combustion for High Temperature Processing	2
CHEM ENG 5010 Combustion Plant Safety and Management	2
CHEM ENG 5026 Combustion and Environment	2

Coal

CHEM ENG 5006 Coal Combustion in Furnaces	2
CHEM ENG 5007 Coal Conversion Processes other than Combustion	2

Gas and Oil

CHEM ENG 5019 Oil and Gas Combustion Technology	2

4.3 No candidate will be permitted to count towards an award any course, together with any other course, which, in the opinion of the Faculty concerned, contains a substantial amount of the same material; and no course or portion of a course may be counted twice towards an award

4.4 Graduation

Subject to Chapter 89 of the Statutes, candidates who have satisfied the requirements for any award of the University shall be admitted to that award at a graduation ceremony for the purpose.

5 Special circumstances

When in the opinion of the relevant Faculty special circumstances exist, the Council, on the recommendation of the Faculty in each case, may vary any of the provisions of the Academic Program Rules for any particular award.

Graduate Certificate in Engineering (Signal Processing)

Note: Postgraduate tuition fees apply to this program. It is not expected that there will be an intake into the program in 2004.

Academic Program Rules

1 Duration of program

Except with the permission of the Faculty the work for the Graduate Certificate shall be completed in not less than one semester of full-time work and not more than two years.

2 Admission

2.1 Except as provided in 2.2 below an applicant for admission to the program of study for the Graduate Certificate shall have qualified for the degree of Bachelor of Engineering of the University of Adelaide or for an award accepted by the Faculty of Engineering, Computer and Mathematical Sciences as equivalent to that degree for the purpose of this Rule.

2.2 The Faculty may, in special cases and subject to such conditions (if any) as it may see fit to impose in each case, accept as a candidate for the Graduate Certificate an applicant who does not qualify for admission under 2.1 above but has given evidence satisfactory to the Faculty of fitness to undertake work for the Graduate Certificate.

3 Enrolment

Each candidate's program of study must be approved by the Head of the School at enrolment each year.

4 Assessment and examinations

4.1 There shall be four classifications of pass in each course for the Graduate Certificate: Pass with High Distinction, Pass with Distinction, Pass with Credit, and Pass.

4.2 A candidate shall not be eligible to attend for examination unless the prescribed work has been completed to the satisfaction of the teaching staff concerned.

4.3 A candidate who fails in a course and desires to take the course again shall again attend lectures and satisfactorily do such written and practical work as the teaching staff concerned may prescribe, unless specifically exempted therefrom after written application to the Faculty for such exemption.

4.4 A candidate who has twice failed any course may not enrol for that course again except by special permission of the Faculty and then only under such conditions as may be prescribed.

4.5 For the purpose of this Rule a candidate who is refused permission to sit for examination, or who without a reason accepted by the Executive Dean of the Faculty (or nominee) fails to attend all or part of a final examination (or supplementary examination if granted) after remaining enrolled for at least eight teaching weeks of that semester, shall be deemed to have failed the examination.

5 Qualification requirements

5.1 To qualify for a Graduate Certificate in Engineering (Signal Processing) a candidate shall satisfactorily complete courses from 5.5 below with an aggregate units value of at least 12, including at least 6 units from Group A.

5.2 The courses presented shall not include any which is, in the opinion of the Faculty, substantially equivalent to another course presented for the Certificate or already counted towards another qualification.

5.3 Candidates wishing to enrol in courses for which they do not have the necessary preliminary knowledge may be required to take such bridging courses prior to the commencement of their Certificate studies as may be deemed appropriate by the Head of the School. No academic credit toward the Certificate will be awarded for such studies.

5.4 To complete a program of study in a course a candidate shall, unless exempted by the Head of the School offering the course:

(a) regularly attend the prescribed lectures, tutorials, workshops and seminars *and*

(b) undertake such computing work, project work, practical work, field work and case studies, do such reading, written and oral work and pass such examinations as the Head of the School offering the course may prescribe.

5.5 Academic Program

The following shall be courses for the Graduate Certificate in Engineering (Signal Processing):

Group A: core courses

ELEC ENG 5000 Neural Networks	2
ELEC ENG 5001 Introduction to Multisensor Data Fusion	2
ELEC ENG 5002 Radar Imaging	2

ELEC ENG 5003 Wavelet Transforms	2
ELEC ENG 5004 Computer Vision	2
ELEC ENG 5005 Estimation Theory	2
ELEC ENG 5006 Digital Signal Processing Techniques	2

Group B: elective courses

ELEC ENG 5021 Introduction to Surveillance Sensors and Systems	3

Other relevant courses offered for Graduate Diploma and Graduate Certificate programs at the University of Adelaide, the University of South Australia and the Flinders University of South Australia, as may be approved by the Head of the School of Electrical and Electronic Engineering.

5.6 Graduation

Subject to Chapter 89 of the Statutes, candidates who have satisfied the requirements for any award of the University shall be admitted to that award at a graduation ceremony for the purpose.

6 Special circumstances

When in the opinion of the relevant Faculty special circumstances exist, the Council, on the recommendation of the Faculty in each case, may vary any of the provisions of the Academic Program Rules for any particular award.

Graduate Certificate in Engineering (Structural Engineering)

Note: Postgraduate tuition fees apply to this program.

Academic Program Rules

1 Duration of program

To qualify for the Graduate Certificate a candidate shall satisfactorily complete a program of full-time study extending over at least one semester or its part-time equivalent. Except with the permission of the Faculty the work for the Graduate Certificate shall be completed within two years.

2 Admission

2.1 Except as provided in Regulation 2.2 below, an applicant for admission to the program of study for the Graduate Certificate shall either:

(i) have qualified for the degree of Bachelor of Engineering (Civil and Environmental) of the University of Adelaide *or*

(ii) hold a qualification accepted by the Faculty of Engineering, Computer and Mathematical Sciences as being equivalent to the degree of Bachelor of Engineering (Civil and Environmental) of the University of Adelaide.

2.2 The Faculty may, in special cases and subject to such conditions (if any) as it may see fit to impose in each case, accept as a candidate for the Graduate Certificate an applicant who does not qualify for admission under 2.1 above, but has given evidence satisfactory to the Faculty of fitness to undertake work for the Graduate Certificate.

2.3 Status and exemption

A candidate who desires that examinations which he or she has passed in the University or elsewhere be counted for the Graduate Certificate in Engineering (Structural Engineering) may on written application be granted such exemption from the requirements of these regulations as the Faculty may determine. Otherwise, no course counted for any other award of this University or other institution shall be counted as part of the requirements for the Graduate Certificate.

3 Enrolment

Each candidate's program of study must be approved by the Head of the School at enrolment each year.

4 Assessment and examinations

4.1 There shall be four classifications of pass in each course for the Graduate Certificate: Pass with High Distinction, Pass with Distinction, Pass with Credit, and Pass. If a course has a Conceded Pass classification for the purpose of another award, any such course passed with this classification shall not count towards the requirements for the Graduate Certificate.

4.2 A candidate shall not be eligible to attend for examination unless the prescribed work has been completed to the satisfaction of the teaching staff concerned. A candidate who is not eligible to attend for examination shall be deemed to have failed the examination.

4.3 A candidate who fails (or obtains a conceded pass) in a course and desires to take the course again shall again attend lectures and satisfactorily do such written and practical work as the teaching staff concerned may prescribe, unless specifically exempted therefrom after written application to the Faculty for such exemption.

4.4 A candidate who has twice failed or obtained conceded passes in any course may not enrol for that course again except by special permission of the Faculty and then only under such conditions as may be prescribed.

5 Qualification requirements

5.1 To qualify for the Graduate Certificate in Engineering (Structural Engineering) a candidate shall satisfactorily complete all courses from Group A below plus courses from Group B to a value of at least 6 units.

5.2 The courses presented shall not include any which are, in the opinion of the Faculty, substantially equivalent to other courses presented for the Certificate or already counted towards another qualification.

5.3 Should any course in Group A be covered by 5.2 above then course/s with an equivalent units value from Group B may be substituted with the approval of the Head of School.

5.4 Candidates wishing to enrol in courses for which they do not have the necessary preliminary knowledge may be required to take such bridging courses prior to the commencement of their Certificate studies as may be deemed appropriate by the Head of the School. No

academic credit toward the Certificate will be awarded for such studies.

5.5 To complete a program of study in a course a candidate shall, unless exempted by the Head of the School offering the course:

(a) regularly attend the prescribed lectures, tutorials, workshops and seminars *and*

(b) undertake such computing work, project work, practical work, field work and case studies, do such reading, written and oral work and pass such examinations as the Head of the School offering the course may prescribe.

5.6 Academic Program

The following shall be courses for the Graduate Certificate in Engineering (Structural Engineering):

Group A - Compulsory Courses

C&ENVENG 5062 Structural Design III (Concrete)	3
C&ENVENG 5063 Structural Design III (Steel)	3

Group B - Elective Courses

C&ENVENG 5065 Advanced Steel and Concrete Construction and Design	3
C&ENVENG 5055 Advanced Steel Design N	3
C&ENVENG 5056 Computer Methods of Structural Analysis and Design	3
C&ENVENG 5057 Design of Concrete Structures N	3
C&ENVENG 5058 Earthquake Engineering & Design	3
C&ENVENG 5059 Special Topics in Structural Engineering IV N	3
C&ENVENG 5060 Fundamental Steel Design	3

5.7 Graduation

Subject to Chapter 89 of the Statutes, candidates who have satisfied the requirements for any award of the University shall be admitted to that award at a graduation ceremony for the purpose.

6 Special circumstances

When in the opinion of the relevant Faculty special circumstances exist, the Council, on the recommendation of the Faculty in each case, may vary any of the provisions of the Academic Program Rules for any particular award.

Graduate Certificate in Project Management

Note: Postgraduate tuition fees apply to this program.

Academic Program Rules

1 Duration of program

The Graduate Certificate in Project Management can be completed in a minimum of 1 semester or participants can study at their own pace so long as the 4 courses are completed within 2 years.

2 Admission

2.1 An applicant for admission to the academic program for the Graduate Certificate in Project Management shall have qualified for a degree of the University or a degree of another institution accepted by the Faculty for the purpose as equivalent to a degree of the University.

2.2 The Faculty may, subject to such conditions as it may see fit to impose in each case, accept as a candidate for the Graduate Certificate in Project Management a person who does not satisfy the requirements of Rule 2.1 above but who has presented evidence satisfactory to the Faculty of fitness to undertake work for the Graduate Certificate.

2.3 Status, exemption and credit transfer

Candidates who have previously passed courses in postgraduate awards or equivalent at the University of Adelaide or another university and who wish to count such courses towards the Graduate Certificate in Project Management may, on written application to the Faculty, be granted such status as the Faculty shall determine, to a maximum aggregate value of six (6) units.

2.4 Articulation with other awards

A candidate for the Master of Project Management who does not complete the requirements for the Masters degree but satisfies the requirements for the Graduate Certificate may be admitted to that degree as appropriate.

3 Assessment and examinations

3.1 There shall be four classifications of pass in any course for the Graduate Certificate: Pass with High Distinction; Pass with Distinction; Pass with Credit; and Pass.

3.2 A candidate shall not be eligible to be assessed, by examination or otherwise, unless the prescribed work has been completed to the satisfaction of the teaching staff concerned.

3.3 A candidate who fails a course and wishes to repeat that course, shall, unless exempted partially there from by the

Faculty, again complete the required work in the course to the satisfaction of the teaching staff concerned.

3.4 A candidate who has failed a course twice may not re-enrol in that course except by special permission of the Faculty and then only under such conditions as may be prescribed.

3.5 For the purpose of this Rule, a candidate who is refused permission to sit for examination shall be deemed to have failed the examination.

4 Qualification requirements

4.1 To qualify for the Graduate Certificate, a candidate shall satisfactorily complete courses to the value of 12 units comprising 9 units from the list of core courses and 3 units of elective courses:

4.1.1 Core courses

TECHCOMM 5004 Managing Risk	3
TECHCOMM 5015 Project Finance and Accounting	3
TECHCOMM 5021 Applied Project Management 1	3

4.1.2 Elective courses

TECHCOMM 5002 Managing Product Design and Development	3
TECHCOMM 5008 Leading and Managing	3
TECHCOMM 5009 Business and Contract Management	3
TECHCOMM 5010 Technology Project Management	3
TECHCOMM 5012 Integrated Logistic Support	3
TECHCOMM 5013 Systems Engineering	3
TECHCOMM 5014 Science and Technology Management: Tools and Techniques	3
TECHCOMM 5016 Entrepreneurship and Innovation	3
TECHCOMM 5018 Opportunity Assessment	3
TECHCOMM 5024 Project Management Project (3 units)	3
TECHCOMM 5026 Applied Project Management 2	3
TECHCOMM 5027 Business and Project Creation	3

Note: students should discuss their choice of courses with the Program Coordinator

4.2 Unacceptable combination of courses

No candidate will be permitted to count towards an award any course, together with any other course, which, in the opinion of the Faculty concerned, contains a substantial amount of the same material; and no course or portion of a course may be counted twice towards an award.

4.3 Graduation

Subject to Chapter 89 of the Statutes, candidates who have satisfied the requirements for any award of the University shall be admitted to that award at a graduation ceremony for the purpose.

5 Special circumstances

When in the opinion of the relevant Faculty special circumstances exist, the Council, on the recommendation of the Faculty in each case, may vary any of the provisions of the Academic Program Rules for any particular award.

Graduate Certificate in Science and Technology Commercialisation

Note: Postgraduate tuition fees apply to this program.

Academic Program Rules

1 Duration of program

The Graduate Certificate may be completed in a minimum of one semester, or participants can study at their own pace provided the four courses are completed within two years.

2 Admission

2.1 An applicant for admission to the program for the Graduate Certificate in Science and Technology Commercialisation shall have qualified for the degree of the University or another institution accepted by the University for the purpose as equivalent, shall have had at least 5 years approved professional work experience, and shall have demonstrated to the satisfaction of the University to have the capacity and experience to benefit from the program.

2.2 The Faculty may, subject to such conditions as it may see fit to impose in each case, accept as a candidate for the Graduate Certificate a person who does not satisfy the requirements of Rule 2.1 above but who has presented evidence satisfactory to the Faculty of fitness to undertake work for the Graduate Certificate.

2.3 Status, exemption and credit transfer

Candidates who have previously passed courses in postgraduate awards or equivalent in the University of Adelaide or another university and who wish to count such courses towards the Graduate Certificate in Science and Technology Commercialisation may, on written application to the Faculty, be granted such status as the Faculty shall determine, to a maximum aggregate value of three (3) units.

2.4 Articulation with other awards

A candidate for the Graduate Diploma in Science and Technology Commercialisation who does not complete the requirements for the Graduate Diploma but satisfies the requirements for the Graduate Certificate may be admitted to the Graduate Certificate in Science and Technology Commercialisation.

3 Assessment and examinations

3.1 There shall be four classifications of pass in any course for the Graduate Certificate: Pass with High Distinction; Pass with Distinction; Pass with Credit; and Pass.

3.2 A candidate shall not be eligible to be assessed, by examination or otherwise, unless the prescribed work has been completed to the satisfaction of the teaching staff concerned.

3.3 A candidate who fails a course and wishes to repeat that course, shall, unless exempted partially therefrom by the Faculty, again complete the required work in the course to the satisfaction of the teaching staff concerned.

3.4 A candidate who has failed a course twice may not re-enrol in that course except by special permission of the Faculty and then only under such conditions as may be prescribed.

3.5 For the purpose of this Rule, a candidate who is refused permission to sit for examination shall be deemed to have failed the examination.

4 Qualification requirements

4.1 Academic program

To qualify for the Graduate Certificate, a candidate shall satisfactorily complete courses to the value of 12 units of which at least 9 are core courses.

4.1.1 Core courses

TECHCOMM 5001 Marketing Technological Innovation	3
TECHCOMM 5002 Managing Product Design and Development	3
TECHCOMM 5003 Strategic Analysis for Technology Commercialisation	3
TECHCOMM 5005 Financing Commercialisation	3
TECHCOMM 5006 Technology Management and Transfer	3
TECHCOMM 5007 Legal Issues of the Commercialisation Process	3
TECHCOMM 5008 Leading and Managing	3
TECHCOMM 5011 Internationalisation of Technology	3

4.1.2 Elective courses

TECHCOMM 5004 Managing Risk	3
TECHCOMM 5009 Business and Contract Management	3
TECHCOMM 5012 Integrated Logistics Support	3
TECHCOMM 5021 Applied Project Management 1	3

4.2 Unacceptable combination of courses

No candidate will be permitted to count towards an award any course, together with any other course, which, in the opinion of the Faculty concerned, contains a substantial amount of the same material; and no course or portion of a course may be counted twice towards an award.

4.3 Graduation

Subject to Chapter 89 of the Statutes, candidates who have satisfied the requirements for any award of the University shall be admitted to that award at a graduation ceremony for the purpose.

5 Special circumstances

When in the opinion of the relevant Faculty special circumstances exist, the Council, on the recommendation of the Faculty in each case, may vary any of the provisions of the Academic Program Rules for any particular award.

Graduate Diploma in Engineering (Environmental Engineering)

Note: Postgraduate tuition fees apply to this program.

Academic Program Rules

1 Duration of program

To qualify for the Graduate Diploma a candidate shall satisfactorily complete a program of full-time study extending over at least one year or of part-time study over at least two years. Except with the permission of the Faculty the work for the Graduate Diploma shall be completed within three years.

2 Admission

2.1 Except as provided in 2.2 below, an applicant for admission to the program of study for the Graduate Diploma shall:

(a) have qualified for the degree of Bachelor of Engineering of the University of Adelaide *or*

(b) hold a qualification accepted by the Faculty of Engineering, Computer and Mathematical Sciences as being equivalent to the degree of Bachelor of Engineering of the University of Adelaide *or*

(c) have been admitted to the program of study for the Graduate Certificate in Engineering (Environmental Engineering). Courses passed for the Graduate Certificate will then be counted for the Graduate Diploma.

2.2 The Faculty may, in special cases and subject to such conditions (if any) as it may see fit to impose in each case, accept as a candidate for the Graduate Diploma an applicant who does not qualify for admission under 2.1 above but has given evidence satisfactory to the Faculty of fitness to undertake work for the Graduate Diploma.

3 Enrolment

Each candidate's program of study must be approved by the Head of the School at enrolment each year.

4 Assessment and examinations

4.1 If a course has a Conceded Pass classification for the purpose of another award, any such course passed with this classification shall not count towards the requirements for the Graduate Diploma.

4.2 There shall be four classifications of pass in each course for the Graduate Diploma: Pass with High Distinction, Pass with Distinction, Pass with Credit, and Pass.

4.3 A candidate shall not be eligible to attend for examination unless the prescribed work has been completed to the satisfaction of the teaching staff concerned. A candidate who is not eligible to attend for examination shall be deemed to have failed the examination.

4.4 A candidate who fails in a course and desires to take the course again shall again attend lectures and satisfactorily do such written and practical work as the teaching staff concerned may prescribe, unless specifically exempted therefrom after written application to the Faculty for such exemption.

4.5 A candidate who has twice failed in any course may not enrol for that course again except by special permission of the Faculty and then only under such conditions as may be prescribed.

5 Qualification requirements

5.1 To qualify for a Graduate Diploma in Engineering (Environmental Engineering) a candidate shall satisfactorily complete all courses from Group A in 5.6 below plus courses from Group B in 5.6 below to a value of at least 21 units.

5.2 The courses presented shall not include any which is, in the opinion of the Faculty, substantially equivalent to another course presented for the Diploma or already counted towards another qualification.

5.3 Should any course in Group A be covered by 5.2 above then a course/s with an equivalent units value from Group B may be substituted with the approval of the Head of School.

5.4 Candidates wishing to enrol in courses for which they do not have the necessary preliminary knowledge may be required to take such bridging courses prior to the commencement of their Diploma studies as may be deemed appropriate by the Head of the School. No academic credit toward the Diploma will be awarded for such studies.

5.5 To complete a program of study in a course a candidate shall, unless exempted by the Head of the School offering the course:

(a) regularly attend the prescribed lectures, tutorials, workshops and seminars *and*

(b) undertake such computing work, project work, practical work, field work and case studies, do such reading, written and oral work and pass such examinations as the Head of the School offering the course may prescribe.

5.6 Academic program

The following shall be courses for the Graduate Diploma in Engineering (Environmental Engineering).

Group A - Compulsory Course

C&ENVENG 5064 Environmental Engineering and Design III	3

Group B - Elective Courses

CHEM ENG 5000 Transport Processes in the Environment	2
C&ENVENG 5061 Environmental Science and Policy	2
C&ENVENG 5066 Advanced Engineering Hydrology and Design	3
C&ENVENG 5067 Advanced Water Distribution Systems and Design	3
C&ENVENG 5068 Advanced Water Resources Management and Design	3
C&ENVENG 5069 Advanced Water Resources Planning and Design	3
C&ENVENG 5070 Special Topics in Water Engineering IV N	3
C&ENVENG 5071 Special Topics in Management and Planning IV N	3
C&ENVENG 5072 Environmental Auditing & Design	3
C&ENVENG 5073 Environmental Processes, Modelling and Design	3
C&ENVENG 5074 Groundwater Resources, Contamination and Design	3
C&Enveng 5075 Numerical Methods in Environmental Engineering	3
C&ENVENG 5076 Waste Management Analysis & Design	3
C&ENVENG 5077 Wastewater Engineering and Design	3
C&ENVENG 5078 Introduction to Environmental Law N	3
ECON 5000 Environmental Economics E	3

5.7 Transfer from Graduate Certificate

A candidate who holds the Graduate Certificate in Engineering (Environmental Engineering) shall surrender the Graduate Certificate before being awarded the Graduate Diploma.

5.8 Graduation

Subject to Chapter 89 of the Statutes, candidates who have satisfied the requirements for any award of the University shall be admitted to that award at a graduation ceremony for the purpose.

6 Special circumstances

When in the opinion of the relevant Faculty special circumstances exist, the Council, on the recommendation of the Faculty in each case, may vary any of the provisions of the Academic Program Rules for any particular award.

Graduate Diploma in Engineering (Fuels, Combustion and Emission Control)

Note: Postgraduate tuition fees apply to this program.

Academic Program Rules

1 Duration of program

Except with the special permission of the Faculty, the program for the Graduate Diploma shall be completed in not less than two semesters and not more than four semesters of full-time study, or not less than four and not more than eight semesters of part-time study.

2 Admission

2.1 Except as provided for in 2.2 below, an applicant for admission to the program for the Graduate Diploma shall:

(a) have qualified in the University of Adelaide for the degree of Bachelor of Engineering (Chemical) or (Mechanical), or Honours degree of Bachelor of Engineering other than the Bachelor of Engineering (Chemical) or (Mechanical), or Honours degree of Bachelor of Science *or*

(b) have qualified for an award accepted by the Faculty of Engineering, Computer and Mathematical Sciences as being equivalent academically and professionally to one of the degrees described in clause 2.1.(a) above *or*

(c) have qualified in the University of Adelaide for the degree of Bachelor of Engineering or Bachelor of Science, or for an award accepted by the Faculty as being equivalent to one of those degrees, and have in addition successfully undertaken advanced studies and/or work in an appropriate area which is considered by the Faculty to be an adequate preparation for candidature.

2.2 The Faculty may, in exceptional circumstances and subject to such conditions (if any) as it may see fit to impose, accept as a candidate for the Graduate Diploma, a person who does not qualify under 2.1 above, but has given evidence satisfactory to the Faculty of fitness to undertake work for the Graduate Diploma.

2.3 Status or exemption

A candidate may not present for credit towards the Graduate Diploma any course which has been presented as part of the requirements for any other award of this University or other institution, or which in the opinion of the Faculty is substantially similar to such course.

2.4 Articulation with other awards

Notwithstanding these Academic Program Rules, a candidate who has been enrolled for the degree of Master of Engineering (Fuels, Combustion & Emission Control), who as such a candidate has completed the work prescribed herein for the Graduate Diploma and who has not been awarded the Master degree, shall on written application be awarded the Graduate Diploma, subject to the student discontinuing candidature for the degree of Master of Engineering (Fuels, Combustion & Emission Control).

3 Assessment and examinations

3.1 There shall be four classifications of pass in each course for the Graduate Diploma: Pass with High Distinction, Pass with Distinction, Pass with Credit, and Pass.

3.2 A candidate shall not be eligible to attend for examination unless the prescribed work has been completed to the satisfaction of the teaching staff concerned.

3.3 A candidate who fails in a course and desires to take the course again shall again attend lectures and satisfactorily do such written and practical work as the teaching staff concerned may prescribe, unless specifically exempted therefrom by the Faculty.

3.4 A candidate who has twice failed any course may not enrol for that course again except by special permission of the Faculty and then only under such conditions as may be prescribed.

3.5 For the purpose of this Rule a candidate who is refused permission to sit for examination, or who without a reason accepted by the Executive Dean of the Faculty (or nominee) fails to attend all or part of a final examination (or supplementary examination if granted) after remaining enrolled for at least eight teaching weeks of that semester, shall be deemed to have failed the examination.

4 Qualification requirements

4.1 To qualify for a Graduate Diploma in Engineering (Fuels, Combustion and Emission Control) a candidate shall satisfactorily complete all courses in Group A plus courses from Group B below, to the total value of at least 24 units.

Notes

1 Each year the School of Chemical Engineering shall determine which of the elective courses in Group B will be offered and in which semester they will be offered.

2 With approval from the Head of School of Chemical Engineering, a student may undertake a limited number of courses offered by other schools or faculties, or by other institutions, to replace some of the elective courses in Group B.

4.2 Academic program

Group A: Core courses

CHEM ENG 5008 Combustion Heat Transfer	2
CHEM ENG 5013 Fuel and Combustion Technology	2
CHEM ENG 5016 Instrumentation and Control for Combustion Processes	2
CHEM ENG 5017 Introduction to Combustion Phenomena	3
CHEM ENG 6006 Chemical Reactions and Pollutant Formation	2
CHEM ENG 6009 Fuels and Combustion Laboratory Projects II	5
CHEM ENG 6010 Fuel and Combustion Seminars	2

Group B: Elective course

General

CHEM ENG 5009 Combustion for High Temperature Processing	2
CHEM ENG 5010 Combustion Plant Safety and Management	2
CHEM ENG 6002 Combustion Emission Control	2
CHEM ENG 6005 Introduction to Combustion Aerodynamics	2

Coal

CHEM ENG 5006 Coal Combustion in Furnaces	2
CHEM ENG 5007 Coal Conversion Processes other than Combustion	2
CHEM ENG 6007 Coal Properties and Characterisation	2

Gas and Oil

CHEM ENG 5019 Oil and Gas Combustion Technology	2
CHEM ENG 6008 Energy Management & Conversion	2

4.3 No candidate will be permitted to count towards an award any course, together with any other course, which, in the opinion of the Faculty concerned, contains a substantial amount of the same material; and no course or portion of a course may be counted twice towards an award.

4.4 Graduation

Subject to Chapter 89 of the Statutes, candidates who have satisfied the requirements for any award of the University shall be admitted to that award at a graduation ceremony for the purpose.

5 Special circumstances

When in the opinion of the relevant Faculty special circumstances exist, the Council, on the recommendation of the Faculty in each case, may vary any of the provisions of the Academic Program Rules for any particular award.

Graduate Diploma in Engineering (Radio Frequency Engineering)

Note: Postgraduate tuition fees apply to this program. It is not expected that there will be an intake into the program in 2004.

Academic Program Rules

1 Duration of program

The program for the Graduate Diploma shall be offered on a part-time basis only. It is expected that candidates will be able to complete the program in a minimum of six semesters of part-time study.

2 Admission

2.1 Except as provided in 2.2 below, an applicant for admission to the program for the Graduate Diploma shall:

(a) have qualified in the University of Adelaide for the degree of Bachelor of Engineering in Electrical & Electronic or Computer Systems Engineering *or*

(b) have qualified for an award accepted by the Faculty of Engineering, Computer and Mathematical Sciences as being equivalent academically and professionally to the degree of Bachelor of Engineering in Electrical & Electronic or Computer Systems Engineering at the University of Adelaide.

2.2 The Faculty may, in exceptional circumstances and subject to such conditions (if any) as it may see fit to impose, accept as a candidate for the Graduate Diploma, a person who does not qualify under 2.1 above, but has given evidence satisfactory to the Faculty of fitness to undertake work for the Graduate Diploma.

2.3 Status or exemption

A candidate may not present for credit towards the Graduate Diploma any course which has been presented as part of the requirements for any other award of this University or other institution, or which in the opinion of the Faculty is substantially similar to such course.

2.4 Articulation with other awards

Notwithstanding these Academic Program Rules, a candidate who has been enrolled for the degree of Master of Engineering (Radio Frequency Engineering) who as such a candidate has completed the work prescribed herein for the Graduate Diploma and who has not been awarded the Masters degree, shall on written application be awarded the Graduate Diploma, subject to the student discontinuing candidature for the degree of Master of Engineering (Radio Frequency Engineering).

3 Assessment and examinations

3.1 There shall be four classifications of pass in each core course for the Graduate Diploma: Pass with High Distinction, Pass with Distinction, Pass with Credit, and Pass. The Directed Readings shall be assessed on a satisfactory/unsatisfactory basis.

3.2 A candidate shall not be eligible to attend for examination where relevant unless the prescribed work has been completed to the satisfaction of the teaching staff concerned.

3.3 A candidate who fails in a course and desires to take the course again shall again attend lectures and satisfactorily do such written and practical work as the teaching staff concerned may prescribe, unless specifically exempted therefrom after written application to the Faculty for such exemption.

3.4 A candidate who has twice failed any course may not enrol for that course again except by special permission of the Faculty and then only under such conditions as may be prescribed.

3.5 For the purpose of this Rule a candidate who is refused permission to sit for examination, or who without a reason accepted by the Executive Dean of the Faculty (or nominee) fails to attend all or part of a final examination (or supplementary examination if granted) after remaining enrolled for at least eight teaching weeks of that semester, shall be deemed to have failed the examination.

4 Qualification requirements

4.1 Academic program

To qualify for a Graduate Diploma in Engineering (Radio Frequency Engineering) a candidate shall satisfactorily complete the courses listed below, to the total value of 24 units:

Core courses

ELEC ENG 6000 Antennas and Propagation	3
ELEC ENG 6001 CAD of RF Circuits and Systems	3
ELEC ENG 6002 Introduction to RF Design	4
ELEC ENG 6005 RF Measurements and Testing	3
ELEC ENG 6006 Transmission Lines and Waveguides	3

Directed readings

ELEC ENG 6003 Readings in RF Engineering 2	4
ELEC ENG 6004 Readings in RF Engineering 1	4

4.2 Unacceptable combination of courses

No candidate will be permitted to count towards an award any course, together with any other course, which, in the opinion of the Faculty concerned, contains a substantial amount of the same material; and no course or portion of a course may be counted twice towards an award.

4.3 Graduation

Subject to Chapter 89 of the Statutes, candidates who have satisfied the requirements for any award of the University shall be admitted to that award at a graduation ceremony for the purpose.

5 Special circumstances

When in the opinion of the relevant Faculty special circumstances exist, the Council, on the recommendation of the Faculty in each case, may vary any of the provisions of the Academic Program Rules for any particular award.

Graduate Diploma in Engineering (Structural Engineering)

Note: Postgraduate tuition fees apply to this program.

Academic Program Rules

1 Duration of program

To qualify for the Graduate Diploma a candidate shall satisfactorily complete a program of full-time study extending over at least one year or its part-time equivalent. Except with the permission of the Faculty the work for the Graduate Diploma shall be completed within three years.

2 Admission

2.1 Except as provided in 2.2 below, an applicant for admission to the program of study for the Graduate Diploma shall:

(i) have qualified for the degree of Bachelor of Engineering (Civil & Environmental) of the University of Adelaide *or*

(ii) hold a qualification accepted by the Faculty of Engineering, Computer and Mathematical Sciences as being equivalent to the degree of Bachelor of Engineering (Civil & Environmental) of the University of Adelaide *or*

(iii) have been admitted to the program of study for the Graduate Certificate in Engineering (Structural Engineering). Courses passed for the Graduate Certificate will then be counted for the Graduate Diploma.

2.2 The Faculty may, in special cases and subject to such conditions (if any) as it may see fit to impose in each case, accept as a candidate for the Graduate Diploma an applicant who does not qualify for admission under 2.1 above but has given evidence satisfactory to the Faculty of fitness to undertake work for the Graduate Diploma.

2.3 Status and exemption

A candidate who desires that examinations which he or she has passed in the University or elsewhere be counted for the Graduate Diploma in Engineering (Structural Engineering) may on written application be granted such exemption from the requirements of these rules as the Faculty may determine. Otherwise, no course counted for any other award of this University or other institution shall be counted as part of the requirements for the Graduate Diploma.

3 Enrolment

Each candidate's program of study must be approved by the Head of the School at enrolment each year.

4 Assessment and examinations

4.1 There shall be four classifications of pass in each course for the Graduate Diploma: Pass with High Distinction, Pass with Distinction, Pass with Credit, and Pass. If a course has a Conceded Pass classification for the purpose of another award, any such course passed with this classification shall not count towards the requirements for the Graduate Diploma.

4.2 A candidate shall not be eligible to attend for examination unless the prescribed work has been completed to the satisfaction of the teaching staff concerned. A candidate who is not eligible to attend for examination shall be deemed to have failed the examination.

4.3 A candidate who fails (or obtains a conceded pass) in a course and desires to take the course again shall again attend lectures and satisfactorily do such written and practical work as the teaching staff concerned may prescribe, unless specifically exempted therefrom after written application to the Faculty for such exemption.

4.4 A candidate who has twice failed or obtained conceded passes in any course may not enrol for that course again except by special permission of the Faculty and then only under such conditions as may be prescribed.

5 Qualification requirements

5.1 To qualify for the Graduate Diploma in Engineering (Structural Engineering) a candidate shall satisfactorily complete all courses from Group A below plus courses from Group B to a value of at least 12 units.

5.2 The courses presented shall not include any course which is, in the opinion of the Faculty, substantially equivalent to another course presented for the Diploma or already counted towards another qualification.

5.3 Should any course in Group A be covered by 5.2 above then course(s) with an equivalent units value from Group B may be substituted with the approval of the Head of School.

5.4 Candidates wishing to enrol in courses for which they do not have the necessary preliminary knowledge may be required to take such bridging courses prior to the commencement of their Diploma studies as may be deemed appropriate by the Head of the School. No academic credit toward the Diploma will be awarded for such studies.

5.5 To complete a program of study in a course a candidate shall, unless exempted by the Head of the School offering the course:

(a) regularly attend the prescribed lectures, tutorials, workshops and seminars *and*

(b) undertake such computing work, project work, practical work, field work and case studies, do such reading, written and oral work and pass such examinations as the Head of the School offering the course may prescribe.

5.6 Academic program

The following shall be courses for the Graduate Diploma in Engineering (Structural Engineering):

Group A - Compulsory Courses

C&ENVENG 5062 Structural Design III (Concrete)	3
C&ENVENG 5063 Structural Design III (Steel)	3
C&ENVENG 6020A/B Advanced Structural Investigation	6

Group B - Elective Courses

C&ENVENG 5065 Advanced Steel and Concrete Construction and Design	3
C&ENVENG 5055 Advanced Steel Design N	3
C&ENVENG 5056 Computer Methods of Structural Analysis and Design	3
C&ENVENG 5057 Design of Concrete Structures N	3
C&ENVENG 5058 Earthquake Engineering & Design	3
C&ENVENG 5059 Special Topics in Structural Engineering IV N	3
C&ENVENG 5060 Fundamental Steel Design	3

5.7 Graduation

Subject to Chapter 89 of the Statutes, candidates who have satisfied the requirements for any award of the University shall be admitted to that award at a graduation ceremony for the purpose.

6 Special circumstances

When in the opinion of the relevant Faculty special circumstances exist, the Council, on the recommendation of the Faculty in each case, may vary any of the provisions of the Academic Program Rules for any particular award.

Graduate Diploma in Science and Technology Commercialisation

Note: Postgraduate tuition fees apply to this program.

Academic Program Rules

1 Duration of program

The Graduate Diploma can be completed in one year or participants can study at their own pace provided the eight courses are completed within 4 years.

2 Admission

2.1 An applicant for admission to the program for the Graduate Diploma in Science and Technology Commercialisation shall have qualified for the degree of the University or another institution accepted by the University for the purpose as equivalent, shall have had at least 5 years approved professional work experience, and shall have demonstrated to the satisfaction of the University to have the capacity and experience to benefit from the program.

2.2 The Faculty may, subject to such conditions as it may see fit to impose in each case, accept as a candidate for the Graduate Diploma a person who does not satisfy the requirements of Rule 2.1 above but who has presented evidence satisfactory to the Faculty of fitness to undertake work for the Graduate Diploma.

2.3 Status, exemption and credit transfer

With the exception of the Graduate Certificate in Science and Technology Commercialisation (see 2.4 below), candidates who have previously passed courses in postgraduate awards or equivalent at the University of Adelaide or another university and who wish to count such courses towards the Graduate Diploma in Science and Technology Commercialisation may, on written application to the Faculty, be granted such status as the Faculty shall determine, to a maximum aggregate value of six (6) units.

2.4 Articulation with other awards

2.4.1 A candidate who has been admitted to the Graduate Certificate in Science and Technology Commercialisation and who wishes to count courses presented for the Graduate Certificate toward the Graduate Diploma must surrender the Graduate Certificate before being admitted to the Graduate Diploma in Science and Technology Commercialisation.

2.4.2 A candidate for the degree of Master of Science and Technology Commercialisation who satisfies the requirements for Graduate Diploma but who does not complete the requirements for the Masters degree may be admitted to the Graduate Diploma in Science and Technology Commercialisation.

3 Assessment and examinations

3.1 There shall be four classifications of pass in any course for the Graduate Diploma: Pass with High Distinction; Pass with Distinction; Pass with Credit; and Pass. The Diploma Project shall be assessed on a Satisfactory/Unsatisfactory basis.

3.2 A candidate shall not be eligible to be assessed, by examination or otherwise, unless the prescribed work has been completed to the satisfaction of the teaching staff concerned.

3.3 A candidate who fails a course and wishes to repeat that course, shall, unless exempted partially therefrom by the Faculty, again complete the required work in the course to the satisfaction of the teaching staff concerned.

3.4 A candidate who has failed a course twice may not re-enrol in that course except by special permission of the Faculty and then only under such conditions as may be prescribed.

3.5 For the purpose of this Rule, a candidate who is refused permission to sit for examination shall be deemed to have failed the examination.

4 Qualification requirements

4.1 Academic program

To qualify for the Graduate Diploma, a candidate shall satisfactorily complete courses to the value of 24 units of which at least 18 units are core courses.

4.1.1 Core courses

TECHCOMM 5001 Marketing Technological Innovation	3
TECHCOMM 5002 Managing Product Design and Development	3

TECHCOMM 5003 Strategic Analysis for Technology Commercialisation	3
TECHCOMM 5005 Financing Commercialisation	3
TECHCOMM 5006 Technology Management and Transfer	3
TECHCOMM 5007 Legal Issues of the Commercialisation Process	3
TECHCOMM 5008 Leading and Managing	3
TECHCOMM 5011 Internationalisation of Technology	3

4.1.2. Elective courses

TECHCOMM 5004 Managing Risk	3
TECHCOMM 5009 Business and Contract Management	3
TECHCOMM 5012 Integrated Logistics Support	3
TECHCOMM 5021 Applied Project Management 1	3

4.2 Unacceptable combination of courses

No candidate will be permitted to count towards an award any course, together with any other course, which, in the opinion of the Faculty concerned, contains a substantial amount of the same material; and no course or portion of a course may be counted twice towards an award.

4.3 Graduation

Subject to Chapter 89 of the Statutes, candidates who have satisfied the requirements for any award of the University shall be admitted to that award at a graduation ceremony for the purpose.

5 Special circumstances

When in the opinion of the relevant Faculty special circumstances exist, the Council, on the recommendation of the Faculty in each case, may vary any of the provisions of the Academic Program Rules for any particular award.

Master of Applied Science

Academic Program Rules

1 General

1.1 This document must be read in conjunction with:

(a) the General Academic Program Rules for Master by Research Programs (see under Adelaide Graduate Centre, p.8) *and*

(b) the Code of Practice for Maintaining and Monitoring Academic Quality and Standards in Higher Degrees by Research, published by the Adelaide Graduate Centre.

These documents explain procedures to be followed and contain guidelines on supervision and research for the degree of Doctor of Philosophy and the various Masters Degrees by Research, offered by the University.

All students must comply with both the General Academic Rules and the rules following below, and procedures outlined in the Code of Practice.

In addition to the General Academic Program Rules for Masters by Research degrees, in this publication, the following discipline specific rules apply.

2 Admission

2.1 In addition to General Academic Program Rule 5.1 on Admission, applicants for admission to candidature for the Master of Applied Science must hold:

(a) an Honours degree of Bachelor of Science, Applied Science or Agricultural Science *or*

(b) a qualification accepted by the Board of Research Education and Development as being equivalent to the Honours degree of Bachelor of Science, Applied Science or Agricultural Science *or*

(c) a degree of Bachelor of Science, Applied Science or Agricultural Science or a qualification accepted by the Board as being equivalent. Candidates admitted under this Rule may not be awarded the degree before the expiration of two years from the date of qualification for candidature and will be required to undertake qualifying work as specified in General Program Rule 5.2.

2.2 Mode of study

Further to General Academic Program Rule 4.1, subject to such conditions as it may determine in each case, the Board of Research Education and Development may permit project work to be undertaken outside the University provided that it can be satisfied:

(a) that this will result in mutual academic benefit to the candidate and the candidate's supervising school

(b) that there will be adequate contact and interaction between the candidate and the candidate's supervising school *and*

(c) that the supervisor's access to any experimental work, the candidate's availability for seminars and other discussions, and the publication of results will not thereby be prejudiced.

2.3 Program of Study

In addition to General Academic Program Rule 17.1, a program of study for the Master of Applied Science may contain a combination of coursework and project work. Currently two options are offered.

To qualify for the degree, a candidate shall satisfactorily complete a program of study consisting of one of the following approved options:

(a) an all-research work program comprising Supervised Project Work to the value of 24 units

(b) a two-thirds research program comprising Supervised Project Work to the value of 16 units and coursework to the value of 8 units.

2.4 Classification of courses

Courses forming part of any coursework component for the degree shall be classified as follows:

Group A: Postgraduate courses

These are courses offered at a postgraduate level either in the Faculty of Engineering, Computer and Mathematical Sciences, in another faculty or school, or at another Institution. These include postgraduate courses in the Faculty of Engineering, Computer and Mathematical Sciences, Honours and approved postgraduate diploma courses in the Faculty of Sciences and postgraduate courses at Flinders University or the University of South Australia.

Group B: Advanced level courses

These are courses in Engineering which have been designated as 'Advanced Level' by the School concerned. They are courses which reach an advanced level of expertise in the course material.

Subject to the approval of the Faculty, courses from outside Engineering may also be included in this category.

Group C: Ordinary level courses

These are courses at either Level III or Level IV in the Faculty of Engineering, Computer and Mathematical Sciences which are not designated 'Advanced Level', or courses at Level III in the Faculty of Sciences, or approved final year undergraduate courses from other Faculties or institutions.

2.5 Coursework requirements

2.5.1 A candidate seeking to enrol in a program of study with a coursework component shall, after consulting the Head of the school (or nominee) in which the majority of the candidate's work falls, submit the proposed program to the Faculty for approval.

2.5.2 The program for a two-thirds research and one-third coursework degree may not contain more than a total of 6 units of courses from Groups B and C and may not contain more than 6 units of courses from outside the discipline of Engineering.

* For the purposes of this policy, the discipline of Engineering is deemed to include all Centres and joint ventures of which the discipline, or its constituent schools, is a formal partner.

2.5.3 A coursework program may contain greater than the minimum number of required units, in which case the determination of whether the coursework requirements have been satisfied or not will include only the best results from eligible courses amounting to the required number of units.

2.5.4 There shall be four classifications of pass in each course for the Master of Applied Science: Pass with High Distinction, Pass with Distinction, Pass with Credit, and Pass. If a course has a Conceded Pass classification for the purpose of another award, any such course passed with this classification shall not count towards the requirements for the degree of Master of Applied Science.

2.5.5 A course shall be eligible to be counted for credit towards the coursework requirements of the degree if:

(a) In Groups A and B the grade obtained is at Pass standard (50%) or higher

(b) In Group C the grade obtained is 60% or higher.

2.5.6 To satisfy the coursework requirements of the degree, a candidate must obtain a weighted average, taken over the best results in eligible courses which together amount to the required number of units, of at least 55%.

2.5.7 Courses which have been presented as part of the requirements for any other award of this University or other institution or courses which in the opinion of the Faculty are substantially similar to such courses, will not be permitted to count for credit towards the coursework requirements of this degree.

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2.6 Courses of study

The courses of study for the Master of Applied Science are the same as those for the Master of Engineering Science.

Master of Engineering (Chemical Engineering)
Master of Engineering (Civil Engineering)
Master of Engineering (Electrical Engineering)
Master of Engineering (Engineering Mathematics)
Master of Engineering (Environmental Engineering)
Master of Engineering (Mechanical Engineering)

Note: Postgraduate tuition fees apply to this program.

Academic Program Rules

1 General

The Master of Engineering shall be available in the disciplines of:

(Chemical)

(Civil)

(Electrical)

(Engineering Mathematics)

(Environmental)

(Mechanical).

2 Duration of program

Except with permission of the Faculty, the program for the Master of Engineering shall be completed in two semesters of full-time study, or up to eight semesters of part-time study.

3 Admission

3.1 Except as provided for in 3.2 below, an applicant for admission to the program shall:

(a) have qualified for the degree of Bachelor of Engineering from the University of Adelaide in a discipline related to the proposed field of study.

(b) have qualified for an award accepted by the Faculty of Engineering, Computer and Mathematical Sciences as being equivalent to the degree of Bachelor of Engineering in a discipline related to the proposed field of study.

3.2 The Faculty may, in exceptional circumstances and subject to such conditions (if any) as it may see fit to impose, accept as a candidate for the degree of Master of Engineering, a person who does not qualify 3.1 above, but has given evidence satisfactory to the Faculty of fitness to undertake work for the degree.

3.3 Status or exemption

A candidate may not present for credit towards the degree any course which has been presented as part of the requirements for any other award of this University or other institution, or which in the opinion of the Faculty is substantially similar to such course.

4 Assessment and examinations

4.1 There shall be four classifications of pass in any course for the Master of Engineering: Pass with High Distinction, Pass with Distinction, Pass with Credit, and Pass. Courses passed with a Conceded Pass classification may not be counted towards the requirements for the degree of Master of Engineering.

4.2 To satisfy the requirements of the degree, a candidate must obtain a weighted average taken over the best results in eligible courses which together amount to the required number of units, of at least 55%.

4.3 A candidate shall not be eligible to attend for examination unless any prescribed coursework has been completed to the satisfaction of the teaching staff concerned.

4.4 A candidate who fails in a course and desires to take the course again shall again attend the course and satisfactorily do such written and practical work as the teaching staff concerned may prescribe, unless specifically exempted therefrom after written application to the Faculty for such exemption.

4.5 A candidate who has twice failed any course may not enrol for that course again except by special permission of the Faculty and then only under such conditions as may be prescribed.

4.6 For the purpose of this Rule, a candidate who is refused permission to sit for the assessment for a given course, or who without a reason accepted by the Executive Dean of the Faculty (or nominee) fails to attend all or part of the assessment, shall be deemed to have failed that course.

5 Qualification requirements

5.1 To qualify for the degree of Master of Engineering, a candidate shall satisfactorily complete courses to a total value of at least 24 units including core courses from Group A to the value of 12 units and elective courses from Group B in one of the specified disciplines, to a value of at least 12 units.

Candidates must have their program of studies approved by the Head of School or nominee at enrolment.

5.2 Academic program

Group A: Core courses

APP MTH 7053 Statistics in Engineering	3
either	
APP MTH 7054 System Modelling & Simulation	3
or	
COMP SCI 7077 System Modelling & Simulation	3
and two of the following	
ENTRSHIP 5008 Leading and Managing	3
ENTRSHIP 5016 Entrepreneurship & Innovation	3
ENTRSHIP 5021 Applied Project Management I	3

Group B: Elective courses

Chemical Engineering	
CHEM ENG 7000 Minerals Processing	3
CHEM ENG 7004 Biochemical Engineering	3
CHEM ENG 7005 Reaction Engineering	3
CHEM ENG 7007 Particulate Technology	3
CHEM ENG 7008 Combustion Processes	3
CHEM ENG 7009 Plant & Safety Engineering	3
CHEM ENG 7011 Industrial Rheology	3
CHEM ENG 7012 Environmental Engineering	3
CHEM ENG 7021 Special Studies in Chemical Engineering	3
Civil Engineering	
C&ENVENG 7030 Steel Design	3
C&ENVENG 7031 Concrete Design	3
C&ENVENG 7032 Composite Steel & Concrete Construction & Design	3
C&ENVENG 7033 Earthquake Engineering & Design	3
C&ENVENG 7034 Foundation Engineering & Design	3
C&ENVENG 7035 Footing Design & Soil Variability	3
C&ENVENG 7036 Water Resources Management & Design	3
C&ENVENG 7037 Water Distribution Systems & Design	3
C&ENVENG 7038 Coastal Engineering & Design	3
C&ENVENG 7039 Special Studies in Civil Engineering	3
Environmental Engineering	
C&ENVENG 7027 Wastewater Engineering & Design	3
C&ENVENG 7028 Waste Management Analysis & Design	3
C&ENVENG 7029 Environmental Processes, Modelling & Design	3
C&ENVENG 7036 Water Resources Management & Design	3
C&ENVENG 7037 Water Distribution Systems & Design	3
C&ENVENG 7038 Coastal Engineering & Design	3
C&ENVENG 7040 Special Studies in Environmental Engineering	3
Electrical Engineering	
APP MTH 7026 Communication Network Design (Masters)	3
APP MTH 7056 Telecommunications Systems Modelling III	3
ELEC ENG 7017 Beamforming & Array Processing	3
ELEC ENG 7033 Principles of RF Engineering	3
ELEC ENG 7044 Multimedia Communications	3
ELEC ENG 7045 Photonics for Communications	3
ELEC ENG 7046 Power Quality and Fault Diagnostics	3
ELEC ENG 7047 Special Studies in Electrical Engineering	3
Engineering Mathematics	
APP MTH 7026 Communication Network Design (Masters)	3
APP MTH 7050 Aerodynamics	3
APP MTH 7052 Computational Fluid Dynamics (Engineering)	3
APP MTH 7055 Game Theory	3
APP MTH 7056 Telecommunications Systems Modelling III	3
APP MTH 7057 Special Studies in Engineering Mathematics	3
ELEC ENG 7015 Optimal and Adaptive Signal Processing	3
Mechanical Engineering	
APP MTH7050 Aerodynamics	3
APP MTH 7052 Computational Fluid Dynamics (Engineering)	3
MECH ENG 7018 Special Studies in Mechanical Engineering	3

MECH ENG 7019 Automotive Engineering	3
MECH ENG 7020 Materials Selection & Failure Analysis	3
MECH ENG 7021 Combustion Technology & Emissions Control	3
MECH ENG 7022 Fundamentals of Non-Linear Computational Mechanics	3
MECH ENG 7023 Fracture Mechanics	3
MECH ENG 7024 Robotics M	3
MECH ENG 7025 Topics in Welded Structures	3
MECH ENG 7026 Advanced Topics in Fluid Mechanics	3
MECH ENG 7027 Engineering Acoustics	3
MECH ENG 7028 Advanced Automatic Control	3
MECH ENG 7029 Airconditioning	3
MECH ENG 7030 Advanced Vibrations	3
MECH ENG 7031 Aerospace Navigation and Guidance	3

The availability of all elective courses is conditional on the availability of staff and facilities and sufficient enrolments.

Other relevant courses may be presented towards the requirements of the Master of Engineering with the approval of the Head of the relevant discipline.

5.2 Unacceptable combination of courses

No candidate will be permitted to count towards an award any course, together with any other course, which, in the opinion of the Faculty concerned, contains a substantial amount of the same material; and no course or portion of a course may be counted twice towards an award.

5.3 Graduation

Subject to Chapter 89 of the Statutes, candidates who have satisfied the requirements for any award of the University shall be admitted to that award at a graduation ceremony for the purpose.

6 Special circumstances

When in the opinion of the relevant Faculty special circumstances exist, the Council, on the recommendation of the Faculty in each case, may vary any of the provisions of the Academic Program Rules for any particular award.

Master of Engineering (Fuels, Combustion and Emission Control)

Note: Postgraduate tuition fees apply to this program.

Academic Program Rules

1 Duration of program

Except with the special permission of the Faculty, the program for the Master of Engineering (Fuels, Combustion and Emission Control) shall be completed in not less than three semesters and not more than six semesters of full-time study, or not less than six and not more than twelve semesters of part-time study.

2 Admission

2.1 Except as provided for in 2.2 below, an applicant for admission to the program shall:

(a) have qualified in the University of Adelaide for the degree of Bachelor of Engineering (Chemical) or (Mechanical), or Honours degree of Bachelor of Engineering other than the Bachelor of Engineering (Chemical) or (Mechanical), or Honours degree of Bachelor of Science *or*

(b) have qualified for an award accepted by the Faculty of Engineering, Computer and Mathematical Sciences as being equivalent academically and professionally to one of the degrees described in clause 2.1.(a) above *or*

(c) have qualified in the University of Adelaide for the degree of Bachelor of Engineering or Bachelor of Science, or for an award accepted by the Faculty as being equivalent to one of those degrees, and have in addition successfully undertaken advanced studies and/or work in an appropriate area which is considered by the Faculty to be an adequate preparation for candidature.

2.2 The Faculty may, in exceptional circumstances and subject to such conditions (if any) as it may see fit to impose, accept as a candidate for the degree of Master of Engineering (Fuels, Combustion and Emission Control), a person who does not qualify under 2.1 above, but has given evidence satisfactory to the Faculty of fitness to undertake work for the degree.

2.3 Status or exemption

A candidate may not present for credit towards the degree any course which has been presented as part of the requirements for any other award of this University or other institution, or which in the opinion of the Faculty is substantially similar to such course.

3 Assessment and examinations

3.1 There shall be four classifications of pass in each course for the Master of Engineering: Pass with High Distinction, Pass with Distinction, Pass with Credit, and Pass.

3.2 A candidate shall not be eligible to attend for examination unless the prescribed work has been completed to the satisfaction of the teaching staff concerned.

3.3 A candidate who fails in a course and desires to take the course again shall again attend lectures and satisfactorily do such written and practical work as the teaching staff concerned may prescribe, unless specifically exempted therefrom after written application to the Faculty for such exemption.

3.4 A candidate who has twice failed any course may not enrol for that course again except by special permission of the Faculty and then only under such conditions as may be prescribed.

3.5 For the purpose of this Rule a candidate who is refused permission to sit for examination, or who without a reason accepted by the Executive Dean of the Faculty (or nominee) fails to attend all or part of a final examination (or supplementary examination if granted) after remaining enrolled for at least eight teaching weeks of that semester, shall be deemed to have failed the examination.

4 Qualification requirements

4.1 To qualify for the degree of Master of Engineering (Fuels, Combustion and Emission Control), a candidate shall satisfactorily complete all courses in Group A plus courses from Group B in one of three modules below, to the total value of at least 36 units.

Notes

1 Each year the School of Chemical Engineering shall determine which of the elective courses in Group B will be offered and in which semester they will be offered.

2 With approval from the Head of School of Chemical Engineering, a student may undertake a limited number of courses offered by other Schools or Faculties, or by other institutions, to replace some of the elective courses in Group B.

4.2 Academic program

Group A: Core courses

CHEM ENG 5008 Combustion Heat Transfer	2
CHEM ENG 5013 Fuels and Combustion Technology	2
CHEM ENG 5016 Instrumentation and Control for Combustion Processes	2
CHEM ENG 5017 Introduction to Combustion Phenomena	3
CHEM ENG 6006 Chemical Reactions and Pollutant Formation	2
CHEM ENG 6009 Fuels and Combustion Laboratory Projects II	5
CHEM ENG 6010 Fuels and Combustion Seminars	2
CHEM ENG 7001 Advanced Combustion Aerodynamics	2
CHEM ENG 7002 Advanced Research/Design Projects	12

Group B: Elective courses

General

CHEM ENG 5009 Combustion for High Temperature Processing	2
CHEM ENG 5010 Combustion Plant Safety and Management	2
CHEM ENG 7003 Advanced Combustion Diagnostic Techniques	2
CHEM ENG 7019 Advanced Combustion Emission Control	2
CHEM ENG 7020 New and Alternative Fuels	2

Coal

CHEM ENG 5006 Coal Combustion in Furnaces	2
CHEM ENG 5007 Coal Conversion Processes other than Combustion	2
CHEM ENG 6007 Coal Properties and Characterisation	2

Gas and Oil

CHEM ENG 5019 Oil and Gas Combustion Technology	2
CHEM ENG 6008 Energy Management & Conversion	2

4.3 No candidate will be permitted to count towards an award any course, together with any other course, which, in the opinion of the Faculty concerned, contains a substantial amount of the same material; and no course or portion of a course may be counted twice towards an award.

4.4 Graduation

Subject to Chapter 89 of the Statutes, candidates who have satisfied the requirements for any award of the University shall be admitted to that award at a graduation ceremony for the purpose.

5 Special circumstances

When in the opinion of the relevant Faculty special circumstances exist, the Council, on the recommendation of the Faculty in each case, may vary any of the provisions of the Academic Program Rules for any particular award.

Master of Engineering (Radio Frequency Engineering)

Note: Postgraduate tuition fees apply to this program. It is not expected that there will be an intake into the program in 2004.

Academic Program Rules

1 Duration of program

The program for the Master of Engineering (Radio Frequency Engineering) shall be offered on a part-time basis only. It is expected that candidates will be able to complete the program in a minimum of six semesters of part-time study.

2 Admission

2.1 Except as provided in 2.2 below, an applicant for admission to the program shall:

(a) have qualified in the University of Adelaide for the degree of Bachelor of Engineering in Electrical & Electronic or Computer Systems Engineering *or*

(b) have qualified for an award accepted by the Faculty of Engineering, Computer and Mathematical Sciences as being equivalent academically and professionally to the degree of Bachelor of Engineering in Electrical & Electronic or Computer Systems Engineering at the University of Adelaide.

2.2 Subject to the approval of the Council, the Faculty may, in exceptional circumstances and subject to such conditions (if any) as it may see fit to impose, accept as a candidate for the Master of Engineering (Radio Frequency Engineering), a person who does not qualify under 2.1 above, but has given evidence satisfactory to the Faculty of fitness to undertake work for the Master of Engineering.

2.3 Status or Exemption

A candidate may not present for credit towards the Master of Engineering any course which has been presented as part of the requirements for any other award of this University or other institution, or which in the opinion of the Faculty is substantially similar to such course.

3 Assessment and examinations

3.1 There shall be four classifications of pass in each core course for the Master of Engineering: Pass with High Distinction, Pass with Distinction, Pass with Credit, and Pass. The Directed Readings and Research Project shall be assessed on a satisfactory/unsatisfactory basis.

3.2 A candidate shall not be eligible to attend for examination unless the prescribed work has been completed to the satisfaction of the teaching staff concerned.

3.3 A candidate who fails in a course and desires to take the course again shall again attend lectures and satisfactorily do such written and practical work as the teaching staff concerned may prescribe, unless specifically exempted therefrom after written application to the Faculty for such exemption.

3.4 A candidate who has twice failed any course may not enrol for that course again except by special permission of the Faculty and then only under such conditions as may be prescribed.

3.5 For the purpose of this Rule a candidate who is refused permission to sit for examination, or who without a reason accepted by the Executive Dean of the Faculty (or nominee) fails to attend all or part of a final examination (or supplementary examination if granted) after remaining enrolled for at least eight teaching weeks of that semester, shall be deemed to have failed the examination.

3.6 The Research Project shall be approved by the Head of Electrical and Electronic Engineering and be conducted under the supervision of a member of the academic staff of the University of Adelaide.

3.7 The Faculty may permit the Research Project to be undertaken outside the University provided there will be adequate contact and interaction between the candidate and the candidate's supervisor.

4 Qualification requirements

4.1 Academic program

To qualify for the Master of Engineering (Radio Frequency Engineering) a candidate shall satisfactorily complete the courses listed below, to a total value of 36 units:

4.1.1 Core courses

ELEC ENG 6000 Antennas and Propagation	3
ELEC ENG 6001 CAD of RF Circuits and Systems	3
ELEC ENG 6002 Introduction to RF Design	4
ELEC ENG 6005 RF Measurements and Testing	3
ELEC ENG 6006 Transmission Lines & Waveguides	3

4.1.2 Directed readings

ELEC ENG 6003 Readings in RF Engineering 2	4
ELEC ENG 6004 Readings in RF Engineering 1	4

4.1.3 Research project

ELEC ENG 7019 RF Engineering Research Project 12

4.2 Unacceptable combination of courses

No candidate will be permitted to count towards an award any course, together with any other course, which, in the opinion of the Faculty concerned, contains a substantial amount of the same material; and no course or portion of a course may be counted twice towards an award.

4.3 Graduation

Subject to Chapter 89 of the Statutes, candidates who have satisfied the requirements for any award of the University shall be admitted to that award at a graduation ceremony for the purpose.

5 Special circumstances

When in the opinion of the relevant Faculty special circumstances exist, the Council, on the recommendation of the Faculty in each case, may vary any of the provisions of the Academic Program Rules for any particular award.

Master of Engineering Science

Academic Program Rules

1 General

1.1 This document must be read in conjunction with:

(a) the General Academic Program Rules for Master by Research Programs (see under Adelaide Graduate Centre, p.8) *and*

(b) the Code of Practice for Maintaining and Monitoring Academic Quality and Standards in Higher Degrees by Research, published by the Adelaide Graduate Centre.

These documents explain procedures to be followed and contain guidelines on supervision and research for the degree of Doctor of Philosophy and the various Masters Degrees by Research, offered by the University.

All students must comply with both the General Academic Rules and the rules following below, and procedures outlined in the Code of Practice.

In addition to the General Academic Program Rules for Masters by Research degrees, in this publication, the following discipline specific rules apply.

2 Admission

2.1 In addition to General Academic Program Rule 5.1 on Admission, applicants for admission to candidature for the Master of Engineering Science must hold

(a) a degree of Bachelor of Engineering in the Honours grade from the University of Adelaide *or*

(b) a qualification accepted by the Board of Research Education and Development as being equivalent to a degree of Bachelor of Engineering in the Honours grade from the University of Adelaide *or*

(c) a degree of Bachelor of Engineering in the Pass grade or a qualification accepted by the Board as being equivalent to the degree of Bachelor of Engineering in the Pass grade from the University of Adelaide, and who has, in addition, successfully undertaken advanced studies and/or work in engineering practice which is considered by the Board to be an adequate preparation for candidature. Candidates admitted under this Rule may be required to undertake qualifying work as prescribed by the Board.

2.2 Mode of study

In addition to General Academic Program Rule 4.1, subject to such conditions as it may determine in each case, the Board of Research Education and Development may permit project work to be undertaken outside the University provided that it can be satisfied:

(a) that this will result in mutual academic benefit to the candidate and the candidate's supervising school

(b) that there will be adequate contact and interaction between the candidate and the candidate's supervising school *and*

(c) that the supervisor's access to any experimental work, the candidate's availability for seminars and other discussions, and the publication of results will not thereby be prejudiced.

2.3 Program of Study

In addition to General Academic Program Rule 17.1, a program of study for the Master of Engineering Science may contain a combination of coursework and project work. Currently two options are offered:

To qualify for the degree, a candidate shall satisfactorily complete a program of study consisting of one of the following approved options:

(a) an all-research work program comprising Supervised Project Work to the value of 24 units or

(b) a two-thirds research program comprising Supervised Project Work to the value of 16 units and coursework to the value of 8 units.

2.4 Classification of courses

Courses forming part of any coursework component for the degree shall be classified as follows:

Group A: Postgraduate courses

These are courses offered at a postgraduate level either in the Faculty of Engineering, Computer and Mathematical Sciences, in another faculty or school, or at another Institution. These include postgraduate courses in the Faculty of Engineering, Computer and Mathematical Sciences, Honours and approved postgraduate diploma courses in the Faculty of Sciences and postgraduate courses at Flinders University or the University of South Australia.

Group B: Advanced level courses

These are courses in Engineering which have been designated as 'Advanced Level' by the School concerned. They are courses which reach an advanced level of expertise in the course material.

Subject to the approval of the Faculty, courses from outside Engineering may also be included in this category.

Group C: Ordinary level courses

These are courses at either Level III or Level IV in the Faculty of Engineering, Computer and Mathematical Sciences which are not designated 'Advanced Level', or courses at Level III in the Faculty of Sciences, or approved final year undergraduate courses from other Faculties or institutions.

2.5 Coursework requirements

2.5.1 A candidate seeking to enrol in a program of study with a coursework component shall, after consulting the Head of the school (or nominee) in which the majority of the candidate's work falls, submit the proposed program to the Board for approval.

2.5.2 The program for a two-thirds research and one-third coursework may not contain more than a total of 6 units of courses from Groups B and C and may not contain more than 6 units of courses from outside the discipline of Engineering.

* For the purposes of this policy, the discipline of Engineering is deemed to include all Centres and joint ventures of which the discipline, or its constituent schools, is a formal partner.

2.5.3 A coursework program may contain greater than the minimum number of required units, in which case the determination of whether the coursework requirements have been satisfied or not will include only the best results from eligible courses amounting to the required number of units.

2.5.4 There shall be four classifications of pass in each course for the Master of Engineering Science: Pass with High Distinction, Pass with Distinction, Pass with Credit, and Pass. If a course has a Conceded Pass classification for the purpose of another award, any such course passed with this classification shall not count towards the requirements for the degree of Master of Engineering Science.

2.5.5 A course shall be eligible to be counted for credit towards the coursework requirements of the degree if:

(a) in Groups A and B the grade obtained is at Pass standard (50%) or higher

(b) in Group C the grade obtained is 60% or higher.

2.5.6 To satisfy the coursework requirements of the degree, a candidate must obtain a weighted average, taken over the best results in eligible courses which together amount to the required number of units, of at least 55%.

2.5.7 Courses which have been presented as part of the requirements for any other award of this University or other institution or courses which in the opinion of the Faculty are substantially similar to such courses, will not be permitted to count for credit towards the coursework requirements of this degree.

2.6 Academic program

The following shall be the courses for the Master of Engineering Science:

Group A: Postgraduate courses

Chemical Engineering

CHEM ENG 7000 Minerals Processing	3
CHEM ENG 7004 Biochemical Engineering	3
CHEM ENG 7005 Reaction Engineering	3
CHEM ENG 7007 Particulate Technology	3
CHEM ENG 7008 Combustion Processes	3
CHEM ENG 7009 Plant & Safety Engineering	3
CHEM ENG 7011 Industrial Rheology	3
CHEM ENG 7012 Environmental Engineering	3
CHEM ENG 7021 Special Studies in Chemical Engineering	3

Civil & Environmental Engineering

C&ENVENG 7027 Wastewater Engineering & Design	3
C&ENVENG 7028 Waste Management Analysis & Design	3
C&ENVENG 7029 Environmental Processes, Modelling & Design	3
C&ENVENG 7030 Steel Design	3
C&ENVENG 7031 Concrete Design	3
C&ENVENG 7032 Composite Steel & Concrete Construction & Design	3
C&ENVENG 7033 Earthquake Engineering & Design	3
C&ENVENG 7034 Foundation Engineering & Design	3
C&ENVENG 7035 Footing Design & Soil Variability	3
C&ENVENG 7036 Water Resources Management & Design	3
C&ENVENG 7037 Water Distribution Systems & Design	3
C&ENVENG 7038 Coastal Engineering & Design	3
C&ENVENG 7039 Special Studies in Civil Engineering	3
C&ENVENG 7040 Special Studies in Environmental Engineering	3

Electrical & Electronic Engineering

ELEC ENG 7015 Optimal and Adaptive Signal Processing	3
ELEC ENG 7017 Beamforming & Array Processing	3
ELEC ENG 7033 Principles of RF Engineering	3
ELEC ENG 7044 Multimedia Communications	3
ELEC ENG 7045 Photonics for Communications	3

ELEC ENG 7046 Power Quality and Fault Diagnostics 3

ELEC ENG 7047 Special Studies in Electrical Engineering 3

Education Centre for Innovation & Commercialisation (ECIC)

ENTRSHIP 5008 Leading and Managing 3

ENTRSHIP 5016 Entrepreneurship & Innovation 3

ENTRSHIP 5017 New Enterprise Financial Management 3

ENTRSHIP 5018 Opportunity Assessment 3

ENTRSHIP 5019 New Enterprise Marketing 3

ENTRSHIP 5020 New Enterprise Operations 3

ENTRSHIP 5021 Applied Project Management 1 3

Mathematical and Computer Sciences

APP MTH 7014 Modelling Telecommunication Traffic 2

APP MTH 7026 Communication Network Design (Masters) 3

APP MTH 7043 Transform Methods & Signal Processing 2

APP MTH 7050 Aerodynamics 3

APP MTH 7052 Computational Fluid Dynamics (Engineering) 3

APP MTH 7055 Game Theory 3

APP MTH 7056 Telecommunications Systems Modelling III 3

APP MTH 7057 Special Studies in Engineering Mathematics 3

PURE MTH 7041 Mathematical Coding & Cryptology 2

Mechanical Engineering

MECH ENG 7018 Special Studies in Mechanical Engineering 3

MECH ENG 7019 Automotive Engineering 3

MECH ENG 7020 Materials Selection & Failure Analysis 3

MECH ENG 7021 Combustion Technology & Emissions Control 3

MECH ENG 7022 Fundamentals of Non-Linear Computational Mechanics 3

MECH ENG 7023 Fracture Mechanics 3

MECH ENG 7024 Robotics M 3

MECH ENG 7025 Topics in Welded Structures 3

MECH ENG 7026 Advanced Topics in Fluid Mechanics 3

MECH ENG 7027 Engineering Acoustics 3

MECH ENG 7028 Advanced Automatic Control 3

MECH ENG 7029 Airconditioning 3

MECH ENG 7030 Advanced Vibrations 3

MECH ENG 7031 Aerospace Navigation and Guidance 3

Petroleum Engineering and Management

PETROENG 7000 Development Geology and Seismic Method 2

PETROENG 7001 Petrophysics 2

PETROENG 7002 Reservoir Engineering 2

PETROENG 7003 Production and Facilities Engineering 2

PETROENG 7004 Well Completion and Stimulation 2

PETROENG 7006 Economic Evaluation 2

PETROENG 7008 Integrated Field Development Planning 2

PETROENG 7023 Project Management 2

PETROENG 7029 Drilling Engineering and Operations 2

PETROENG 7031 Reservoir Characterisation and Modelling 2

PETROENG 7032 Integrated Reservoir Management 2

PETROENG 7033 Integrated Field Development & Economics Project 2

Group B: Advanced courses

Level IV Engineering courses, which have been designated as 'Advanced Level' by the School concerned; details available from the Schools.

Group C: Ordinary Level courses

Level III and IV courses (not included above) in the Faculties of Engineering, Computer and Mathematical Sciences, and Sciences.

Notwithstanding the above, the availability of all courses is conditional on the availability of staff and facilities and sufficient enrolments.

Master of Entrepreneurship

Note: Postgraduate tuition fees apply to this program.

Academic Program Rules

1 Duration of program

To qualify for the Master of Entrepreneurship a candidate shall satisfactorily complete a program of full-time study extending over at least one year or part-time study extending over at least two years. Except with the permission of the Faculty, the work for the Master of Entrepreneurship shall be completed within four years.

2 Admission

2.1 Except as provided for in 2.2 below, a candidate for admission to the program of study for the Master of Entrepreneurship shall have qualified either for the Graduate Certificate in Business Enterprise (SME); or for a degree of the University or another institution accepted by the University for the purpose as equivalent, and shall have had at least 5 years approved professional work experience.

2.2 The Faculty may, in special cases and subject to such conditions (if any) as it may see fit to impose in each case, accept as a candidate for the degree a person who does not qualify for admission to the program under 2.1 above but has given evidence satisfactory to the Faculty of fitness to undertake work for the degree.

2.3 Status, exemption and credit transfer

Except with the special permission of the Faculty, no candidate will be granted status for any course that he or she has presented for another award other than the Graduate Certificate in Business Enterprise (SME) (see 2.4 below). Such status as may be awarded in exceptional circumstances will only be awarded for graduate level studies.

2.4 Articulation with other awards

A candidate who has been admitted to the Graduate Certificate in Business Enterprise (SME) and who has been granted status toward the Master of Entrepreneurship for courses presented for the Graduate Certificate must surrender the Graduate Certificate before being admitted to the Master of Entrepreneurship.

3 Assessment and examinations

3.1 There shall be four classifications of pass in each course for the Graduate Diploma: Pass with High Distinction, Pass with Distinction, Pass with Credit and Pass.

3.2 A candidate shall not be eligible to attend for examination unless the prescribed work has been completed to the satisfaction of the teaching staff concerned.

3.3 A candidate who fails to pass in a course and desires to take the course again shall again undertake study and satisfactorily do such written and practical work as the teaching staff concerned may prescribe, unless specifically exempted therefrom after written application to the Faculty for such exemption.

3.4 A candidate who has twice failed the examination in any course or division of a course may not enrol for the course again except by special permission of the Faculty and then only under such conditions as may be prescribed.

3.5 For the purpose of this Rule, a candidate who is refused permission to sit for examination, or who fails to attend all or part of a final examination (or supplementary examination if granted) after being enrolled for at least two thirds of the normal period during which the course is taught, shall be deemed to have failed the examination.

4 Qualification requirements

4.1 To qualify for the Master of Entrepreneurship, a candidate shall satisfactorily complete courses to the total value of 24 units, comprising five core courses to the value of 15 units plus elective courses to the value of at least 9 units as given below.

4.1.1 Core courses

TECHCOMM 5016 Entrepreneurship and Innovation	3
TECHCOMM 5017 New Enterprise Financial Management	3
TECHCOMM 5018 Opportunity Assessment	3
TECHCOMM 5019 New Enterprise Marketing	3
TECHCOMM 5020 New Enterprise Operations	3

4.1.2 Elective courses

TECHCOMM 5002 Managing Product Design and Development	3
TECHCOMM 5004 Managing Risk	3
TECHCOMM 5007 Legal Issues of the Commercialisation Process	3
TECHCOMM 5008 Leading and Managing	3
TECHCOMM 5021 Applied Project Management 1	3
TECHCOMM 5025 Commercialisation: Process & Strategy	3
TECHCOMM 5028A/B Project in Entrepreneurship	9
TECHCOMM 5029 Project in Entrepreneurship (6 units)	6
TECHCOMM 5030 Project in Entrepreneurship (3 units)	3

4.2 Unacceptable combination of courses

No candidate will be permitted to count towards an award any course, together with any other course, which, in the opinion of the Faculty concerned, contains a substantial amount of the same material; and no course or portion of a course may be counted twice towards an award.

4.3 Graduation

Subject to Chapter 89 of the Statutes, candidates who have satisfied the requirements for any award of the University shall be admitted to that award at a graduation ceremony for the purpose.

5 Special circumstances

When in the opinion of the relevant Faculty special circumstances exist, the Council, on the recommendation of the Faculty in each case, may vary any of the provisions of the Academic Program Rules for any particular award.

Master of Petroleum Business Management

Note: Postgraduate tuition fees apply to this program.

Academic Program Rules

1 Duration of program

Except with the special permission of the Faculty, the program for the Master of Petroleum Business Management shall be completed in two semesters of full-time study, or up to ten semesters of part-time study. Except with the permission of the Faculty, the requirements of the degree must be completed within 5 years.

2 Admission

2.1 Except as provided for in 2.2 below, an applicant for admission to the program shall have qualified for a degree (in a relevant discipline) of the University or of another institution accepted for this purpose by the Faculty plus have at least two years' approved relevant work experience

2.2 The Faculty may, in exceptional circumstances and subject to such conditions (if any) as it may see fit to impose, accept as a candidate for the degree of Master of Petroleum Business Management, a person who does not qualify under 2.1 above, but has given evidence satisfactory to the Faculty of fitness to undertake work for the degree.

2.3 Status or exemption

A candidate may not present for credit towards the degree any course which has been presented as part of the requirements for any other award of this University or other institution, or which in the opinion of the Faculty is substantially similar to such course.

3 Assessment and examinations

3.1 There shall be four classifications of pass in any course for the Master of Petroleum Business Management: Pass with High Distinction, Pass with Distinction, Pass with Credit, and Pass.

3.2 A candidate shall not be eligible to attend for assessment unless the prescribed work has been completed to the satisfaction of the teaching staff concerned.

3.3 A candidate who fails in a course and desires to take the course again shall again attend that course and satisfactorily do such written and practical work as the teaching staff concerned may prescribe, unless specifically exempted therefrom after written application to the Faculty for such exemption.

3.4 A candidate who has twice failed any course may not enrol for that course again except by special permission of the Faculty and then only under such conditions as may be prescribed.

3.5 For the purpose of this Rule, a candidate who is refused permission to sit for the assessment for a given course, or who without a reason accepted by the Executive Dean of the Faculty (or nominee) fails to attend all or part of the assessment, shall be deemed to have failed that course.

3.6 The Management Project shall be approved by the Head of the Australian School of Petroleum (or nominee) and be conducted under the supervision of a member of the academic staff of the University of Adelaide.

3.7 The Faculty may permit the Management Project to be undertaken outside the University provided there will be adequate contact and interaction between the candidate and the candidate's supervisor.

3.8 Evaluation of the Management Project shall be through the submission of a comprehensive report and a presentation. This evaluation shall be conducted jointly by the School's academic staff and industry practitioners nominated by the academic staff.

4 Qualification requirements

4.1 To qualify for the degree of Master of Petroleum Business Management, a candidate shall satisfactorily complete 8 compulsory courses, plus 2 elective courses to the value of 4 units, plus a Management Project to the value of 4 units, as follows:

4.2 Academic Program

Group A: Compulsory courses

MANAGEMT 7100 Accounting for Managers (MBA)	3
PETROENG 7006 Economic Evaluation	2
PETROENG 7009 Decision-Making	2
PETROENG 7010 Portfolio & Strategic Management	2
PETROENG 7011 Asset Evaluation and Management	2
PETROENG 7012 Oil and Gas Resources and Reserves	2
PETROENG 7014 Management Project	4
PETROENG 7024 People and Organisational Development	2
PETROENG 7036 Managing in a Global Environment	2

Group B: Elective courses

PETROENG 7017 Onshore and Offshore Facilities Concepts	2
PETROENG 7018 Operations and Maintenance Management	2
PETROENG 7019 Well Construction Operations and Management	2
PETROENG 7020 Oil and Gas Marketing and Contracting	2
PETROENG 7021 Fiscal and Regulatory Regimes	2
PETROENG 7022 Mergers and Acquisitions	2
PETROENG 7023 Project Management	2
PETROENG 7025 Health, Safety and Environment	2
PETROENG 7026 Information Technology	2
PETROENG 7027 E-Business	2

* The availability of all courses is conditional on the availability of staff and facilities and sufficient enrolments. Each year the Australian School of Petroleum shall determine which courses will be offered and in which semester they will be offered.

4.3 Unacceptable combination of courses

No candidate will be permitted to count towards an award any course, together with any other course, which, in the opinion of the Faculty concerned, contains a substantial amount of the same material; and no course or portion of a course may be counted twice towards an award.

4.4 Graduation

Subject to Chapter 89 of the Statutes, candidates who have satisfied the requirements for any award of the University shall be admitted to that award at a graduation ceremony for the purpose.

5 Special circumstances

When in the opinion of the relevant Faculty special circumstances exist, the Council, on the recommendation of the Faculty in each case, may vary any of the provisions of the Academic Program Rules for any particular award.

Master of Petroleum Engineering

Note: Postgraduate tuition fees apply to this program.

Academic Program Rules

1 Duration of program

Except with the special permission of the Faculty, the program for the Master of Petroleum Engineering shall be completed in two semesters of full-time study, or up to ten semesters of part-time study.

2 Admission

2.1 Except as provided for in 2.2 below, an applicant for admission to the program shall:

(a) have qualified in the University of Adelaide for the degree of Bachelor of Engineering (Petroleum) and have at least two years' approved relevant work experience *or*

(b) have qualified for an award accepted by the Faculty of Engineering, Computer and Mathematical Sciences as being equivalent academically and professionally to the degree of Bachelor of Engineering (Petroleum) plus have at least two years' approved relevant work experience.

2.2 The Faculty may, in exceptional circumstances and subject to such conditions (if any) as it may see fit to impose, accept as a candidate for the degree of Master of Petroleum Engineering, a person who does not qualify under 2.1 above, but has given evidence satisfactory to the Faculty of fitness to undertake work for the degree.

2.3 Status or exemption

A candidate may not present for credit towards the degree any course which has been presented as part of the requirements for any other award of this University or other institution, or which in the opinion of the Faculty is substantially similar to such course.

3 Assessment and examinations

3.1 There shall be four classifications of pass in any course for the Master of Petroleum Engineering: Pass with High Distinction, Pass with Distinction, Pass with Credit, and Pass.

3.2 A candidate shall not be eligible to attend for examination unless the prescribed work has been completed to the satisfaction of the teaching staff concerned.

3.3 A candidate who fails in a course and desires to take the course again shall again attend the course and satisfactorily do such written and practical work as the teaching staff concerned may prescribe, unless specifically exempted therefrom after written application to the Faculty for such exemption.

3.4 A candidate who has twice failed any course may not enrol for that course again except by special permission of the Faculty and then only under such conditions as may be prescribed.

3.5 For the purpose of this Rule, a candidate who is refused permission to sit for the assessment for a given course, or who without a reason accepted by the Executive Dean of the Faculty (or nominee) fails to attend all or part of the assessment, shall be deemed to have failed that course.

3.6 The Research Project shall be approved by the Head of the Australian School of Petroleum (or nominee) and be conducted under the supervision of a member of the academic staff of the University of Adelaide.

3.7 The Faculty may permit the Research Project to be undertaken outside the University provided there will be adequate contact and interaction between the candidate and the candidate's supervisor.

4 Qualification requirements

4.1 To qualify for the degree of Master of Petroleum Engineering, a candidate shall satisfactorily complete all courses below, to the total value of 24 units, as follows:

PETROENG 7000 Development Geology and Seismic Methods	2
PETROENG 7001 Petrophysics	2
PETROENG 7002 Reservoir Engineering	2
PETROENG 7003 Production and Facilities Engineering	2
PETROENG 7004 Well Completion and Stimulation	2
PETROENG 7006 Economic Evaluation	2
PETROENG 7008 Integrated Field Development Planning	2
PETROENG 7023 Project Management	2
PETROENG 7029 Drilling, Engineering and Operations	2
PETROENG 7031 Reservoir Characterisation & Modelling	2
PETROENG 7032 Integrated Reservoir Management	2
PETROENG 7033 Integrated Field Development & Economic Project	2

4.2 Unacceptable combination of courses

No candidate will be permitted to count towards an award any course, together with any other course, which, in the opinion of the Faculty concerned, contains a substantial amount of the same material; and no course or portion of a course may be counted twice towards an award.

4.3 Graduation

Subject to Chapter 89 of the Statutes, candidates who have satisfied the requirements for any award of the University shall be admitted to that award at a graduation ceremony for the purpose.

5 Special circumstances

When in the opinion of the relevant Faculty special circumstances exist, the Council, on the recommendation of the Faculty in each case, may vary any of the provisions of the Academic Program Rules for any particular award.

Master of Project Management

Note: Postgraduate tuition fees apply to this program.

Academic Program Rules

1 Duration of program

The Master of Project Management can be completed in a minimum of 2 semesters or participants can study at their own pace so long as the coursework for the Master of Project Management is completed within 3 years.

2 Admission

2.1 An applicant for admission to the program for the Master of Project Management shall have qualified for the Graduate Certificate in Project Management; or for a degree of the University or a degree of another institution accepted by the Faculty for the purpose as equivalent to a degree of the University and shall have at least 5 years approved professional work experience.

2.2 The Faculty may, subject to such conditions as it may see fit to impose in each case, accept as a candidate for the Master of Project Management a person who does not satisfy the requirements of Rule 2.1 above but who has presented evidence satisfactory to the Faculty of fitness to undertake work for the Masters.

2.3 Status, exemption and credit transfer

Candidates who have previously passed courses in postgraduate awards or equivalent at the University of Adelaide or another university and who wish to count such courses towards the Master of Project Management may, on written application to the Faculty, be granted such status as the Faculty shall determine, to a maximum aggregate value of twelve (12) units.

2.4 Articulation with other awards

A candidate who has been admitted to the Graduate Certificate in Project Management and who subsequently satisfies the requirements for the Master of Project Management must surrender the Graduate Certificate before being admitted to the Master degree.

3 Assessment and examinations

3.1 There shall be four classifications of pass in any course for the Master degree: Pass with High Distinction; Pass with Distinction; Pass with Credit; and Pass.

3.2 A candidate shall not be eligible to be assessed, by examination or otherwise, unless the prescribed work has been completed to the satisfaction of the teaching staff concerned.

3.3 A candidate who fails a course and wishes to repeat that course, shall, unless exempted partially there from by the Faculty, again complete the required work in the course to the satisfaction of the teaching staff concerned.

3.4 A candidate who has failed a course twice may not re-enrol in that course except by special permission of the Faculty and then only under such conditions as may be prescribed.

3.5 For the purpose of this Rule, a candidate who is refused permission to sit for examination shall be deemed to have failed the examination.

4 Qualification requirements

4.1 To qualify for the Master of Project Management, a candidate shall satisfactorily complete courses to the value of 24 units of which at least 15 units are from the list of core courses.

Note: students should discuss their choice of courses with the Program Coordinator.

4.1.1 Core courses

TECHCOMM 5004 Managing Risk	3
TECHCOMM 5009 Business and Contract Management	3
TECHCOMM 5013 Systems Engineering *	3
TECHCOMM 5015 Project Finance and Accounting	3
TECHCOMM 5021 Applied Project Management 1	3
TECHCOMM 5026 Applied Project Management 2 *	3

* Candidates must undertake either Applied Project Management 2 or Systems Engineering

4.1.2 Elective courses

TECHCOMM 5002 Managing Product Design and Development	3
TECHCOMM 5008 Leading and Managing	3
TECHCOMM 5010 Technology Project Management	3
TECHCOMM 5012 Integrated Logistic Support	3
TECHCOMM 5014 Science and Technology Management: Tools and Techniques	3
TECHCOMM 5016 Entrepreneurship and Innovation**	3

TECHCOMM 5018 Opportunity Assessment**	3
TECHCOMM 5022A/B Project Management Project (9 units)	9
TECHCOMM 5023 Project Management Project (6 units)	6
TECHCOMM 5024 Project Management Project (3 units)	3
TECHCOMM 5027 Business and Project Creation**	3

** Candidates cannot undertake Opportunity Assessment or Entrepreneurship and Innovation in conjunction with Business and Project Creation

4.2 Unacceptable combination of courses

No candidate will be permitted to count towards an award any course, together with any other course, which, in the opinion of the Faculty concerned, contains a substantial amount of the same material; and no course or portion of a course may be counted twice towards an award.

4.3 Graduation

Subject to Chapter 89 of the Statutes, candidates who have satisfied the requirements for any award of the University shall be admitted to that award at a graduation ceremony for the purpose.

5 Special circumstances

When in the opinion of the relevant Faculty special circumstances exist, the Council, on the recommendation of the Faculty in each case, may vary any of the provisions of the Academic Program Rules for any particular award.

Master of Science and Technology Commercialisation

Note: Postgraduate tuition fees apply to this program.

Academic Program Rules

1 Duration of program

It is possible to complete the Master of Science and Technology Commercialisation in one year. Alternatively participants can study at their own pace provided the eight courses plus project are completed within 4 years.

2 Admission

2.1 An applicant for admission to the program for the Master of Science and Technology Commercialisation shall have qualified for a degree of the University or another institution accepted by the University for the purpose as equivalent, shall have had at least 5 years approved professional work experience, and shall have demonstrated to the satisfaction of the University to have the capacity and experience to benefit from the program.

2.2 The Faculty may, subject to such conditions as it may see fit to impose in each case, accept as a candidate for the degree a person who does not satisfy the requirements of Rule 2.1 above but who has presented evidence satisfactory to the Faculty of fitness to undertake work for the degree.

2.3 Status, exemption and credit transfer

Candidates who have previously passed courses in postgraduate awards or equivalent at the University of Adelaide or another university and who wish to count such courses towards the Master of Science and Technology Commercialisation may, on written application to the Faculty, be granted such status as the Faculty shall determine, to a maximum aggregate value of six (6) units.

2.4 Articulation with other awards

2.4.1 A candidate for the Master of Science and Technology Commercialisation who does not complete the requirements for the Masters degree but satisfies the requirements for the Graduate Certificate or Graduate Diploma in Science and Technology Commercialisation may be admitted to one or other of those degrees as appropriate.

2.4.2 A candidate who has been admitted to the Graduate Diploma in Science and Technology Commercialisation and who subsequently satisfies the requirements for the Master of Science and Technology Commercialisation must surrender the Graduate Diploma before being admitted to the Masters degree.

3 Assessment and examinations

3.1 There shall be four classifications of pass in any course for the Masters degree: Pass with High Distinction; Pass with Distinction; Pass with Credit; and Pass.

3.2 A candidate shall not be eligible to be assessed, by examination or otherwise, unless the prescribed work has been completed to the satisfaction of the teaching staff concerned.

3.3 A candidate who fails a course and wishes to repeat that course, shall, unless exempted partially therefrom by the Faculty, again complete the required work in the course to the satisfaction of the teaching staff concerned.

3.4 A candidate who has failed a course twice may not re-enrol in that course except by special permission of the Faculty and then only under such conditions as may be prescribed.

3.5 For the purpose of this Rule, a candidate who is refused permission to sit for examination shall be deemed to have failed the examination.

4 Qualification requirements

4.1 Academic program

To qualify for the Master of Science and Technology Commercialisation, a candidate shall satisfactorily complete courses to the value of 36 units consisting of:

(a) 24 units of coursework of which at least 18 units are core courses *and*

(b) a 12 unit Project as set out under 4.1.2 below.

Note: students should discuss their choice of courses with the Program Coordinator.

4.1.1 Core courses

TECHCOMM 5001 Marketing Technological Innovation	3
TECHCOMM 5002 Managing Product Design and Development	3
TECHCOMM 5003 Strategic Analysis for Technology Commercialisation	3
TECHCOMM 5005 Financing Commercialisation	3

TECHCOMM 5006 Technology Management and Transfer	3
TECHCOMM 5007 Legal Issues of the Commercialisation Process	3
TECHCOMM 5008 Leading and Managing	3
TECHCOMM 5011 Internationalisation of Technology	3

4.1.2 Masters Project

TECHCOMM 7006 Masters Project (Australia)	12
or	
TECHPJIL Masters Project (International)	12

4.1.2 Elective courses

TECHCOMM 5004 Managing Risk	3
TECHCOMM 5009 Business and Contract Management	3
TECHCOMM 5012 Integrated Logistics Support	3
TECHCOMM 5021 Applied Project Management I	3

4.2 Unacceptable combination of courses

No candidate will be permitted to count towards an award any course, together with any other course, which, in the opinion of the Faculty concerned, contains a substantial amount of the same material; and no course or portion of a course may be counted twice towards an award.

4.3 Graduation

Subject to Chapter 89 of the Statutes, candidates who have satisfied the requirements for any award of the University shall be admitted to that award at a graduation ceremony for the purpose.

5 Special circumstances

When in the opinion of the relevant Faculty special circumstances exist, the Council, on the recommendation of the Faculty in each case, may vary any of the provisions of the Academic Program Rules for any particular award.

Master of Software Engineering

Note: Postgraduate tuition fees apply to this program.

Academic Program Rules

1 Duration of program

Except with the permission of the Faculty, the courses of study and, if required, the project report shall be completed on a full-time basis in not less than the following duration:

(a) for students required by rule 5.4 below to complete courses to the value of at least 48 units: two years
or

(b) for students required by rule 5.4 below to complete courses to the value of at least 36 units: one and a half years.

2 Admission

2.1 The Faculty may accept as a candidate for the degree any person who has completed one of the following at the University of Adelaide:

(a) the degree of Bachelor of Computer Science or Bachelor of Mathematical and Computer Sciences with a major in Computer Science including the course COMP SCI 3006 Software Engineering and Project or the Bachelor of Information Science with a major in Computer Science including the course COMP SCI 3006 Software Engineering and Project or the Graduate Diploma in Computer Science *or*

(b) the Honours degree of Bachelor of Mathematical and Computer Sciences in Computer Science or the Honours degree of Bachelor of Computer Science or the degree of Master of Computer Science *or*

(c) the degree of Bachelor of Engineering in Computer Systems Engineering or Bachelor of Engineering in Information Technology and Telecommunications or Master of Engineering (Information Technology and Telecommunications) or Bachelor of Engineering with a major in Computer Science which includes the courses COMP SCI 3006 Software Engineering and Project and COMP SCI 3004 Operating Systems.

2.2 The Faculty may accept as a candidate for the degree any person who has completed studies at another institution, where those studies are accepted by the University as equivalent to studies specified in 2.1 above.

2.3 Subject to the approval of Council the Faculty may, in special cases and subject to such conditions (if any) as it may see fit to impose in each case, accept as a candidate for the degree a person who does not hold the qualifications specified in 2.1 or 2.2 above but who has given evidence satisfactory to the Faculty of fitness to undertake work for the degree.

2.4 A candidate admitted under 2.3 above may be required to undertake such preliminary work as the Faculty may determine.

2.5 Admission to the program of study for the degree of Master of Software Engineering will be based on a combination of results in university studies, other achievements, and the outcome of an interview.

2.6 Status, exemption and credit transfer

2.6.1 The Faculty may grant status of up to the value of 12 units for studies undertaken within an Honours degree in Computer Science, Master of Computer Science, Master of Engineering (Information Technology and Telecommunications), or a degree of Bachelor of Engineering with Honours with a specialisation in Information Technology undertaken at the University of Adelaide, or within an equivalent degree of another tertiary institution. These candidates will still need to present a minimum of 24 units towards the Master of Software Engineering that have not been presented for any other degree.

2.6.2 Except as provided for in 2.6.1, a candidate may not count towards the degree a course or closely related course or part of a course that has already been presented for another degree or diploma.

3 Enrolment

Each candidate's program of study must be approved by the Dean (or nominee) at enrolment each year. Students may be interviewed to assess their suitability for course choices.

4 Assessment and examinations

4.1 If a course has a Conceded Pass classification for the purpose of another award any such course passed with this classification shall not count towards the requirements for the degree.

4.2 No project report or material presented for any other degree within this or any other institution shall be submitted.

4.3 There shall be four classifications of Pass in each course for the degree: Pass with High Distinction, Pass with Distinction, Pass with Credit and Pass.

4.4 A candidate shall not be eligible to attend for examination unless the prescribed work has been completed to the satisfaction of the teaching staff concerned. A candidate who is not eligible to attend for examination shall be deemed to have failed the examination.

4.5 A candidate who fails in a course and desires to take the course again shall again attend lectures and satisfactorily do such written and practical work as the teaching staff concerned may prescribe, unless specifically exempted therefrom after written application to the Faculty for exemption.

4.6 A candidate who has twice failed in any course may not enrol for that course again except by special permission of the Faculty and then only under such conditions as may be prescribed.

4.7 Review of academic progress

If in the opinion of the Faculty a candidate for the degree is not making satisfactory progress, the Faculty may with the consent of Council, terminate the candidature of the candidate and the candidate shall cease to be enrolled for the degree.

5 Qualification requirements

5.1 A candidate shall:

(a) satisfactorily complete any preliminary work which may be prescribed

(b) satisfy examiners in courses of study prescribed in these rules *and*

(c) where project work is prescribed by these rules, present a satisfactory report on a project approved by the Head of School.

5.2 To complete a course of study a candidate shall, unless exempted by the Head of the School offering the course:

(a) regularly attend the prescribed lectures, tutorials, workshops and seminars *and*

(b) undertake such computing work, project work, practical work, field work and case studies, do such reading, written and oral work and pass such examinations as the Head of the School offering the course may prescribe.

5.3 The program, which shall normally extend over two years of full-time study, consists of three components:

(a) a project

(b) Computer Science courses *and*

(c) Engineering courses.

Courses are divided into two categories: Core, which are compulsory, and Electives, which may be chosen by the student subject to the approval of the Dean (or nominee).

5.4 Academic program

To qualify for the degree a candidate shall satisfactorily complete a program of study comprising a project to the value of 9 units and coursework courses as follows:

(a) for students admitted with the qualification described in Rule 2.1(a) above or the equivalent: courses to the value of at least 15 units from Group A and at least 24 units from Group B as set out in Rule 5.5 below

(b) for students admitted with the qualification described in Rule 2.1(b) above or the equivalent: courses to the value of at least 3 units from Group A and at least 24 units from Group B as set out in Rule 5.5 below

(c) for students admitted with the qualification described in Rule 2.1(c) above or the equivalent who have specialised in Information Technology within that qualification: courses to the value of at least 15 units from Group A and at least 12 units from Group B as set out in Rule 5.5 below

(d) for students admitted with the qualification described in Rule 2.1(c) above or equivalent who have not specialised in Information Technology within that qualification: courses to the value of at least 24 units from Group A and at least 15 units from Group B as set out in Rule 5.5 below.

5.5 Courses of study

Project

COMP SCI 7049A/B Software Engineering Project	9

Group A

core courses

COMP SCI 7065A/B Software Development Studio	6
COMP SCI 7066 Advanced Software Engineering	2
or	
COMP SCI 7074 Software Management Project	3

elective courses

Chosen from courses listed in Academic Program Rule 5.2.2 for the degree of Master of Computer Science

Group B

*elective courses**

Chosen from

COMP SCI 7007 Advanced Software Engineering B	3
COMP SCI 7017 Systems Analysis (M.Comp.Sc.)	3
COMP SCI 7023 Advanced Software Engineering C	3

COMP SCI 7031 Advanced Programming Paradigms (M.Comp.Sc.)	3
COMP SCI 7036 Advanced Software Engineering D	3
COMP SCI 7039 Computer Networks (M.Comp.Sc.)	3
COMP SCI 7041 Compiler Construction and Project (M.Comp.Sc.)	3
COMP SCI 7050 Parallel Computation	3
COMP SCI 7054 Advanced Software Engineering A	3

* not all electives may be offered in any one year

Students may, with the agreement of the Dean (or nominee), be permitted to undertake other courses drawn from existing Level IV, Level V, honours and postgraduate courses in relevant programs, or to enrol in relevant courses offered by the University of South Australia or the Flinders University of South Australia.

5.6 Unacceptable combinations of courses

No candidate will be permitted to count towards an award any course, together with any other course, which, in the opinion of the Faculty concerned, contains a substantial amount of the same material; and no course or portion of a course may be counted twice towards an award

5.7 Graduation

Subject to Chapter 89 of the Statutes, candidates who have satisfied the requirements for any award of the University shall be admitted to that award at a graduation ceremony for the purpose.

6 Special circumstances

When in the opinion of the relevant Faculty special circumstances exist, the Council, on the recommendation of the Faculty in each case, may vary any of the provisions of the Academic Program Rules for any particular award.

Doctor of Engineering

Academic Program Rules

1 (a) Subject to these Academic Program Rules a person who has been admitted in the University of Adelaide to an Honours degree of Bachelor or a degree of Master in Science, Agricultural Science, Applied Science, Engineering or Engineering Science, or to the degree of Doctor of Philosophy in a field of study approved by the Faculty of Engineering, Computer and Mathematical Sciences, may proceed to the degree of Doctor of Engineering

(b) On the recommendation of the Faculty of Engineering, Computer and Mathematical Sciences the Council may accept as a candidate for the degree a person who has been admitted to a degree in the University of Adelaide other than one named in section (a) of this regulation, or who is a graduate of another university or institution of higher education recognised by the University of Adelaide and has a substantial association with the University; provided that in each case the graduate concerned has, in the opinion of the Faculty, had an adequate engineering training

(c) On the recommendation of the Faculty of Engineering, Computer and Mathematical Sciences the Board of Research Education and Development, acting with authority wittingly devolved to it by Council may, in special cases, accept as a candidate for the degree a person who does not hold a degree of a university or institution of higher education, provided that in each case the candidate concerned has a substantial association with the University and has, in the opinion of the Faculty adequate engineering credentials

(d) Except where a person has been accepted as a candidate under regulation 1(c), no person shall be accepted as a candidate for the degree of Doctor of Engineering before the expiration of five years from the date of the original graduation.

2 (a) A person who desires to become a candidate for the degree shall give notice of the intended candidature in writing to the Manager, Graduate Administration and Scholarships, Adelaide Graduate Centre and with such notice shall furnish particulars of the applicant's engineering achievements and of the work to be submitted for the degree

(b) The Faculty of Engineering, Computer and Mathematical Sciences shall appoint a committee to examine the information submitted and to advise the Faculty on whether the Faculty should:

(i) allow the applicant to proceed, and approve the subject or subjects of the work to be submitted *or*

(ii) advise the applicant not to submit his work: and the Faculty's decision shall be conveyed to the applicant

(c) If it accepts the candidature and approves the subject or subjects of the work to be submitted the Faculty shall nominate examiners of whom one at least shall be an external examiner.

3 (a) To qualify for the degree the candidate shall furnish satisfactory evidence that the candidate has made an original contribution of distinguished merit adding to the knowledge, understanding or practice of any subject with which the Faculty is directly concerned

(b) The degree shall be awarded primarily on a consideration of such published works as the candidate may submit for examination.

(c) The candidate in submitting published works shall state generally in a preface and specifically in notes the main sources from which the information is derived and the extent to which the candidate has made use of the work of others, especially where joint publications are concerned. The candidate may also signify in general terms the portions of his work which he claims as original

(d) The candidate is required to indicate what part, if any, of the work has been submitted for a degree in this or any other university.

4 The candidate shall lodge with the Adelaide Graduate Centre, three copies of the work prepared in accordance with the directions given in sub-paragraph (b) of clause 2B of Chapter XXV of the Statutes. If the work is accepted for the degree two copies of the work will be transmitted to the University Library.

5 A candidate who complies with the foregoing conditions and satisfies the examiners may, on the recommendation of the Faculty of Engineering, Mathematical and Computer Sciences be admitted to the degree of Doctor of Engineering.

6 Notwithstanding anything contained in the preceding rules, the Faculty may recommend the award of the degree to any person who is not a member of the staff of the University. Any such recommendation must be

accompanied by evidence that the person for whom the award is proposed has made an original and substantial contribution of distinguished merit to the knowledge or understanding of a subject with which the Faculty is directly concerned, of a standard not less than that required by regulation 3.

For further information please contact the Adelaide Graduate Centre.

Regulations allowed 15 January, 1976.

Amended: 4 Feb. 1982: 2, 4 21; Feb. 1991: 1;13 Feb. 1992: 1(d), 2(a), 3(a), 3(b), 3(c), 3(d).

Rule approved and Regulation repealed 18 March 1999.

Professional Certificate in Applied Statistics

Note: Postgraduate tuition fees apply to this program.

Academic Program Rules

1 Duration of program

Except with the special permission of the Faculty, the program for the Professional Certificate shall be completed in two semesters.

2 Admission

2.1 An applicant for admission to the program for the Professional Certificate in Applied Statistics shall have qualified for a degree of the University or another institution accepted by the University for the purpose as equivalent, or shall have had at least 3 years approved statistical work experience, and shall have demonstrated to the satisfaction of the University to have the capacity and experience to benefit from the program.

2.2 The Faculty may, subject to any conditions as it may see fit to impose in each case, accept as a candidate for the Professional Certificate a person who does not satisfy the requirements of Rule 2.1 above but who has presented evidence satisfactory to the Faculty of fitness to undertake work for the Professional Certificate.

2.3 Status, exemption and credit transfer.

With the permission of the Faculty, status may be granted for courses, on written application from the candidate.

2.4 Articulation with other awards.

A candidate who has been admitted to the Professional Certificate in Applied Statistics and who subsequently satisfies the requirements for the Graduate Diploma in Statistics must surrender the Professional Certificate before being admitted to the Graduate Diploma.

3 Assessment and examinations

3.1 There shall be four classifications of pass in any course for the Professional Certificate: Pass with High Distinction; Pass with Distinction; Pass with Credit; and Pass

3.2 (a) A candidate shall not be eligible to be assessed, by examination or otherwise, unless the prescribed work has been completed to the satisfaction of the teaching staff concerned.

(b) For the purpose of this Rule, a candidate who is refused permission to sit for the examination shall be deemed to have failed the examination

4 Qualification requirements

4.1 Academic program

To qualify for the Professional Certificate, a candidate shall satisfactorily complete three courses, as listed below and a project.

STATS 5000 Descriptive Statistics and Probability	2
STATS 5001 Statistical Inference and Regression	2
STATS 5002 Time Series and Survey Sampling Methods	2
STATS 5003A/B Project	1

4.2 No candidate will be permitted to count for the Professional Certificate any course that, in the opinion of the Faculty, contains substantially the same material as any other course that he or she has already presented for another award.

4.3 Graduation

Subject to Chapter 89 of the Statutes, candidates who have satisfied the requirements for any award of the University shall be admitted to that award at a graduation ceremony for the purpose.

Graduate Certificate in Computer Science

Academic Program Rules

1 Duration of program

To qualify for the Graduate Certificate a candidate shall complete satisfactorily a program of full-time study extending over at least one semester or of part-time study extending over at least two semesters. A candidate shall take not more than six consecutive semesters to complete the requirements of the Certificate.

2 Admission

2.1 Except as provided in 2.2 below, an applicant for admission to the program for the Graduate Certificate shall have qualified for a degree of the University or a degree of another institution accepted by the Faculty for the purpose as equivalent to a degree of this University.

2.2 Subject to the approval of the Council, the Faculty may, in special cases and subject to such conditions (if any) as it may see fit to impose in each case, accept as a candidate for the Graduate Certificate a person who does not hold a degree of a tertiary institution but has given evidence satisfactory to the Faculty of fitness to undertake work for the Graduate Certificate.

2.3 A knowledge of SACE Stage 2 Mathematics I or its equivalent is assumed.

2.4 A person who holds any of the following qualifications shall not be eligible for the award of the Graduate Certificate in Computer Science: a degree that includes a major in Computer Science or its equivalent; the Diploma in Computer Science, Master of Computer Science of the University of Adelaide, or equivalent qualifications in Computer Science.

2.5. Credit Transfer

2.5.1 A candidate who has passed courses in this or other educational institutions and who has not presented these courses towards an award may, on written application, be granted such exemption from the requirements of these rules as the Faculty shall determine. Status may be granted for a maximum of 3 units under 4.1 of the Academic Program Rules.

2.5.2 No candidate will be permitted to count for the Graduate Certificate any course that in the opinion of the School contains substantially the same material as any other course which he or she has presented already for another qualification.

3 Assessment and examination

3.1 There shall be four classifications of pass at an examination in any course for the Graduate Diploma: Pass with High Distinction, Pass with Distinction, Pass with Credit and Pass.

3.2 A candidate shall not be eligible to attend for examination unless the prescribed work has been completed to the satisfaction of the teaching staff concerned. A candidate who is not eligible to present for examination or final assessment shall be deemed to have failed the examination/final assessment.

3.3 A candidate who has twice failed to pass the examination in any course or division of a course may not enrol for that course again except by special permission to be obtained in writing from the Faculty and then only under such conditions as may be prescribed.

4 Qualification requirements

4.1 Academic program

To qualify for the Graduate Certificate the candidate shall satisfactorily complete courses to the value of at least 12 units listed in 4.1 for the degree of Graduate Diploma in Computer Science.

4.2 No candidate will be permitted to count for the Graduate Certificate any course that, in the opinion of the Faculty, contains substantially the same material as any other course that he or she has already presented for another award.

4.3 Graduation

Subject to Chapter 89 of the Statutes, candidates who have satisfied the requirements for any award of the University shall be admitted to that award at a graduation ceremony for the purpose.

5 Special circumstances

When in the opinion of the relevant Faculty special circumstances exist, the Council, on the recommendation of the Faculty in each case, may vary any of the provisions of the Academic Program Rules for any particular award.

Graduate Certificate in Mathematical Signal and Information Processing

Note: Postgraduate tuition fees apply to this program.

Academic Program Rules

1 Duration of program

1.1 A candidate shall:

(a) complete any preliminary work which may be prescribed;

(b) undertake an approved program of advanced part-time study which extends over not less than one and not more than two years.

2 Admission

2.1 Except as provided for in 2.2 an applicant for admission to the program of study for the Graduate Certificate shall:

have qualified for an Honours degree of Bachelor of Science in either Mathematics or Physics or a degree of Bachelor of Engineering (Electrical and Electronic) with Honours of the University of Adelaide, or for an equivalent degree of another tertiary institution accepted for the purpose by the University *or*

2.2 have qualified for a degree with Honours in other areas of Engineering, or an Honours degree in a related scientific area acceptable for the purpose to the Faculty. A person admitted under this sub-rule will normally be required satisfactorily to complete some initial bridging studies as deemed necessary by the Faculty, in addition to satisfying the requirements of the Graduate Certificate.

2.3 subject to the approval of the Council, the Faculty may, in special cases and subject to such conditions (if any) as it may see fit to impose in each case, accept as a candidate for the Certificate a person who does not qualify for admission under 2.1 or 2.2 but who has given evidence satisfactory to the Faculty of fitness to undertake work for the Certificate.

3 Assessment and examination

Review of academic progress

If in the opinion of the Faculty of Engineering, Computer and Mathematical Sciences a candidate for the Graduate Certificate is not making satisfactory progress, the Faculty may, with the consent of the Council, terminate the candidature.

4 Qualification requirements

4.1 To qualify for the degree a candidate shall:

(a) comply with conditions as prescribed in the Academic Program Rules *and*

(b) pass such examinations on the candidate's program of advanced study as may be required by the Faculty.

4.2 Unacceptable combinations of courses

No candidate will be permitted to count towards an award any course, together with any other course, which, in the opinion of the Faculty concerned, contains a substantial amount of the same material; and no course or portion of a course may be counted twice towards an award.

4.3 Academic Program

4.3.1 A candidate for the Graduate Certificate shall regularly attend lectures and tutorials, do such written and practical work as may be prescribed, and satisfactorily complete courses to the value of at least 12 units as defined in 4.3.2.

4.3.2 The program of study to the value of at least 12 units shall consist of courses selected from:

ELEC ENG 7015SIP Optimal and Adaptive Signal Processing	3
ELEC ENG 7017SIP Beamforming and Array Processing	3
SIP 7001 Information Theory	3
SIP 7002 Kalman Filtering and Tracking	3
SIP 7003 Error Control Coding	3
SIP 7004 Mobile Communications	3
SIP 7005 Multisensor Data Fusion	3
SIP 7007 Image Processing	3
SIP 7009 Speech Processing	3
SIP 7011 Signal Processing Applications	3
SIP 7012 Detection, Estimation and Classification	3
SIP 7013 Introduction to Discrete Linear Systems	3
SIP 7015 Signal Synthesis and Analysis	3
SIP 7017 Specialised Studies A	3

SIP 7018 Specialised Studies B	3
SIP 7019 Specialised Studies C	3
SIP 7020 Specialised Studies D	3
SIP 7023 Satellite Communications	3
PURE MTH 7041SIP Mathematical Coding and Cryptology	3

Specialised Studies may consist of directed readings or approved short courses as approved by the Faculty. The content and assessment of these courses will be determined in each case by the academic coordinator of the program in consultation with the student's supervisor and the student.

Note: Intending students should consult the program coordinator early in the year in which they plan to study in order to ascertain whether particular courses will be available in that year and in which semester courses will be taught.

4.3.3 Candidates who have been granted exemption from one or more of the courses listed in 4.3.2 may select in their place relevant courses from other courses offered by the University of Adelaide or other tertiary institutions in South Australia as may be approved by the Faculty of Engineering, Computer and Mathematical Sciences.

4.3.4 The availability of all courses is conditional on there being adequate staffing levels and resources.

4.4 Graduation

Subject to Chapter 89 of the Statutes, candidates who have satisfied the requirements for any award of the University shall be admitted to that award at a graduation ceremony for the purpose.

5 Special circumstances

When in the opinion of the relevant Faculty special circumstances exist, the Council, on the recommendation of the Faculty in each case, may vary any of the provisions of the Academic Program Rules for any particular award.

Syllabuses

Prospective students should consult the program coordinator early in the year in which the program is being offered regarding the content of the courses that are to be offered in that year.

Graduate Certificate in Mathematics Education

Academic Program Rules

1 Duration of program

Except with the special permission of the Faculty the program for the Certificate shall be completed in not more than two years of part-time study.

2 Admission

2.1 An applicant for admission to the program of study for the Graduate Certificate shall:

(a) have qualified for a degree and a Graduate Diploma in Education of the University or hold qualifications from another institution accepted by the University for the purpose.

(b) have completed such other work as may be prescribed in the Academic Program Rules.

2.2 Subject to the approval of the Council, the Faculty may, in special cases and subject to such conditions as it may see fit to impose in each case, accept as a candidate for the Certificate an applicant who does not satisfy the requirements of 2.1(a) and (b) above but who has given evidence satisfactory to the Faculty of fitness to undertake work for the Certificate.

3 Assessment and examination

Review of academic progress

If in the opinion of the Faculty a candidate for the Certificate is not making satisfactory progress, the Faculty may, with the consent of the Council, terminate the candidature and the candidate shall cease to be enrolled for the Certificate.

4 Qualification requirements

4.1 To qualify for the Certificate a candidate shall satisfactorily complete a program of study and comply with conditions as prescribed in the Academic Program Rules.

4.2 Academic program

4.2.1 To qualify for the Certificate a candidate shall satisfactorily complete courses from 4.3 below with an aggregate value of at least 12 units satisfying the following requirements:

(a) Unless otherwise agreed by the Faculty, the courses presented for the Certificate must include Core courses with an aggregate value of at least 8 units.

(b) The courses presented for the Certificate shall not include any course which is, in the opinion of the Faculty, substantially equivalent to another course presented for the Certificate or already counted towards another qualification gained by the candidate.

4.2.2 Candidates wishing to enrol in courses for which they do not have the necessary preliminary knowledge may be required to take such bridging studies prior to the commencement of their Certificate studies as may be deemed appropriate by the Dean (or nominee).

4.2.3 To complete a program of study, a candidate, unless exempted by the Faculty, shall:

(a) regularly attend the prescribed lectures, tutorials, workshops and seminars; and

(b) undertake such computing work, practical work, field work and case studies, do such reading, written and oral work and pass such examinations, as the Faculty may prescribe.

4.2.4 The syllabus for each course for the Certificate shall specify whether passes shall be non-graded or whether there shall be four classifications of pass: Pass with High Distinction, Pass with Distinction, Pass with Credit, and Pass.

4.3 The following shall be the courses for the Graduate Certificate in Mathematics Education:

4.3.1 Core courses (provisional list)

Group A

APP MTH 5001 Thinking Mathematically	2
APP MTH 5042 School Mathematics Curriculum	2
PURE MTH 5015 Geometry for Teachers	2
PURE MTH 5022 Exploratory Data Analysis	2
PURE MTH 5031 Applying Mathematics	2

Group B

APP MTH 5003 Mathematics in Education	2
PURE MTH 5011 Modelling with Mathematics	2
PURE MTH 5043 Discrete Mathematics	2
PURE MTH 5044 Modern Statistics	2

4.3.2 Further courses

Group C

PURE MTH 5001A/B Certificate Project (Full-Year)	2
PURE MTH 5014 Directed Reading Studies	2
PURE MTH 5016 Minor Certificate Project	1
PURE MTH 5036 Certificate Project	2
PURE MTH 5037 Certificate Mathematical Studies	2
PURE MTH 5040 Minor Directed Reading Studies	1

Group D

Any other mathematical sciences or mathematics education course or other relevant course offered within the University of Adelaide and approved for the purpose by the Dean (or nominee).

Group E

Other mathematical sciences or mathematics education courses which may be offered from time to time by The Flinders University of South Australia and the University of South Australia and are approved for the purpose by the Dean (or nominee).

4.3.3 Each year the Faculty shall determine which of the above courses will be offered in the following year and in which semesters they will be offered.

4.3.4 Notwithstanding the above, the availability of all courses is conditional on the availability of staff and facilities.

4.4 Unacceptable combinations of courses

No candidate will be permitted to count towards an award any course, together with any other course, which, in the opinion of the Faculty concerned, contains a substantial amount of the same material; and no course or portion of a course may be counted twice towards an award

4.5 Graduation

Subject to Chapter 89 of the Statutes, candidates who have satisfied the requirements for any award of the University shall be admitted to that award at a graduation ceremony for the purpose

5 Special circumstances

When in the opinion of the relevant Faculty special circumstances exist, the Council, on the recommendation of the Faculty in each case, may vary any of the provisions of the Academic Program Rules for any particular award.

The Faculty of Engineering, Computer and Mathematical Sciences, in cooperation with the Department of Education offers a Graduate Certificate in Mathematics Education. The aim of the program is to enable graduates in teaching to gain professional development in modern mathematics content and processes, in mathematics education and in relevant teaching methodology, within an applied context.

The program is intended for holders of a qualification for teaching at diploma or degree level, or equivalent (for example a three-year degree plus a diploma or a four-year bachelor of education degree). Graduates wishing to enrol should consult the University of Adelaide Liaison Officer, Graduate Certificate in Mathematics Education, through the Office of the Dean in early October of the year before they plan to enrol.

In some cases, students may need to undertake preliminary bridging studies prior to the time of enrolment, to ensure that they have the necessary mathematical background indicated in the syllabuses.

Each student will be assigned a supervisor who will advise, where applicable, on project work, directed reading and selection of courses. At enrolment time, following consultation between the student and supervisor, each student's program must be formally approved by the Dean or nominee (normally by the Liaison Officer).

The program may be taken in up to two years of part-time study. It consists of courses with an aggregate value of at least 12 units, not equivalent to courses already offered by the candidate for another award. These courses must include core courses with an aggregate value of at least 8 units. (If courses equivalent to core courses have been offered for another award, other courses may be specified in their place.)

The core courses are currently offered in a joint program by the South Australian higher education institutions, in association with the Adelaide Consortium for Mathematics Education. A 2 unit core course typically involves 26 to 30 contact hours; some courses will be based entirely on seminars and workshops while others will involve formal lectures with some associated workshops.

The core courses are divided into two groups and normally a student's core courses will all be from the same group. Group A core courses are intended as a basis for 're-skilling' of teachers who are currently teaching some junior secondary mathematics, or who wish to undertake such teaching, but whose training was in some other area (for example, science). Group B core courses are intended for professional development of mathematics specialist teachers who wish to update their background in mathematics relevant to the senior secondary curriculum, in mathematics education and teaching methodology and in the use of modern technology. While the program focuses mainly on these two categories, other applicants (for example, primary teachers) will be accepted if a satisfactory program of study appropriate to their needs is available within the framework of the Certificate.

Students enrolled for the Certificate at the University of Adelaide will usually select their non-core courses from Group C, which

comprises courses offered at the University of Adelaide. They will normally include a course whose work requirement consists of a project.

In the program for the Certificate there will be an emphasis on applications, investigations and problem-solving, and all students will take some courses involving the use of computer packages (though no knowledge of computer programming is required). Project work may involve practical experience in industry, business or a school or tertiary education.

Students who enrol for the degrees of Bachelor of Educational Studies, Master of Educational Studies or Master of Education awards are able to apply for credit to a maximum value of 12 units on account of work completed towards this Graduate Certificate.

Graduate Diploma in Applied Statistics

Note: Postgraduate tuition fees apply to this program

Academic Program Rules

1 Duration of program

To qualify for the Graduate Diploma a candidate shall satisfactorily complete a program of full-time study extending over at least one year or of part-time study extending over at least two years.

2 Admission

2.1 Except as provided for in 2.2 a candidate for admission to the program for the Graduate Diploma shall have qualified for admission to a degree of the University or to a degree of another university accepted for the purpose by the University and have obtained the approval of the Faculty.

2.2 Subject to the approval of the Council the Faculty may, in special cases and subject to such conditions (if any) as it may see fit to impose in each case, accept as a candidate for the Graduate Diploma a person who does not hold a degree of a university but has given evidence satisfactory to the Faculty of his fitness to undertake work for the diploma.

3 Assessment and examinations

3.1 There shall be four classifications of pass at an annual examination in any course for the diploma; Pass with High Distinction, Pass with Distinction, Pass with Credit, and Pass.

3.2 A candidate who fails to pass in a course and desires to take the course again shall again attend lectures and satisfactorily do such written and practical work as the professor or lecturer concerned may prescribe, unless specifically exempted therefrom after written application to the Faculty for such exemption.

3.3 A candidate who has twice failed to pass the examination in any course or division of a course may not enrol for that course again except by special permission to be obtained in writing from the Faculty and then only under such conditions as may be prescribed.

3.4 For the purpose of this Rule a candidate who is refused permission to sit for examination, or who fails, without a reason accepted by the Head of the School of Applied Mathematics as adequate, to attend all or part of a final examination (or supplementary examination if remaining enrolled for at least eight teaching weeks of that semester), shall be deemed to have failed to pass the examination.

4 Qualification requirements

4.1 Academic program

To qualify for the Graduate Diploma, a candidate shall regularly attend lectures and tutorials, do such written work as may be prescribed, and pass examinations in a selection of courses chosen from the following list, to an aggregate value of at least 16 units, with at most 6 units from Level II.

4.1.1 Level II Statistics courses

STATS 6002 Introduction to Mathematical Statistics II	2
STATS 6003 Statistical Practice II	2
STATS 6011 Statistical Theory and Modelling II	2

4.1.2 Level III Statistics courses

APP MTH 6003 Life Contingencies III	2
STATS 6001 Statistical Modelling III	3
STATS 6004 Multivariate Analysis III	2
STATS 6005 Time Series III	2
STATS 6006 Theory of Statistics III	3
STATS 6007 Non-parametric Methods III	2
STATS 6008 Biostatistics III	2
STATS 6010 Experimental Design III	2
STATS 6011 Statistics for Quality Improvement III	2
STATS 6014 Sampling Theory and Practice III	2

4.1.3 at most, two of the Level III Applied Mathematics courses:

APP MTH 6002 Applied Probability III	2
APP MTH 6004 Mathematical Biology III	2
APP MTH 6005 Mathematical Programming III	2
APP MTH 6006 Stochastic Modelling for Telecommunications III	2

4.1.4 Statistics courses listed in 5.3.1 for the degree of Master of Mathematical Sciences.

4.1.5 Other Statistics courses which may be offered from time to time by the School of Applied Mathematics and the Biometry Section (waite Campus) of the University of Adelaide.

4.1.6 Compulsory project

STATS 6015 Statistics Project 8

In addition to the course work each student will be expected to complete a project chosen in consultation with and supervised by a supervisor from either the Biometry Section (Waite Campus) or the School of Applied Mathematics.

4.2 On the recommendation of the Head of the School of Applied Mathematics, the Faculty may exempt a candidate from the need to satisfy the prerequisites prescribed for the course.

4.3 Unacceptable combinations of courses

No candidate will be permitted to count towards an award any course, together with any other course, which, in the opinion of the Faculty concerned, contains a substantial amount of the same material; and no course or portion of a course may be counted twice towards an award.

4.4 Graduation

Subject to Chapter 89 of the Statutes, candidates who have satisfied the requirements for any award of the University shall be admitted to that award at a graduation ceremony for the purpose.

5 Special circumstances

When in the opinion of the relevant Faculty special circumstances exist, the Council, on the recommendation of the Faculty in each case, may vary any of the provisions of the Academic Program Rules for any particular award.

Graduate Diploma in Computer Science

Note: Postgraduate tuition fees apply to this program.

Academic Program Rules

1 Duration of program

To qualify for the Graduate Diploma a candidate shall satisfactorily complete a program of study extending over at least one year.

2 Admission

2.1 Except as provided for in 2.2 a candidate for admission to the program for the Graduate Diploma shall have qualified for admission to a degree of the University in a field other than Computer Science, or to a degree of another university accepted for the purpose by the University and have obtained the approval of the School of Computer Science.

2.2 Subject to the approval of the Council the Faculty may, in special cases and subject to such conditions (if any) as it may see fit to impose in each case, accept as a candidate for the Graduate Diploma a person who does not hold a degree of a university but has given evidence satisfactory to the Faculty of fitness to undertake work for the Graduate Diploma.

2.3 Status and Credit Transfer

2.3.1 Subject to 2.4.1 below, no candidate will be permitted to count for the Graduate Diploma in Computer Science any course that in the opinion of the School contains substantially the same material as any other course which the candidate has presented already for another qualification.

2.3.2 A candidate who has passed courses in other educational institutions may, on written application, be granted such exemption from the requirements of these rules as the Faculty shall determine. Status may be granted for a maximum of 3 units under 4.1.1 of the Academic Program Rules.

2.4 Articulation with other awards

2.4.1 A candidate who has been enrolled for the Graduate Certificate at the University of Adelaide and who has not been awarded the Graduate Certificate shall, on written application, be permitted to transfer all equivalent courses towards the Graduate Diploma degree.

2.4.2 A candidate who holds the Graduate Certificate in Computer Science from the University of Adelaide shall surrender the Graduate Certificate before being awarded the Graduate Diploma.

3 Assessment and examinations

3.1 There shall be four classifications of pass at an examination in any course for the Graduate Diploma: Pass with High Distinction, Pass with Distinction, Pass with Credit and Pass.

3.2 A candidate who fails to pass in a course and desires to take the course again shall again attend lectures and satisfactorily do such written and practical work as the professor or lecturer concerned may prescribe, unless specifically exempted therefrom after written application to the Faculty for such exemption.

3.3 A candidate who has twice failed to pass the examination in any course or division of a course may not enrol for that course again except by special permission to be obtained in writing from the Faculty and then only under such conditions as may be prescribed.

3.4 For the purpose of this Rule a candidate who is refused permission to sit for examination, or who fails, without a reason accepted by the Head of the School of Computer Science as adequate, to attend all or part of a final examination (or supplementary examination if granted) after remaining enrolled for at least eight teaching weeks of that semester, shall be deemed to have failed to pass the examination.

4 Qualification requirements

4.1 Academic Program

A candidate for the Graduate Diploma shall regularly attend lectures and tutorials, do such written work as shall be prescribed, and pass examinations in courses offered by the School of Computer Science to the value of at least 24 units comprising at least 8 units of Level II and at least 9 units of Level III courses including COMP SCI 6017 Software Engineering and Project.

Level II courses:

COMP SCI 6003 Computer Science Concepts	3
COMP SCI 6004 Computer Systems	2
COMP SCI 6005 Data Structures and Algorithms	2
COMP SCI 6006 Database and Information Systems	2
COMP SCI 6008 Introduction to Software Engineering	2
COMP SCI 6012 Numerical Methods	2
COMP SCI 6015 Programming Paradigms	2

Level III courses:

COMP SCI 6000 Compiler Construction and Project	3
COMP SCI 6001 Computer Architecture	3
COMP SCI 6002 Computer Networks & Applications	3
COMP SCI 6007 Artificial Intelligence	3
COMP SCI 6009 Advanced Programming Paradigms	3
COMP SCI 6010 Knowledge Representation	3
COMP SCI 6011 Numerical Analysis	3
COMP SCI 6013 Open Systems and Client/Server Computing	3
COMP SCI 6014 Operating Systems	3
COMP SCI 6016 Programming Techniques	3
COMP SCI 6018 Systems Analysis and Project	3

Subject to permission from the Head of the School of Computer Science (or nominee) a student may also undertake a selection of courses from the Academic Program Rules for the degree of Master of Computer Science.

4.2 On the recommendation of the Head of the School of Computer Science, the Faculty may exempt a candidate from the need to satisfy the prerequisites prescribed for the course.

4.3 Unacceptable combinations of courses

No candidate will be permitted to count towards an award any course, together with any other course, which, in the opinion of the Faculty concerned, contains a substantial amount of the same material; and no course or portion of a course may be counted twice towards an award.

4.4 Graduation

Subject to Chapter 89 of the Statutes, candidates who have satisfied the requirements for any award of the University shall be admitted to that award at a graduation ceremony for the purpose.

5 Special circumstances

When in the opinion of the relevant Faculty special circumstances exist, the Council, on the recommendation of the Faculty in each case, may vary any of the provisions of the Academic Program Rules for any particular award.

Graduate Diploma in Mathematical Science

Note: Postgraduate tuition fees apply to this program.

Academic Program Rules

1 Duration of program

To qualify for the Graduate Diploma a candidate shall satisfactorily complete a program of full-time study extending over at least one year or of part-time study extending over at least two years. Except with the permission of the Faculty, the work for the Graduate Diploma shall be completed within four years.

2 Admission

2.1 Except as provided for in 2.2 an applicant for admission to the program of study for the Graduate Diploma shall:

(a) have qualified for a degree of the University or for a degree of another institution accepted for the purpose by the University.

(b) have obtained the approval of the Faculty of Engineering, Computer and Mathematical Sciences.

2.2 Subject to the approval of the Council the Faculty may, in special cases subject to such conditions (if any) as it may see fit to impose in each case, accept as a candidate for the Graduate Diploma a person who does not hold a degree of a university but has given evidence satisfactory to the Faculty of fitness to undertake work for the Graduate Diploma.

3 Assessment and examinations

3.1 There shall be four classifications of pass in each course for the Graduate Diploma: Pass with High Distinction, Pass with Distinction, Pass with Credit, and Pass.

3.2 A candidate shall not be eligible to attend for examination unless the prescribed work has been completed to the satisfaction of the teaching staff concerned.

3.3 A candidate who fails to pass in a course and desires to take the course again shall again attend lectures and satisfactorily do such written and practical work as the teaching staff concerned may prescribe, unless specifically exempted therefrom after written application to the Faculty for such exemption.

3.4 A candidate who has twice failed the examination in any course or division of a course may not enrol for that course again except by special permission to be obtained in writing from the Faculty and then only under such conditions as may be prescribed.

3.5 For the purpose of this Rule a candidate who is refused permission to sit for examination, or who without a reason accepted by the Faculty fails to attend all or part of a final examination (or supplementary examination if granted) after remaining enrolled for at least eight teaching weeks of that semester, shall be deemed to have failed the examination.

4 Qualification requirements

4.1 To qualify for the Graduate Diploma, a candidate shall satisfactorily complete work to the value of at least 24 units, of which 18 units must be from studies within Applied Mathematics, Pure Mathematics and/or Statistics. Of these 18 units at least 12 units must be chosen from the following:

(a) Level III courses in Applied Mathematics, Pure Mathematics and Statistics

(b) Courses listed in 5.3.1(c) for the degree of Master of Mathematical Science

(c) Project option.

This option may comprise up to 4 units of the work for the award. The topics and level of such project work will be decided in consultation with a supervisor appointed by the Faculty. The project options are:

APP MTH 6001 Applied Mathematics Diploma Project A	4
APP MTH 6010 Applied Mathematics Diploma Project B	2
PURE MTH 6007 Pure Mathematics Diploma Project A	4
PURE MTH 6000 Pure Mathematics Diploma Project A	2
STATS 6012 Statistics Diploma Project A	4
STATS 6013 Statistics Diploma Project B	2

In addition to courses listed in (a), (b) and (c), courses may be chosen from:

(d) those listed in the Calendar for any degree of the University approved for the purpose by the Faculty. Such courses must not comprise more than 8 units of Level II studies and must be approved as relevant to the program of study by the Postgraduate Coordinator.

4.2 Formal approval of enrolment must be obtained from the Program Coordinator.

4.3 Unacceptable combinations of courses

No candidate will be permitted to count towards an award any course, together with any other course, which, in the opinion of the Faculty concerned, contains a substantial amount of the same material; and no course or portion of a course may be counted twice towards an award.

4.4 Graduation

Subject to Chapter 89 of the Statutes, candidates who have satisfied the requirements for any award of the University shall be admitted to that award at a graduation ceremony for the purpose.

5 Special circumstances

When in the opinion of the relevant Faculty special circumstances exist, the Council, on the recommendation of the Faculty in each case, may vary any of the provisions of the Academic Program Rules for any particular award.

Syllabuses

textbooks

Information on appropriate textbooks will be provided by the relevant school and at the preliminary lecture in Orientation Week.

examinations

Details of these are made available at the relevant lectures during orientation week.

assumed knowledge

Applicants for the Graduate Diploma will be expected to have a knowledge of mathematics equivalent to that which would be obtained by passing 4 level II courses offered by the Schools of Applied and Pure Mathematics (ie. 8 units).

The Faculty offers the Graduate Diploma in Mathematical Science as a full-time or part-time program to cater for a number of different demands:

(a) It is designed for graduates with some mathematical training who wish to extend their mathematical knowledge for professional (eg. teachers) or other reasons. The Graduate Diploma allows a flexible program to suit the background of the individual. Thus it may

  (i) extend a modest knowledge of mathematics to say the level attained by a graduate with a degree of Bachelor of Mathematical and Computer Sciences *or*

  (ii) at the other extreme provide a program comparable to the level of the Honours degree.

(b) Graduates of a University or other institution who have an interest in proceeding to research in some area of the mathematical sciences but lack the preparation necessary may enrol for the Graduate Diploma in Mathematical Science with the view to gaining the background to begin a program at the Masters level either by coursework or by research.

Graduates wishing to enrol may consult the Program Coordinator for details of the courses offered preferably in the December of the year preceding their enrolment.

The program is normally one year of full-time study or two years part-time. The Graduate Diploma requires a satisfactory performance in approved courses totalling 24 units. Provision is made in the schedules for candidates to remedy deficiencies in preparation through inclusion of courses at level II. Up to 4 units may be in the form of supervised project work. Students will be allocated a supervisor at the time of enrolment.

Master of Computer Science

Note: Postgraduate tuition fees apply to this program.

Academic Program Rules

1 General

A candidate who fulfils the foregoing requirements shall on the recommendation of the Faculty of Engineering, Computer and Mathematical Sciences be admitted to the degree of Master of Computer Science.

2 Duration of program

A candidate may proceed to the degree by full-time study or, with the approval of the School of Computer Science and subject to any conditions imposed in the particular case, by part-time study or as an external student. Except by permission of the Faculty, the work for the degree shall be completed:

(a) in the case of a full-time candidate, not less than two years from the date of candidature accepted by the Faculty

(b) in the case of a part-time or external candidate, not less than four years from the date of candidature accepted by the Faculty

(c) in the case of a candidate with an Honours degree in Computer Science, or equivalent, in not less than one year of full-time study or two years of part-time study.

3 Admission

3.1 The Faculty may accept as a candidate for the degree any person who has completed one of the following at the University of Adelaide:

Graduate Diploma in Computer Science

A bachelor degree that includes a major in Computer Science.

3.2 The Faculty may accept as a candidate for the degree any person who has completed studies at another institution where those studies are accepted by the University as equivalent to studies specified in 3.1 above.

3.3 The Faculty may, in exceptional circumstances and subject to such conditions (if any) as it may see fit to impose in each case, accept as a candidate for the degree a person who does not qualify under 3.1, but who has given evidence satisfactory to the Faculty of fitness to undertake work for the degree.

4 Assessment and examination

Review of academic progress

If in the opinion of the Faculty a candidate for the degree is not making satisfactory progress, the Faculty may, with the consent of the Council, terminate the candidature and the candidate shall cease to be enrolled for the degree.

5 Qualification requirements

5.1 To qualify for the degree a candidate shall:

(a) satisfy examiners in courses of study as prescribed in the Academic Program Rules

(b) comply with conditions as prescribed in the Academic Program Rules *and*

(c) present a satisfactory written report and seminar on a supervised project on a course approved by the School of Computer Science.

5.2 Academic program

Note: intending students should consult the School of Computer Science early in the year in which they plan to study in order to ascertain whether particular courses will be available in that year, in which semester they will be taught and their precise content.

5.2.1 A candidate for the degree shall complete satisfactorily a total of at least 48 units.

5.2.2 A candidate for the degree shall regularly attend lectures and tutorials, do such written and practical work as may be prescribed, and pass examinations in at least twelve courses offered by the School of Computer Science at the Honours or Masters level. Other courses may be included, subject to the approval of the Head of the School. Courses which may be offered by the School of Computer Science are:

COMP SCI 7000 Advanced Database B	3
COMP SCI 7004 Advanced Operating Systems A	3
COMP SCI 7005 Advanced Artificial Intelligence D	3
COMP SCI 7006 Programming Techniques (M.Comp.Sc)	3
COMP SCI 7007 Advanced Software Engineering B	3
COMP SCI 7008 Advanced Numerical Analysis D	3
COMP SCI 7009 Advanced Artificial Intelligence B	3
COMP SCI 7010 Advanced Database A	3
COMP SCI 7012 Advanced Computer Architecture C	3

COMP SCI 7014 Advanced Database D	3
COMP SCI 7015 Software Engineering and Project (M.Comp.Sc.)	3
COMP SCI 7016 Advanced Artificial Intelligence C	3
COMP SCI 7017 Systems Analysis (M.Comp.Sc.)	3
COMP SCI 7018 Advanced Programming Languages C	3
COMP SCI 7021 Advanced Programming Languages D	3
COMP SCI 7022 Advanced Artificial Intelligence A	3
COMP SCI 7023 Advanced Software Engineering C	3
COMP SCI 7024 Relational Programming	3
COMP SCI 7026 Computer Architecture (M.Comp.Sc.)	3
COMP SCI 7028 Advanced Computer Architecture B	3
COMP SCI 7030 Advanced Numerical Analysis A	3
COMP SCI 7031 Advanced Programming Paradigms (M.Comp.Sc.)	3
COMP SCI 7033 Advanced Computer Architecture D	3
COMP SCI 7034 Advanced Computer Architecture A	3
COMP SCI 7035 Advanced Programming Languages B	3
COMP SCI 7036 Advanced Software Engineering D	3
COMP SCI 7037 Advanced Programming Languages A	3
COMP SCI 7039 Computer Networks (M.Comp.Sc)	3
COMP SCI 7040 Advanced Programming Languages E	3
COMP SCI 7041 Compiler Construction and Project (M.Comp.Sc.)	3
COMP SCI 7044 Advanced Operating Systems B	3
COMP SCI 7045 Advanced Operating Systems D	3
COMP SCI 7047 Advanced Database C	3
COMP SCI 7048 Advanced Numerical Analysis B	3
COMP SCI 7050 Parallel Computation	3
COMP SCI 7053 Advanced Operating Systems C	3
COMP SCI 7054 Advanced Software Engineering A	3
COMP SCI 7055 Numerical Analysis (M.Comp.Sc.)	3
COMP SCI 7059 Artificial Intelligence (M.Comp.Sc.)	3
COMP SCI 7064 Operating Systems (M.Comp.Sc.)	3
COMP SCI 7072 Advanced Numerical Analysis C	3

University of South Australia subjects:

COMP SCI 7003 University of South Australia Subject C	3
COMP SCI 7032 University of South Australia Subject D	3
COMP SCI 7067 University of South Australia Subject E	3
COMP SCI 7069 University of South Australia Subject B	3
COMP SCI 7070 University of South Australia Subject A	3
COMP SCI 7071 University of South Australia Subject F	3

Flinders University subjects:

COMP SCI 7002 Flinders University Subject A	3
COMP SCI 7046 Flinders University Subject D	3
COMP SCI 7051 Flinders University Subject E	3
COMP SCI 7057 Flinders University Subject C	3
COMP SCI 7068 Flinders University Subject B	3
COMP SCI 7073 Flinders University Subject F	3

5.2.3 A candidate shall also satisfactorily undertake and complete at least five Masters Project courses, under the guidance of a supervisor, and provide a public seminar and written report on the investigation. The Masters Project courses are:

COMP SCI 7011 Master Project B	3
COMP SCI 7013 Master Project E	3
COMP SCI 7019 Master Project C	3
COMP SCI 7025 Master Project D	3
COMP SCI 7052 Master Project H	3
COMP SCI 7056 Master Project A	3
COMP SCI 7060 Master Project F	3
COMP SCI 7063 Master Project G	3

5.2.4 In the case of a candidate with an Honours degree in Computer Science, the number of units required for the award of the Master's degree may be reduced, subject to permission of the Faculty.

5.3 Unacceptable combinations of courses

No candidate will be permitted to count towards an award any course, together with any other course, which, in the opinion of the Faculty concerned, contains a substantial amount of the same material; and no course or portion of a course may be counted twice towards an award.

5.4 Graduation

Subject to Chapter 89 of the Statutes, candidates who have satisfied the requirements for any award of the University shall be admitted to that award at a graduation ceremony for the purpose.

6 Special circumstances

When in the opinion of the relevant Faculty special circumstances exist, the Council, on the recommendation of the Faculty in each case, may vary any of the provisions of the Academic Program Rules for any particular award.

Syllabuses

Prospective students should consult the School early in the year in which the program is being offered to obtain advice as to the content of the program. The field of study of the project can also be determined at that time.

Master of Information Technology

Note: Postgraduate tuition fees apply to this program.

Academic Program Rules

1 Duration of program

A candidate shall:

(a) complete any additional compulsory work as the Faculty may determine

(b) except with the permission of the Faculty, the work for the degree shall be completed:

(i) in the case of a full-time candidate, not less than one year

(ii) in the case of a part-time candidate, not less than one and a half years.

2 Admission

2.1 The Faculty may accept as a candidate for the degree any person who has completed one of the following at the University of Adelaide:

Graduate Certificate in Computer Science

Graduate Diploma in Computer Science

Bachelor degree that includes a major in Computer Science.

2.2 The Faculty may accept as a candidate for the degree any person who has completed studies at another institution, where those studies are accepted by the University as equivalent to studies specified in 2.1 above.

2.3 Subject to the approval of Council, the Faculty may, in special cases accept as a candidate for the degree a person who does not hold the qualifications specified in 2.1 or 2.2.

2.4 A candidate admitted under 2.3 above will be required to undertake such additional compulsory work as the Faculty may determine. This additional work will not exceed 12 units of study and may be taken concurrently with the Master's study.

2.5 Admission to the program of study for the degree of Master of Information Technology will be based on a combination of results in university studies, other achievements, and the outcome of an interview.

2.6 Credit transfer

A candidate who has passed courses in this or other educational institutions and who has not presented these courses towards any award may, on written application to the Faculty, be granted such exemption from the requirements of these rules as the Faculty shall determine. Status may be granted for a maximum of 9 units under 4.2.2 of the Academic Program Rules.

3 Assessment and examinations

3.1 No material presented for any other degree within this or any other institution shall be submitted.

3.2 There shall be four classifications of Pass in each course for the degree: Pass with High Distinction, Pass with Distinction, Pass with Credit and Pass.

3.3 If a course has a Conceded Pass classification for the purpose of another award any such course passed with this classification shall not count towards the requirements for the degree.

3.4 A candidate shall not be eligible to attend for examination unless the prescribed work has been completed to the satisfaction of the teaching staff concerned. A candidate who is not eligible to attend for examination shall be deemed to have failed the examination.

3.5 A candidate who fails in a course, and desires to take the course again, shall again attend lectures and satisfactorily do such written and practical work as the teaching staff concerned may prescribe, unless specifically exempted therefrom after written application to the Faculty for exemption.

3.6 A candidate who has twice failed in any course may not enrol for that course again except by special permission of the Faculty and then only under such conditions as may be prescribed.

3.7 Review of academic progress

If in the opinion of the Faculty a candidate for the degree is not making satisfactory progress, the Faculty may with the consent of Council, terminate the candidature and the candidate shall cease to be enrolled for the degree.

4 Qualification requirements

4.1 Academic program

To qualify for the degree a candidate shall:

(i) satisfactorily complete any additional compulsory work which may be prescribed *and*

(ii) satisfy examiners in courses of study prescribed in these rules.

4.2 Courses of study and project work

4.2.1 The program consists of 36 units of study which shall normally extend over one and a half years of full-time study, and consists of two components:

(a) Computer Science courses and

(b) Management courses

4.2.2 To qualify for the degree a candidate shall satisfactorily complete a program of study comprising coursework courses as follows:

(a) at least 20 units selected from

(i) courses listed in Academic Program Rule 5.2 of the Master of Computer Science *and*

(ii) non-project based courses listed in Academic Program Rule 5.5 of the Master of Software Engineering;

(b) the balance made up of any of the following:

(i) Information Technology related courses as offered at Level IV, Level V, Honours and postgraduate courses drawn from Engineering, and Mathematical and Computer Sciences. Students must have the appropriate prerequisites for the courses selected

(ii) Management courses selected from those offered by the Adelaide Graduate School of Business or the Centre for Innovation and Commercialisation as approved by the Postgraduate Coordinator

(iii) other courses to the value of up to 6 units may be included subject to the approval of the Postgraduate Coordinator.

4.2.3 No candidate will be permitted to count towards an award any course, together with any other course, which, in the opinion of the Faculty concerned, contains a substantial amount of the same material; and no course or portion of a course may be counted twice towards an award.

4.2.4 To complete a program of study in a course a candidate shall, unless exempted by the Postgraduate Coordinator offering the course:

(a) regularly attend the prescribed lectures, tutorials, workshops and seminars and

(b) undertake such computing work, project work, practical work, field work and case studies, do such reading, written and oral work and pass such examinations as the head of the school offering the course may prescribe.

4.2.5 Each candidate's program of study must be approved by the Postgraduate Coordinator (or nominee) at enrolment each year.

4.3 Graduation

Subject to Chapter 89 of the Statutes, candidates who have satisfied the requirements for any award of the University shall be admitted to that award at a graduation ceremony for the purpose.

5 Special circumstances

When in the opinion of the relevant Faculty special circumstances exist, the Council, on the recommendation of the Faculty in each case, may vary any of the provisions of the Academic Program Rules for any particular award.

Syllabuses

Prospective students should consult the course coordinator early in the year in which the program is being offered regarding the content of courses to be offered in that year.

Notes:

1 not all electives will necessarily be offered in any one year

2 students may be interviewed to assess their suitability for course choices.

Master of Mathematical Science

Note: Postgraduate tuition fees apply to this program.

Academic Program Rules

1 General

1.1 The Faculty shall appoint one or more supervisors to guide a candidate's work.

1.2 A candidate may not count a course or closely related course or part of a course already presented for another degree or diploma.

1.3 A candidate who fulfils the requirements of these Rules may, on the recommendation of the Faculty, be admitted to the degree of Master of Mathematical Science.

2 Duration of program

A candidate shall:

(a) complete any preliminary work which may be prescribed

(b) undertake an approved program of advanced study and project work under the direction of a supervisor or supervisors extended over one year if taken full-time or not less than two and not more than four years if taken part-time.

3 Admission

3.1 The following may be accepted as a candidate for the degree:

(a) a person who has qualified in the the University of Adelaide for the Honours degree of Bachelor of Mathematical and Computer Sciences or the Honours degree of Bachelor of Engineering or the Honours degree of Bachelor of Science in Mathematical Physics, or holds another academic qualification accepted by the Faculty as equivalent.

(b) a person who has qualified in the the University of Adelaide for the degree of Bachelor of Engineering, Science or Applied Science or holds another academic qualification accepted for the purpose by the Faculty. A person admitted under this sub-Rule will normally be required satisfactorily to complete sufficient work of Honours standard as is deemed necessary by the Faculty in addition to satisfying the requirements of the Master's degree.

3.2 Subject to the approval of the Council the Faculty may, in exceptional circumstances and subject to such conditions (if any) as it may see fit to impose in each case, accept as a candidate for the degree a person who does not qualify under 3.1 above but who has given evidence satisfactory to the Faculty of fitness to undertake work for the degree.

3.3 Preliminary work

3.3.1 A person whose qualifications have been accepted under 3.1(a) shall be deemed to have satisfied the requirements of this schedule.

3.3.2 A candidate admitted under either 3.1(b) or 3.2 shall complete the requirements of this Rule by undertaking, and satisfying the examiners in, such programs of study and/or other work as may in his or her case be prescribed by the Faculty. The purpose of this schedule is that the person should demonstrate the ability to perform at Honours standard.

4 Enrolment

Review of academic progress

If in the opinion of the Faculty a candidate is not making satisfactory progress the Faculty may, with the consent of the Council, terminate the candidature.

5 Qualification requirements

5.1 To qualify for the degree a candidate shall:

(a) pass such examination on the candidate's program of advanced study as may be required by the Faculty *and*

(b) present a satisfactory dissertation on the candidate's project.

5.2 Project work

Subject to such conditions as it may determine, the Faculty may permit project work to be undertaken outside the University provided that it can be satisfied:

(a) that this will result in mutual academic benefit to the candidate and the supervising school

(b) that there will be adequate contact and interaction between the candidate and the supervising school *and*

(c) that the supervisor's access to any experimental work, the candidate's availability for seminars and other discussions, and the publication of results will not thereby be prejudiced.

5.3 Academic program

5.3.1 The program of study and project work to the value of at least 24 units shall consist of:

(a) supervised project work and seminar presentation from one of the following:

APP MTH 7007 Masters Applied Mathematics Project	6
PHYSICS 7023 Masters Mathematical Physics Project	6
PURE MTH 7008 Masters Pure Mathematics Project	6
STATS 7001 Masters Statistics Project	6

Note: intending students should consult the relevant school early in the year in which they plan to study in order to ascertain whether particular courses will be available in that year, which semester they will be taught and their precise content

(b) courses chosen from the following list

Applied Mathematics

APP MTH 7000 Applied Mathematics Honours Topic D	3
APP MTH 7001 Teletraffic Models (Masters)	3
APP MTH 7002 Financial Derivatives	3
APP MTH 7006 Variational Methods for PDEs	3
APP MTH 7011 Transform Methods and Signal Processing (Masters)	3
APP MTH 7013 Systems of Queues	3
APP MTH 7015 Modelling and Analysis of Computer Networks	3
APP MTH 7016 Mathematical Methods (Masters)	3
APP MTH 7017 Continuum Mechanics	3
APP MTH 7018 Aerodynamics	3
APP MTH 7019 Stochastic Differential Equations	3
APP MTH 7020 Advanced Hydrodynamics	3
APP MTH 7022 Combinatorial Optimisation	3
APP MTH 7024 Networks of Queues	3
APP MTH 7025 Martingales	3
APP MTH 7026 Communication Network Design (Masters)	3
APP MTH 7028 Finite Difference Methods for PDEs	3
APP MTH 7029 Mathematical Economics (Masters)	3
APP MTH 7030 Chaos and Fractals	3
APP MTH 7032 Tidal Models	3
APP MTH 7036 Stochastic Processes	3
APP MTH 7040 Asymptotic Approximations	3
APP MTH 7041 Boundary Value Problems	3
APP MTH 7044 Applied Mathematics Honours Topic C	3
APP MTH 7045 Applied Mathematics Honours Topic B	3
APP MTH 7046 Foundations of Financial Economics	3
APP MTH 7047 Applied Mathematics Honours Topic F	3
APP MTH 7048 Applied Mathematics Honours Topic A	3
APP MTH 7049 Applied Mathematics Honours Topic E	3
MECH ENG 4009 Robotics	3

Mathematical Physics

PHYSICS 7004 Advanced Electromagnetism	3
PHYSICS 7006 Cosmology	3
PHYSICS 7008 Gauge Theory	3
PHYSICS 7009 General Relativity	3
PHYSICS 7014 Relativistic Quantum Mechanics and Particle Physics	3
PHYSICS 7015 Statistical Mechanics/ Many-Body Theory	3
PHYSICS 7024 Topics in Mathematical Physics A	3
PHYSICS 7025 Topics in Mathematical Physics B	3

Pure Mathematics

PURE MTH 7000 Analysis 1	3
PURE MTH 7001 Set Theory	3
PURE MTH 7002 Pure Mathematics Honours Topic B	3
PURE MTH 7003 Geometry 1	3
PURE MTH 7004 Number Theory 1	3
PURE MTH 7006 Coding Theory	3
PURE MTH 7010 Algebra 3	3
PURE MTH 7012 Problem Solving	3
PURE MTH 7018 History of Mathematics (Masters)	3
PURE MTH 7019 Algebra 2	3
PURE MTH 7020 Analysis & Signal Processing	3
PURE MTH 7021 Algebra 1	3

PURE MTH 7023 Pure Mathematics Honours Topic D	3
PURE MTH 7024 Geometry 2	3
PURE MTH 7028 Topology	3
PURE MTH 7030 Analysis 3	3
PURE MTH 7032 Analysis 2	3
PURE MTH 7033 Galois Theory	3
PURE MTH 7034 Advanced Convexity	3
PURE MTH 7038 Pure Mathematics Honours Topic A	3
PURE MTH 7042 Number Theory 2	3
PURE MTH 7045 Measure Theory	3
PURE MTH 7046 Geometry 3	3
PURE MTH 7047 Pure Mathematics Honours Topic C	3
Statistics	
STATS 7000 Advanced Medical Statistics	3
STATS 7003 Advanced Nonparametric Statistics	3
STATS 7004 Statistics Honours Topic A	3
STATS 7006 Analysis of Repeated Measures	3
STATS 7008 Statistics Honours Topic D	3
STATS 7011 Advanced Experimental Design	3
STATS 7014 Statistics Honours Topic B	3
STATS 7015 Advanced Multivariate Methods	3
STATS 7016 Statistics Honours Topic C	3
STATS 7017 Statistical Software (Masters)	3
STATS 7018 Regression Diagnostics	3
STATS 7019 Advanced Inference	3
STATS 7020 National Markets Statistics	3

(d) other courses offered by the University of Adelaide or other tertiary institutions in South Australia which are accepted by the Faculty as being equivalent to those listed above.

(e) Students may present other relevant courses or work, to the value of at most five units, as may be approved by the Faculty.

5.3.2 The availability of all courses in any year is conditional on there being adequate staffing levels.

5.4 Unacceptable combinations of courses

No candidate will be permitted to count towards an award any course, together with any other course, which, in the opinion of the Faculty concerned, contains a substantial amount of the same material; and no course or portion of a course may be counted twice towards an award.

5.5 Graduation

Subject to Chapter 89 of the Statutes, candidates who have satisfied the requirements for any award of the University shall be admitted to that award at a graduation ceremony for the purpose.

6 Special circumstances

When in the opinion of the relevant Faculty special circumstances exist, the Council, on the recommendation of the Faculty in each case, may vary any of the provisions of the Academic Program Rules for any particular award.

Syllabuses

Prospective students should consult the Program Coordinator early in the year in which the program is being offered to obtain advice as to the specific content of the program. The field of study of the major and minor projects can also be determined at that time.

Master of Mathematical Sciences (Signal and Information Processing)

Note: Postgraduate tuition fees apply to this program.

Academic Program Rules

1 General

A candidate who fulfils the foregoing requirements shall, on the recommendation of the Faculty of Engineering, Computer and Mathematical Sciences, be admitted to the degree of Master of Mathematical Sciences (Signal and Information Processing).

2 Duration of program

A candidate shall:

(a) complete any preliminary work which may be prescribed

(b) undertake an approved program of advanced study which extends over one and a half years if taken full-time or not less than three and not more than six years if taken part-time.

3 Admission

3.1 The following may be accepted as a candidate for the degree:

Any person who has qualified for an Honours degree of Bachelor of Science in either Mathematics or Physics or a degree of Bachelor of Engineering (Electrical and Electronic) with Honours of the the University of Adelaide, or for an equivalent degree of another tertiary institution accepted for the purpose by the University.

3.2 Graduates with Honours in other areas of Engineering, or in related scientific areas, may be accepted at the discretion of the Faculty.

3.3 Subject to the approval of the Council, the Faculty may, in exceptional circumstances and subject to such conditions (if any) as it may see fit to impose in each case, accept as a candidate for the degree a person who does not qualify under 3.1 or 3.2 but who has given evidence satisfactory to the Faculty of fitness to undertake work for the degree.

3.4 Status and credit transfer

A candidate who has passed courses in this or other educational institutions and who has not presented these courses towards any award may, on written application to the Faculty, be granted status for a maximum of 4 units under 5.3.2 of the Academic Program Rules.

4 Assessment and examination

4.1 Review of academic progress

If in the opinion of the Faculty a candidate for the degree is not making satisfactory progress, the Faculty may, with the consent of the Council, terminate the candidature.

5 Qualification requirements

5.1 To qualify for the degree a candidate shall:

(a) comply with conditions as prescribed in the Academic Program Rules and

(b) pass such examinations on the candidate's program of advanced study as may be required by the Faculty.

5.2 Unacceptable combinations of courses

Except as provided in 5.3.5, no candidate will be permitted to count towards an award any course, together with any other course, which, in the opinion of the Faculty concerned, contains a substantial amount of the same material; and no course or portion of a course may be counted twice towards an award..

5.3 Academic program

5.3.1 A candidate for the degree shall regularly attend lectures and tutorials, do such written and practical work as may be prescribed, and satisfactorily complete courses to the value of at least 36 units as defined in 5.3.2.

5.3.2 The program of study to the value of at least 36 units shall consist of:

(i) courses to the value of at least 18 units selected from:

ELEC ENG 7015SIP Optimal and Adaptive Signal Processing	3
ELEC ENG 7017SIP Beamforming and Array Processing	3
PURE MTH 7041SIP Mathematical Coding and Cryptology	3
SIP 7001 Information Theory	3
SIP 7002 Kalman Filtering and Tracking	3
SIP 7003 Error Control Coding	3
SIP 7004 Mobile Communications	3

SIP 7005 Multisensor Data Fusion	3
SIP 7007 Image Processing	3
SIP 7009 Speech Processing	3
SIP 7011Signal Processing Applications	3
SIP 7012 Detection, Estimation and Classification	3
SIP 7013 Introduction to Discrete Linear Systems	3
SIP 7015 Signal Synthesis and Analysis	3
SIP 7017 Specialised Studies A	3
SIP 7018 Specialised Studies B	3
SIP 7019 Specialised Studies C	3
SIP 7020 Specialised Studies D	3
SIP 7023 Satellite Communications	3

Specialised Studies may consist of directed readings or approved short courses as approved by the Faculty. The content and assessment of these courses will be determined in each case by the academic coordinator of the course in consultation with the student's supervisor and the student.

(ii) Honours and other relevant courses offered by the the University of Adelaide or other tertiary institutions in South Australia as may be approved by the Faculty.

(iii) supervised project work consisting of the course:

MATHS 7008 A/B Mathematical Signal and Information Processing Project	6

Note: Intending students should consult the relevant school early in the year in which they plan to study in order to ascertain whether particular courses will be available in that year, which semester they will be taught and their precise content.

5.3.3 Students who are required to undertake preliminary work will normally enrol in one of the following courses:

MATHS 7010A/B Qualifying Studies in Mathematics (Full-time)	12
MATHS 7021A/B Qualifying Studies in Mathematics (Part-time)	6

On satisfactory completion of this work the student will proceed to study as outlined in 5.3.1 above.

5.3.4 The Faculty may grant status of up to 12 units for studies undertaken within an Honours degree in either Mathematics or Physics, or a degree of Bachelor of Engineering (Electrical and Electronic) with Honours of the the University of Adelaide, or within an equivalent degree of another tertiary institution. These candidates will still need to present a minimum of 24 units towards the Master of Mathematical Sciences (Signal and Information Processing) that have not been presented for any other degree.

5.3.5 Candidates who are granted exemption from one or more of the courses listed in 5.3.2 (i) on the basis of previous studies may select in their place other relevant courses offered by the the University of Adelaide or other tertiary institutions in South Australia as may be approved by the Faculty.

5.3.6 The availability of all courses is conditional on there being adequate staffing and resources.

5.4 Graduation

Subject to Chapter 89 of the Statutes, candidates who have satisfied the requirements for any award of the University shall be admitted to that award at a graduation ceremony for the purpose.

6 Special circumstances

When in the opinion of the relevant Faculty special circumstances exist, the Council, on the recommendation of the Faculty in each case, may vary any of the provisions of the Academic Program Rules for any particular award.

Syllabuses

Prospective students should consult the program coordinator early in the year in which the program is being offered regarding the content of the specific courses that are to be offered in that year.

textbooks

Information on appropriate textbooks will be provided by the course coordinator at the commencement of each course.

examinations

For each course students may obtain from the course coordinator details of the examination in that course including the relevant weight given to the components (eg. such as the following as are relevant: assessments, semester or mid-semester tests, essays or other written or practical work, final written examinations, viva voce examinations).

Master of Science in Mathematical and Computer Sciences

Academic Program Rules

1 General

1.1 This document must be read in conjunction with:

(a) the General Academic Program Rules for Master by Research Programs (see under Adelaide Graduate Centre, p.8) *and*

(b) the Code of Practice for Maintaining and Monitoring Academic Quality and Standards in Higher Degrees by Research, published by the Adelaide Graduate Centre.

These documents explain procedures to be followed and contain guidelines on supervision and research for the degree of Doctor of Philosophy and the various Masters Degrees by Research, offered by the University.

All students must comply with both the General Academic Rules and the rules following below, and procedures outlined in the Code of Practice.

In addition to the General Academic Program Rules for Masters by Research degrees, in this publication, the following discipline specific rules apply.

2 Admission

2.1 Further to Rules 5.1 a and b of the General Program Rules, the following persons may become candidates for the degree of Master of Science in Mathematical and Computer Sciences:

(a) (I) Bachelors of Arts

(ii) Bachelors of Science

(b) Persons who have obtained an Honours degree from a University in a suitable Mathematics or Computer Science discipline, or a qualification deemed by the Board of Research Education and Development to be equivalent

2.2 Academic program

To qualify for the degree, a candidate shall satisfactorily complete a program of study consisting of one of the following approved options:

(a) a candidate shall submit a thesis upon an approved course and shall adduce sufficient evidence that the thesis is his/her own work. The thesis shall give the results of original research or of an investigation on which the candidate has been engaged. A candidate may also submit other contributions to mathematical sciences in support of his/her candidature

(b) a candidate shall pursue a program of advanced study comprising one-third coursework* and two-thirds research and shall submit a thesis describing the results of this research. The thesis while subject to the same conditions as those applying under option (a) would normally be of a less substantial character.

*This represents courses to the value of 8 units per year for full-time candidates or equivalent part-time.

2.3 Courses of study

Courses listed in the Academic Program Rules of Masters degrees in Mathematical Sciences and deemed suitable for the degree by the Board.

Notwithstanding the above, the availability of all courses is conditional on the availability of staff and facilities and sufficient enrolments.

2.4 Unacceptable combinations of courses

No candidate will be permitted to count towards an award any course, together with any other course, which, in the opinion of the Board, contains a substantial amount of the same material: and no course or portion of a course may be counted twice towards an award.

Doctor of Science in the Faculty of Engineering, Computer and Mathematical Sciences

Academic Program Rules

1 (a) Subject to these academic Program Rules a person who has been admitted in the University of Adelaide to an Honours degree of Bachelor of Science or a degree of Master of Science, Arts or Economics, or to the degree of Doctor of Philosophy in a field of study approved by the Faculty of Engineering, Computer and Mathematical Sciences, may proceed to the degree of Doctor of Science in the Faculty of Engineering, Computer and Mathematical Sciences.

(b) On the recommendation of the Faculty of Engineering, Computer and Mathematical Sciences the Board of Research Education and Development acting with authority wittingly devolved to it by Council may accept as a candidate for the degree a person who has been admitted to a degree in the University of Adelaide other than one named in section (a) of this regulation, or who is a graduate of another university or institution of higher education recognised by the University of Adelaide and has a substantial association with the University; provided that in each case the graduate concerned has, in the opinion of the Faculty, had an adequate training in the mathematical sciences.

(c) No person shall be accepted as a candidate for the degree of Doctor of Science in the Faculty of Engineering, Computer and Mathematical Sciences before the expiration of five years from the date of his/her original graduation.

2 (a) A person who desires to become a candidate for the degree shall give notice of his/her intended candidature in writing to the Manager, Graduate Administration and Scholarships and with such notice shall furnish particulars of his/her achievements in the mathematical sciences and of the work which he/she proposes to submit for the degree.

(b) The Faculty of Engineering, Computer and Mathematical Sciences shall appoint a committee to examine the information submitted and to advise the Faculty on whether the Faculty should

(i) allow the applicant to proceed, and approve the subject or subjects of the work to be submitted

or

(ii) advise the applicant not to submit his/her work: and the Faculty's decision shall be conveyed to the applicant.

(c) If it accepts the candidature and approves the subject or subjects of the work to be submitted the Faculty shall nominate examiners of whom one at least shall be an external examiner.

3 (a) To qualify for the degree the candidate shall furnish satisfactory evidence that he/she has made an original contribution of distinguished merit adding to the knowledge or understanding of any subject with which the Faculty is directly concerned.

(b) The degree shall be awarded primarily on a consideration of such of his/her published works as the candidate may submit for examination.

(c) The candidate in submitting his/her published works shall state generally in a preface and specifically in notes the main sources from which his/her information is derived and the extent to which he/she has availed himself of the work of others, especially where joint publications are concerned. He/she may also signify in general terms the portions of his/her work which he/she claims as original.

(d) The candidate is required to indicate what part, if any, of the work he/she has submitted for a degree in this or any other university.

4 The candidate shall lodge with the Adelaide Graduate Centre three copies of the work prepared in accordance with the directions given in sub-paragraph (b) of clause 2B of Chapter XXV of the Statutes. If the work is accepted for the degree two of the copies will be transmitted to the University Library.

5 A candidate who complies with the foregoing conditions and satisfies the examiners may, on the recommendation of the Faculty of Engineering, Computer and Mathematical Sciences, be admitted to the degree of Doctor of Science in the Faculty of Engineering, Mathematical and Computer Sciences.

6 Notwithstanding anything contained in the preceding rules, the Faculty may recommend the award of the degree to any person who is not a member of the staff of the University. Any such recommendation must be

accompanied by evidence that the person for whom the award is proposed has made an original and substantial contribution of distinguished merit to the knowledge or understanding of a subject with which the Faculty is directly concerned, of a standard not less than required by regulation 3.

For further information please contact the Adelaide Graduate Centre.

Regulations allowed 28 February, 1974.

Amended: 15 Jan. 1976: 6; 4 Feb. 1982: 2, 4; 21 Feb. 1991: 1.

Rule approved and Regulation repealed 18 March 1999.

Faculty of Humanities and Social Sciences

www.arts.adelaide.edu.au

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Notes on Delegated Authority

1 Council has delegated the power to approve minor changes to the Academic Program Rules to the Executive Deans of Faculties.

2 Council has delegated the power to specify syllabuses to the Head of each department or centre concerned, such syllabuses to be subject to approval by the Faculty or by the Executive Dean on behalf of the Faculty.

Professional Certificate in Applied Anthropology

Note: Subject to availability

Academic Program Rules

1 Duration of program

To qualify for the Professional Certificate, a candidate shall satisfactorily complete one semester of part-time study or the equivalent in intensive mode.

2 Admission

2.1 An applicant for admission to the academic program for the Professional Certificate in Applied Anthropology shall have qualified for a degree of the University or a degree of another institution accepted by the Faculty for the purpose as equivalent to a degree of the University.

2.2 The Faculty may accept as a candidate for the Professional Certificate a person who does not satisfy the requirements of Rule 2.1 above but who presents evidence of professional experience appropriate to undertake work for the Professional Certificate.

2.3 Articulation with other awards

2.3.1 Students who complete this academic program are also eligible to apply for entry to the Graduate Certificate in Applied Anthropology and be granted status for the work they have undertaken in the Professional Certificate.

2.3.2 Students who have conferred upon them the award of Professional Certificate in Applied Anthropology who subsequently satisfy the requirements of the Graduate Certificate in Applied Anthropology must surrender their Professional Certificate before being admitted to the higher award.

3 Assessment and examinations

3.1 There shall be four classifications of pass in any subject for the Professional Certificate: Pass with High Distinction, Pass with Distinction, Pass with Credit and Pass.

3.2 A candidate shall not be eligible to submit work for assessment unless the prescribed work has been completed to the satisfaction of the teaching staff concerned.

4 Qualification requirements

4.1 Academic program

To qualify for the Professional Certificate in Applied Anthropology, a candidate shall complete one of the following courses:

ANTH 5002 Anthropological Practice	6
ANTH 5001 Anthropology for Native Title Practice	6
ANTH 5004 Social Theory Applications	6
ANTH 5005 An Anthropology of Justice and Law	6
ANTH 5006 Environmentalism: Anthropological Perspectives	6
ANTH 5007 Health: Institutions, Discourses and Power	6

4.2 Unacceptable combination of courses

No candidate will be permitted to count towards an award any course, together with any other course, which, in the opinion of the Faculty concerned, contains a substantial amount of the same material; and no course or portion of a course may be counted twice towards an award.

4.3 Graduation

Subject to Chapter 89 of the Statutes, candidates who have satisfied the requirements for any award of the University shall be admitted to that award at a graduation ceremony for the purpose.

5 Special circumstances

When in the opinion of the relevant Faculty special circumstances exist, the Council, on the recommendation of the Faculty in each case, may vary any of the provisions of the Academic Program Rules for any particular award.

Professional Certificate in Art History

Academic Program Rules

1. Duration of program

To qualify for the Professional Certificate, a candidate shall satisfactorily complete one semester of part-time study or the equivalent in intensive mode.

2 Admission

2.1 An applicant for admission to the academic program for the Professional Certificate in Art History shall have qualified for a degree of the University or a degree of another institution accepted by the Faculty for the purpose as equivalent to a degree of the University.

2.2 The Faculty may accept as a candidate for the Professional Certificate a person who does not satisfy the requirements of Rule 2.1 above but who presents evidence of professional experience appropriate to undertake work for the Professional Certificate.

2.3 Articulation with other awards

2.3.1 Students who complete this academic program are also eligible to apply for entry to the Graduate Certificate in Art History and be granted status for the work they have undertaken in the Professional Certificate.

2.3.2 Students who have conferred upon them the award of Professional Certificate in Art History who subsequently satisfy the requirements of the Graduate Certificate, Graduate Diploma or Master of Arts (Studies in Art History) must surrender their Professional Certificate before being admitted to the higher award.

2.3.3 A candidate for the Graduate Certificate, Graduate Diploma or Master of Arts (Studies in Art History) who does not complete the requirements for the higher award but satisfies the requirements for the Professional Certificate may be admitted to the Professional Certificate.

3 Assessment and examinations

3.1 There shall be four classifications of pass in any subject for the Professional Certificate: Pass with High Distinction, Pass with Distinction, Pass with Credit and Pass.

3.2 A candidate shall not be eligible to submit work for assessment unless the prescribed work has been completed to the satisfaction of the teaching staff concerned.

3.3 A candidate who has failed a course twice may not re-enrol in that course except by special permission of the Faculty and then only under such conditions as may be prescribed.

4 Qualifications requirements

4.1 Academic program

To qualify for the Professional Certificate, a candidate shall satisfactorily complete one course from the program in Art History, as listed below.

ARTH 5200 Studies in European Paintings Connoisseurship	6
ARTH 5201 Studies in Australian Colonial Art	6
ARTH 5202 Studies in Asian Art	6
ARTH 5203 Studies in Australian Art	6
ARTH 5204 Studies in European Art Since the Renaissance	6
ARTH 5208 Studies in Contemporary Art	6
ARTH 5209 Studies in Australian Indigenous Art	6
ARTH 5210 Studies in British Art	6
ARTH 5211 Studies in Decorative Arts	6
ARTH 5212 Studies in Japanese Art	6
ARTH 5213 Studies in South-East Asian Art	6
ARTH 5214 Studies in Modern Art	6

4.2 Unacceptable combinations of courses

No candidate will be permitted to count towards an award any course, together with any other course, which, in the opinion of the Faculty concerned, contains a substantial amount of the same material; and no course or portion of a course may be counted twice towards an award.

4.3 Graduation

Subject to Chapter 89 of the Statutes, candidates who have satisfied the requirements for any award of the University shall be admitted to that award at a graduation ceremony for the purpose.

5 Special circumstances

When in the opinion of the relevant Faculty special circumstances exist, the Council, on the recommendation of the Faculty in each case, may vary any of the provisions of the Academic Program Rules for any particular award.

Professional Certificate in Coastal Management

Note: Subject to availability

Academic Program Rules

1 Duration of program

To qualify for the Professional Certificate, a candidate shall satisfactorily complete one semester of part-time study or the equivalent in intensive mode.

2 Admission

2.1 An applicant for admission to the academic program for the Professional Certificate in Coastal Management shall have qualified for a degree of the University or a degree of another institution accepted by the Faculty for the purpose as equivalent to a degree of the University.

2.2 The Faculty may accept as a candidate for the Professional Certificate a person who does not satisfy the requirements of Rule 2.1 above but who presents evidence of professional experience appropriate to undertake work for the Professional Certificate.

2.3 Articulation with other awards

2.3.1 Students who complete this academic program are also eligible to apply for entry to the Graduate Certificate in Environmental Studies and be granted status for the work they have undertaken in the Professional Certificate.

2.3.2 Students who have conferred upon them the award of Professional Certificate in Coastal Management who subsequently satisfy the requirements of the Graduate Certificate in Environmental Studies must surrender their Professional Certificate before being admitted to the higher award.

3 Assessment and examinations

3.1 There shall be four classifications of pass in any subject for the Professional Certificate: Pass with High Distinction, Pass with Distinction, Pass with Credit and Pass.

3.2 A candidate shall not be eligible to submit work for assessment unless the prescribed work has been completed to the satisfaction of the teaching staff concerned.

4 Qualification requirements

4.1 Academic program

To qualify for the Professional Certificate in Coastal Management, a candidate shall complete the following course:

ENVT 5061 Integrated Coastal Management and Industry Placement 6

4.2 Unacceptable combinations of courses

No candidate will be permitted to count towards an award any course, together with any other course, which, in the opinion of the Faculty concerned, contains a substantial amount of the same material; and no course or portion of a course may be counted twice towards an award.

4.3 Graduation

Subject to Chapter 89 of the Statutes, candidates who have satisfied the requirements for any award of the University shall be admitted to that award at a graduation ceremony for the purpose.

5 Special circumstances

When in the opinion of the relevant Faculty special circumstances exist, the Council, on the recommendation of the Faculty in each case, may vary any of the provisions of the Academic Program Rules for any particular award.

Le Cordon Bleu Professional Certificate in Gastronomy

Academic Program Rules

1 Duration of program

To qualify for the Professional Certificate, a candidate shall satisfactorily complete one semester of part-time study or the equivalent in intensive mode.

2 Admission

2.1 An applicant for admission to the academic program for the Professional Certificate in Gastronomy shall have qualified for a degree of the University or a degree of another institution accepted by the Faculty for the purpose as equivalent to a degree of the University.

2.2 The Faculty may accept as a candidate for the Professional Certificate a person who does not satisfy the requirements of Rule 2.1 above but who presents evidence of professional experience appropriate to undertake work for the Professional Certificate.

2.3 Articulation with other awards

2.3.1 Students who complete this academic program are also eligible to apply for entry to the Graduate Certificate in Gastronomy and be granted status for the work they have undertaken in the Professional Certificate.

2.3.2 Students who have conferred upon them the award of Professional Certificate in Gastronomy who subsequently satisfy the requirements of the Graduate Certificate, Graduate Diploma or Master of Arts (Gastronomy) must surrender their Professional Certificate before being admitted to the higher award.

2.3.3 A candidate for the Graduate Certificate, Graduate Diploma or Master of Arts (Gastronomy) who does not complete the requirements for the higher award but satisfies the requirements for the Professional Certificate may be admitted to the Professional Certificate.

3 Assessment and examination

3.1 There shall be four classifications of pass in any subject for the Professional Certificate: Pass with High Distinction, Pass with Distinction, Pass with Credit and Pass.

3.2 A candidate shall not be eligible to submit work for assessment unless the prescribed work has been completed to the satisfaction of the teaching staff concerned.

3.3 A candidate who has failed a course twice may not re-enrol in that course except by special permission of the Faculty and then only under such conditions as may be prescribed.

4 Qualification requirements

4.1 Academic program

To qualify for the Professional Certificate, a candidate shall satisfactorily complete the following course:

GAST 5300 Principles of Gastronomy 6

4.2 Unacceptable combinations of courses

No candidate will be permitted to count towards an award any course, together with any other course, which, in the opinion of the Faculty concerned, contains a substantial amount of the same material; and no course or portion of a course may be counted twice towards an award.

4.3 Graduation

Subject to Chapter 89 of the Statutes, candidates who have satisfied the requirements for any award of the University shall be admitted to that award at a graduation ceremony for the purpose.

5 Special circumstances

When in the opinion of the relevant Faculty special circumstances exist, the Council, on the recommendation of the Faculty in each case, may vary any of the provisions of the Academic Program Rules for any particular award.

Graduate Certificate in Applied Anthropology

Note: This program will not be offered in 2004

Academic Program Rules

1 Duration of program

To qualify for the Graduate Certificate, a candidate shall satisfactorily complete one semester of full-time study or not more than one year of part-time study.

2 Admission

2.1 An applicant for admission to the academic program for the Graduate Certificate in Applied Anthropology shall have qualified for a degree of the University or a degree of another institution accepted by the Faculty for the purpose as equivalent to a degree of the University.

2.2 The Faculty may, subject to such conditions as it may see fit to impose in each case, accept as a candidate for the Graduate Certificate a person who does not satisfy the requirements of Rule 2.1 above but who has presented evidence satisfactory to the Faculty of fitness to undertake work for the Graduate Certificate.

2.3 Status, exemption and credit transfer

2.3.1 Except with special permission of the Faculty, no candidate will be granted status for any course that he or she has presented for another award.

2.3.2 Such status as may be awarded in exceptional circumstances will only be awarded for graduate level studies.

2.3.3 In any case, no candidate will be awarded more than 6 units of status.

2.3.4 A candidate who fails a course and wishes to repeat that course shall, unless exempted partially therefrom by the Executive Dean of the Faculty, again complete the required work in the course to the satisfaction of the teaching staff concerned.

2.4 Articulation with other awards

2.4.1 Students who complete this academic program are also eligible to apply for entry to the Graduate Diploma in Applied Anthropology, and be granted status for the work they have undertaken in the Graduate Certificate.

2.4.2 Students who have conferred upon them the award of Graduate Certificate in Applied Anthropology who subsequently satisfy the requirements of the Graduate Diploma must surrender their Graduate Certificate before being admitted to the Graduate Diploma.

2.4.3 A candidate for the Graduate Diploma in Applied Anthropology who does not complete the requirements for the Graduate Diploma but satisfies the requirements for the Graduate Certificate may be admitted to the Graduate Certificate.

3 Assessment and examinations

3.1 There shall be four classifications of pass in any course for the Graduate Certificate: Pass with High Distinction, Pass with Distinction, Pass with Credit and Pass.

3.2 (a) A candidate shall not be eligible to be assessed by examination or otherwise, unless the prescribed work has been completed to the satisfaction of the teaching staff concerned.

(b) For the purpose of this Rule, a candidate who is refused permission to to be assessed by examination or otherwise shall be deemed to have failed the course.

3.3 A candidate who has failed a course twice may not re-enrol in that course except by special permission of the Faculty and then only under such conditions as may be prescribed.

4 Qualification requirements

4.1 Academic Program

To qualify for the Graduate Certificate, a candidate shall satisfactorily complete courses to the value of 12 units, as follows:

4.1.1 Core Course

All candidates shall complete the following core course:

ANTH 5002 Anthropological Practice	6

4.1.2 Elective Courses

All candidates shall complete 6 units selected from the following elective courses:

ANTH 5001 Anthropology for Native Title Practice	6
ANTH 5004 Social Theory Applications	6
ANTH 5005 An Anthropology of Justice and Law	6

ANTH 5006 Environmentalism: Anthropological Perspectives	6
ANTH 5007 Health: Institutions, Discourses and Power	6
ANTH 5008 Research Internship	6

4.2 Unacceptable combinations of courses

No candidate will be permitted to count towards an award any course, together with any other course, which, in the opinion of the Faculty concerned, contains a substantial amount of the same material; and no course or portion of a course may be counted twice towards an award.

4.3 Graduation

Subject to Chapter 89 of the Statutes, candidates who have satisfied the requirements for any award of the University shall be admitted to that award at a graduation ceremony for the purpose.

5 Special circumstances

When in the opinion of the relevant Faculty special circumstances exist, the Council, on the recommendation of the Faculty in each case, may vary any of the provisions of the Academic Program Rules for any particular award.

Graduate Certificate in Applied Historical Studies

Note: This program will not be offered in 2004

Academic Program Rules

1 Duration of program

To qualify for the Graduate Certificate, a candidate shall satisfactorily complete one semester of full-time study or no more than one year of part-time study.

2 Admission

2.1 An applicant for admission to the program of study for the Graduate Certificate in Applied Historical Studies shall have qualified for a degree of the University or a degree of another institution accepted by the Faculty for the purpose as equivalent to a degree of the University.

2.2 The Faculty may, subject to such conditions as it may see fit to impose in each case, accept as a candidate for the Graduate Certificate a person who does not satisfy the requirements of Rule 2.1 above but who has presented evidence satisfactory to the Faculty of fitness to undertake work for the Graduate Certificate.

2.3 Status, exemption and credit transfer

2.3.1 Except with special permission of the Faculty, no candidate will be granted status for any course which he or she has completed for another award.

2.3.2 Such status as may be awarded in exceptional circumstances will only be awarded for graduate level studies

2.3.3 In any case, no candidate will be awarded more than 6 units of status.

2.3.4 A candidate who fails a course and desires to repeat that course shall, unless exempted partially therefrom by the Executive Dean of Faculty, again complete the required work in the course to the satisfaction of the teaching staff concerned.

2.4 Articulation with other awards

2.4.1 Students who complete this program are also eligible to apply for entry to the Graduate Diploma in Applied Historical Studies program, and be granted status for the work they have undertaken in the Graduate Certificate.

2.4.2 Students who have conferred upon them the award of Graduate Certificate in Applied Historical Studies who subsequently satisfy the requirements of the Graduate Diploma must surrender their Graduate Certificate before being admitted to the Graduate Diploma.

2.4.3 A candidate for the Graduate Diploma in Applied Historical Studies who does not complete the requirements for the Graduate Diploma but satisfies the requirements for the Graduate Certificate may be admitted to the Graduate Certificate.

3 Assessment and examinations

3.1 There shall be four classifications of pass in any course for the Graduate Certificate: Pass with High Distinction, Pass with Distinction, Pass with Credit and Pass.

3.2 (a) A candidate shall not be eligible to be assessed by examination or otherwise, unless the prescribed work has been completed to the satisfaction of the teaching staff concerned.

(b) For the purpose of this Rule, a candidate who is refused permission to to be assessed by examination or otherwise shall be deemed to have failed the course.

4 Qualification requirements

4.1 Academic program

To qualify for the Graduate Certificate, a candidate shall satisfactorily complete courses to the value of 12 units as follows:

4.1.1 Core courses

All candidates shall complete the following courses:

HIST 5003 Public History: Principles & Practice	6
HIST 5005 Heritage and History in Contemporary Australia	6

4.2 Unacceptable combinations of courses

No candidate will be permitted to count towards an award any course, together with any other course, which, in the opinion of the Faculty concerned, contains a substantial amount of the same material; and no course or portion of a course may be counted twice towards an award.

4.3 Graduation

Subject to Chapter 89 of the Statutes, candidates who have satisfied the requirements for any award of the University shall be admitted to that award at a graduation ceremony for the purpose.

5 Special circumstances

When in the opinion of the relevant Faculty special circumstances exist, the Council, on the recommendation of the Faculty in each case, may vary any of the provisions of the Academic Program Rules for any particular award.

Graduate Certificate in Applied Linguistics

Academic Program Rules

1 Duration of program

To qualify for the Graduate Certificate, a candidate shall satisfactorily complete one semester of full-time study or not more than one year of part-time study.

2 Admission

2.1 An applicant for admission to the program of study for the Graduate Certificate in Applied Linguistics shall have qualified for a degree of the University or a degree of another institution accepted by the Faculty for the purpose as equivalent to a degree of the University, with at least one major in the area of linguistics or languages.

2.2 The Faculty may, subject to such conditions as it may see fit to impose in each case, accept as a candidate for the Graduate Certificate a person who does not satisfy the requirements of Rule 2.1 above but who has presented evidence satisfactory to the Faculty of fitness to undertake work for the Graduate Certificate

2.3 Status, exemption and credit transfer

2.3.1 Except with special permission of the Faculty, no candidate will be granted status for any course which he or she has completed for another award.

2.3.2 Such status as may be awarded in exceptional circumstances will only be awarded for graduate level studies

2.3.3 In any case, no candidate will be awarded more than 6 units of status.

2.3.4 A candidate who fails a course and desires to repeat that course shall, unless exempted partially therefrom by the Executive Dean of Faculty, again complete the required work in the course to the satisfaction of the teaching staff concerned.

2.4 Articulation with other awards

2.4.1 Students who complete this program are also eligible to apply for entry to the Graduate Diploma in Applied Linguistics program, and be granted status for the work they have undertaken in the Graduate Certificate.

2.4.2 Students who have conferred upon them the award of Graduate Certificate in Applied Linguistics who subsequently satisfy the requirements of the Graduate Diploma must surrender their Graduate Certificate before being admitted to the Graduate Diploma.

2.4.3 A candidate for the Graduate Diploma in Applied Linguistics who satisfies the requirements for the Graduate Certificate but who does not complete the requirements for the Graduate Diploma may be admitted to the Graduate Certificate.

3 Assessment and examinations

3.1 There shall be four classifications of pass in any course for the Graduate Certificate: Pass with High Distinction, Pass with Distinction, Pass with Credit and Pass.

3.2 (a) A candidate shall not be eligible to be assessed by examination or otherwise, unless the prescribed work has been completed to the satisfaction of the teaching staff concerned.

(b) For the purpose of this Rule, a candidate who is refused permission to to be assessed by examination or otherwise shall be deemed to have failed the course.

4 Qualification requirements

4.1 Academic program

To qualify for the Graduate Certificate, a candidate shall satisfactorily complete courses to the value of 12 units, as follows:

4.1.1 Core courses

All candidates shall complete one of the following courses:

LING 5109 Language Teaching in Specific Settings (Grad Cert)	3
or	
LING 5111 Language and Learning (Grad Cert)	3

4.1.2 Elective courses

All candidates shall complete elective courses to the value of 6 units chosen from the following:

LING 5041 Action Research	3
LING 5101 Computer Assisted Language Learning (Grad Cert)	3
LING 5103 Directed Study in Linguistics	3
LING 5104 Language and Meaning (Grad Cert)	3
LING 5110 English for Academic Purposes (Grad Cert)	3

4.1.3 Students may select the other core option as an elective.

4.2 Unacceptable combinations of courses

No candidate will be permitted to count towards an award any course, together with any other course, which, in the opinion of the Faculty concerned, contains a substantial amount of the same material; and no course or portion of a course may be counted twice towards an award.

4.3 Graduation

Subject to Chapter 89 of the Statutes, candidates who have satisfied the requirements for any award of the University shall be admitted to that award at a graduation ceremony for the purpose.

5 Special circumstances

When in the opinion of the relevant Faculty special circumstances exist, the Council, on the recommendation of the Faculty in each case, may vary any of the provisions of the Academic Program Rules for any particular award.

Graduate Certificate in Art History

Academic Program Rules

1 Duration of program

To qualify for the Graduate Certificate, a candidate shall satisfactorily complete one semester of full-time study or not more than one year of part-time study.

2 Admission

2.1 An applicant for admission to the academic program for the Graduate Certificate in Art History shall have qualified for a degree of the University or a degree of another institution accepted by the Faculty for the purpose as equivalent to a degree of the University.

2.2 The Faculty may, subject to such conditions as it may see fit to impose in each case, accept as a candidate for the Graduate Certificate a person who does not satisfy the requirements of Rule 2.1 above but who has presented evidence satisfactory to the Faculty of fitness to undertake work for the Graduate Certificate.

2.3 Status, exemption and credit transfer

2.3.1 Except with special permission of the Faculty, no candidate will be granted status for any course that he or she has presented for another award.

2.3.2 Such status as may be awarded in exceptional circumstances will only be awarded for graduate level studies.

2.3.3 In any case, no candidate will be awarded more than 6 units of status.

2.3.4 A candidate who fails a course and wishes to repeat that course shall, unless exempted partially therefrom by the Executive Dean of the Faculty, again complete the required work in the course to the satisfaction of the teaching staff concerned.

2.4 Articulation with other awards

2.4.1 Students who complete this academic program are also eligible to apply for entry to the Graduate Diploma in Art History and be granted status for the work they have undertaken in the Graduate Certificate.

2.4.2 Students who have conferred upon them the award of Graduate Certificate in Art History who subsequently satisfy the requirements of the Graduate Diploma must surrender their Graduate Certificate before being admitted to the Graduate Diploma.

2.4.3 A candidate for the Graduate Diploma in Art History who does not complete the requirements for the Graduate Diploma but satisfies the requirements for the Graduate Certificate may be admitted to the Graduate Certificate.

3 Assessment and examinations

3.1 There shall be four classifications of pass in any course for the Graduate Certificate: Pass with High Distinction, Pass with Distinction, Pass with Credit and Pass.

3.2 (a) A candidate shall not be eligible to be assessed by examination or otherwise, unless the prescribed work has been completed to the satisfaction of the teaching staff concerned.

(b) For the purpose of this Rule, a candidate who is refused permission to to be assessed by examination or otherwise shall be deemed to have failed the course.

3.3 A candidate who has failed a course twice may not re-enrol in that course except by special permission of the Faculty and then only under such conditions as may be prescribed.

4 Qualification requirements

4.1 Academic program

To qualify for the Graduate Certificate, a candidate shall satisfactorily complete courses to the value of 12 units, chosen from the following:

ARTH 5200 Studies in European Paintings Connoisseurship	6
ARTH 5201 Studies in Australian Colonial Art	6
ARTH 5202 Studies in Asian Art	6
ARTH 5203 Studies in Australian Art	6
ARTH 5204 Studies in European Art Since the Renaissance	6
ARTH 5208 Studies in Contemporary Art	6
ARTH 5209 Studies in Australian Indigenous Art	6
ARTH 5210 Studies in British Art	6
ARTH 5211 Studies in Decorative Arts	6
ARTH 5212 Studies in Japanese Art	6
ARTH 5213 Studies in South-East Asian Art	6
ARTH 5214 Studies in Modern Art	6

4.2 Unacceptable combinations of courses

No candidate will be permitted to count towards an award any course, together with any other course, which, in the opinion of the Faculty concerned, contains a substantial amount of the same material; and no course or portion of a course may be counted twice towards an award.

4.3 Graduation

Subject to Chapter 89 of the Statutes, candidates who have satisfied the requirements for any award of the University shall be admitted to that award at a graduation ceremony for the purpose.

5 Special circumstances

When in the opinion of the relevant Faculty special circumstances exist, the Council, on the recommendation of the Faculty in each case, may vary any of the provisions of the Academic Program Rules for any particular award.

Graduate Certificate in Creative Writing

Academic Program Rules

1 Duration of program

To qualify for the Graduate Certificate, a candidate shall satisfactorily complete one semester of full-time study or not more than one year of part-time study.

2 Admission

2.1 An applicant for admission to the program of study for the Graduate Certificate in Creative Writing shall have qualified for a degree of the University or a degree of another institution accepted by the Faculty for the purpose as equivalent to a degree of the University, and present a suitable portfolio of creative writing.

2.2 The Faculty may, subject to such conditions as it may see fit to impose in each case, accept as a candidate for the Graduate Certificate a person who does not satisfy the requirements of Rule 2.1 above but who has presented evidence satisfactory to the Faculty of fitness to undertake work for the Graduate Certificate.

2.3 Status, exemption and credit transfer

2.3.1 Except with special permission of the Faculty, no candidate will be granted status for any course which he or she has completed for another award.

2.3.2 Such status as may be awarded in exceptional circumstances will only be awarded for graduate level studies.

2.3.3 In any case, no candidate will be awarded more than 6 units of status.

2.3.4 A candidate who fails a course and desires to repeat that course shall, unless exempted partially therefrom by the Executive Dean of Faculty, again complete the required work in the course to the satisfaction of the teaching staff concerned.

2.4 Articulation with other awards

2.4.1 Students who complete this program are also eligible to apply for entry to the Graduate Diploma in Creative Writing program, and be granted status for the work they have undertaken in the Graduate Certificate.

2.4.2 Students who have conferred upon them the award of Graduate Certificate in Creative Writing who subsequently satisfy the requirements of the Graduate Diploma must surrender their Graduate Certificate before being admitted to the Graduate Diploma.

2.4.3 A candidate for the Graduate Diploma in Creative Writing who does not complete the requirements for the Graduate Diploma but satisfies the requirements for the Graduate Certificate may be admitted to the Graduate Certificate.

3 Assessment and examinations

3.1 There shall be four classifications of pass in any course for the Graduate Certificate: Pass with High Distinction, Pass with Distinction, Pass with Credit and Pass.

3.2 (a) A candidate shall not be eligible to be assessed by examination or otherwise, unless the prescribed work has been completed to the satisfaction of the teaching staff concerned.

(b) For the purpose of this Rule, a candidate who is refused permission to to be assessed by examination or otherwise shall be deemed to have failed the course.

3.3 A candidate who has failed a course twice may not re-enrol in that course except by special permission of the Faculty and then only under such conditions as may be prescribed.

4 Qualification requirements

4.1 Academic Program

To qualify for the Graduate Certificate, a candidate shall satisfactorily complete courses to the value of 12 units, as follows:

All candidates shall complete

ENGL 5001 Work in Progress	8
ENGL 5002 Creative Writing Study A	4

4.2 Unacceptable combinations of courses

No candidate will be permitted to count towards an award any course, together with any other course, which, in the opinion of the Faculty concerned, contains a substantial amount of the same material; and no course or portion of a course may be counted twice towards an award.

4.3 Graduation

Subject to Chapter 89 of the Statutes, candidates who have satisfied the requirements for any award of the University shall be admitted to that award at a graduation ceremony for the purpose.

5 Special circumstances

When in the opinion of the relevant Faculty special circumstances exist, the Council, on the recommendation of the Faculty in each case, may vary any of the provisions of the Academic Program Rules for any particular award.

Graduate Certificate in Environmental Studies

Academic Program Rules

1 Duration of program

To qualify for the Graduate Certificate, a candidate shall satisfactorily complete one semester of full-time study or not more than one year of part-time study.

2 Admission

2.1 An applicant for admission to the program of study for the Graduate Certificate in Environmental Studies shall have qualified for a degree of the University or a degree of another institution accepted by the Faculty for the purpose as equivalent to a degree of the University.

2.2 The Faculty may, subject to such conditions as it may see fit to impose in each case, accept as a candidate for the Graduate Certificate a person who does not satisfy the requirements of Rule 2.1 above but who has presented evidence satisfactory to the Faculty of fitness to undertake work for the Graduate Certificate.

2.3 Status, exemption and credit transfer

2.3.1 Except with special permission of the Faculty, no candidate will be granted status for any course which he or she has completed for another award.

2.3.2 Such status as may be awarded in exceptional circumstances will only be awarded for graduate level studies.

2.3.3 In any case, no candidate will be awarded more than 6 units of status

2.3.4 A candidate who fails a course and is allowed to repeat that course shall, unless exempted partially therefrom by the Executive Dean of Faculty, again complete the required work in the course to the satisfaction of the teaching staff concerned.

2.4 Articulation with other awards

2.4.1 Students who complete this program are also eligible to apply for entry to the Graduate Diploma in Environmental Studies program, and be granted status for the work they have undertaken in the Graduate Certificate.

2.4.2 Students who have conferred upon them the award of Graduate Certificate in Environmental Studies who subsequently satisfy the requirements of the Graduate Diploma must surrender their Graduate Certificate before being admitted to the Graduate Diploma.

2.4.3 A candidate for the Graduate Diploma in Environmental Studies who does not complete the requirements for the Graduate Diploma but satisfies the requirements for the Graduate Certificate may be admitted to the Graduate Certificate.

3 Assessment and examinations

3.1 There shall be four classifications of pass in any course for the Graduate Certificate: Pass with High Distinction, Pass with Distinction, Pass with Credit and Pass.

3.2 (a) A candidate shall not be eligible to be assessed, by examination or otherwise, unless the prescribed work has been completed to the satisfaction of the teaching staff concerned.

(b) For the purpose of this Rule, a candidate who is refused permission to be assessed, by examination or otherwise, shall be deemed to have failed the course.

3.3 A candidate who has failed a course twice may not re-enrol in that course except by special permission of the Faculty and then only under such conditions as may be prescribed.

4 Qualification requirements

4.1 Academic program

To qualify for the Graduate Certificate, a candidate shall satisfactorily complete courses to the value of 12 units, as follows:

4.1.1 Core course

ENVT 5036 Principles of Environmental Studies	6

4.1.2 Elective courses

All candidates shall complete an elective course from the following:

ENVT 5012 Environmental Information Systems	6
ENVT 5013 Biodiversity Conservation	6
ENVT 5018 Environmental Impact Assessment	6
ENVT 5025 Environmental Professional Internship	6
ENVT 5030 Environmental Policy	3
ENVT 5037 Special Topic in Environmental Studies	6
ENVT 5039 Sustainable Tourism Management	6
ENVT 5040 Australian Landscape Evolution	6
ENVT 5042 Environmental History	6

ENVT 5043 Environmental Communication	6
ENVT 5061 Integrated Coastal Management	6
ENVT 5090 Environmental Security	6
GEOG 5047 Resource Management in Asia and the Pacific	6
GEOG 5048 Biodiversity and Environmental Change	6
GEOG 5067 Population and the Environment	6

4.2 Unacceptable combinations of courses

No candidate will be permitted to count towards an award any course, together with any other course, which, in the opinion of the Faculty concerned, contains a substantial amount of the same material; and no course or portion of a course may be counted twice towards an award.

4.3 Graduation

Subject to Chapter 89 of the Statutes, candidates who have satisfied the requirements for any award of the University shall be admitted to that award at a graduation ceremony for the purpose.

5 Special circumstances

When in the opinion of the relevant Faculty special circumstances exist, the Council, on the recommendation of the Faculty in each case, may vary any of the provisions of the Academic Program Rules for any particular award.

Le Cordon Bleu Graduate Certificate in Gastronomy

Academic Program Rules

1 Duration of program

To qualify for the degree, a candidate shall satisfactorily complete the program of study within two years.

2 Admission

2.1 An applicant for admission to the academic program for the Graduate Certificate in Gastronomy shall have qualified for a degree of the University or a degree of another institution accepted by the Faculty for the purpose as equivalent to a degree of the University.

2.2 The Faculty may, subject to such conditions as it may see fit to impose in each case, accept as a candidate for the Graduate Certificate a person who does not satisfy the requirements of Rule 2.1 above but who has presented evidence satisfactory to the Faculty of fitness to undertake work for the Graduate Certificate.

2.3 Status, exemption and credit transfer

2.3.1 Except with special permission of the Faculty, no candidate will be granted status for any course that he or she has presented for another award.

2.3.2 Such status as may be awarded in exceptional circumstances will only be awarded for graduate level studies.

2.3.3 In any case, no candidate will be awarded more than 6 units of status.

2.3.4 A candidate who fails a course and wishes to repeat that course shall, unless exempted partially therefrom by the Executive Dean of the Faculty, again complete the required work in the course to the satisfaction of the teaching staff concerned.

2.4 Articulation with other awards

2.4.1 Students who complete this academic program are also eligible to apply for entry to the Graduate Diploma in Gastronomy and be granted status for the work they have undertaken in the Graduate Certificate.

2.4.2 Students who have conferred upon them the award of Graduate Certificate in Gastronomy who subsequently satisfy the requirements of the Graduate Diploma must surrender their Graduate Certificate before being admitted to the Graduate Diploma.

2.4.3 A candidate for the Graduate Diploma in Gastronomy who does not complete the requirements for the Graduate Diploma but satisfies the requirements for the Graduate Certificate may be admitted to the Graduate Certificate.

3 Assessment and examinations

3.1 There shall be four classifications of pass in any course for the Graduate Certificate: Pass with High Distinction, Pass with Distinction, Pass with Credit and Pass.

3.2 (a) A candidate shall not be eligible to be assessed by examination or otherwise, unless the prescribed work has been completed to the satisfaction of the teaching staff concerned.

(b) For the purpose of this Rule, a candidate who is refused permission to to be assessed by examination or otherwise shall be deemed to have failed the course.

3.3 A candidate who has failed a course twice may not re-enrol in that course except by special permission of the Faculty and then only under such conditions as may be prescribed.

4 Qualification requirements

4.1 Academic program

To qualify for the Graduate Certificate, a candidate shall satisfactorily complete courses to the value of 12 units, as follows:

4.1.1 Core courses

All candidates shall complete the following courses:

GAST 5300 Principles of Gastronomy	6
GAST 5301 Food and Drink in Contemporary Western Society	6

4.2 Unacceptable combinations of courses

No candidate will be permitted to count towards an award any course, together with any other course, which, in the opinion of the Faculty concerned, contains a substantial amount of the same material; and no course or portion of a course may be counted twice towards an award.

4.3 Graduation

Subject to Chapter 89 of the Statutes, candidates who have satisfied the requirements for any award of the University shall be admitted to that award at a graduation ceremony for the purpose.

5 Special circumstances

When in the opinion of the relevant Faculty special circumstances exist, the Council, on the recommendation of the Faculty in each case, may vary any of the provisions of the Academic Program Rules for any particular award.

Graduate Certificate in International Environmental Management

This program is offered jointly with the United Nations Environment Program, and is currently available to students enrolled through the Ngee Ann – Adelaide Education Centre only.

Academic Program Rules

1 Duration of program

To qualify for the Graduate Certificate, a candidate shall satisfactorily complete one semester of full-time study or not more than one year of part-time study.

2 Admission

2.1 An applicant for admission to the course of study for the Graduate Certificate in International Environmental Management shall have qualified for a degree of the University or for a degree of another university or institution accepted for the purpose by the University.

2.2 The Faculty may, subject to such conditions as it may see fit to impose in each case, accept as a student for the Graduate Certificate a person who does not hold a degree of a tertiary institution but has given evidence satisfactory to the Faculty of fitness to undertake work for the Graduate Certificate.

2.3 Status, exemption and credit transfer

2.3.1 Except with special permission of the Faculty, no candidate will be granted status for any course which he or she has completed for another award.

2.3.2 Such status as may be awarded in exceptional circumstances will only be awarded for graduate level studies.

2.3.3 In any case, no candidate will be awarded more than 6 units of status.

2.3.4 A candidate who fails a course and desires to repeat that course shall, unless exempted partially therefrom by the Executive Dean of the Faculty concerned, again complete the required work in the course to the satisfaction of the teaching staff concerned.

2.4 Articulation with other awards

2.4.1 Students who complete this academic program are also eligible to apply for entry to the Graduate Diploma in International Environmental Management and be granted status for the work they have undertaken in the Graduate Certificate.

2.4.2 Students who have conferred upon them the award of Graduate Certificate in International Environmental Management who subsequently satisfy the requirements of the Graduate Diploma must surrender their Graduate Certificate before being admitted to the Graduate Diploma.

2.4.3 A candidate for the Graduate Diploma in International Environmental Management who does not complete the requirements for the Graduate Diploma but satisfies the requirements for the Graduate Certificate may be admitted to the Graduate Certificate.

3 Assessment and examinations

3.1 There shall be four classifications of pass in any course for the Graduate Certificate: Pass with High Distinction, Pass with Distinction, Pass with Credit and Pass.

3.2 (a) A candidate shall not be eligible to be assessed by examination or otherwise, unless the prescribed work has been completed to the satisfaction of the teaching staff concerned.

(b) For the purpose of this Rule, a candidate who is refused permission to to be assessed by examination or otherwise shall be deemed to have failed the course.

3.3 A candidate who has failed a course twice may not re-enrol in that course except by special permission of the Faculty and then only under such conditions as may be prescribed.

4 Qualification requirements

4.1 Academic program

To qualify for the Graduate Certificate in International Environmental Management, a candidate shall satisfactorily complete courses to the value of 12 units chosen from the following:

ENVT 5001NA Environmental Audit	3
ENVT 5010 NA Environmental Impact Assessment	3
ENVT 5013NA Biodiversity Conservation	3
ENVT 5014 NA Environmental Management Challenge	3
ENVT 5016 NA Environmental Management Systems	3

ENVT 5019NA Environmental Project Management	3
ENVT 5033NA Issues in Sustainable Development	3
ENVT 5035NA Cleaner Production	3
ENVT 5038NA Special Study in Environmental Management	3
ENVT 5060NA Environmental Futures	3
GISC 5009NA Introduction to Spatial Information Systems	3

4.2 Unacceptable combinations of courses

No candidate will be permitted to count towards an award any course, together with any other course, which, in the opinion of the Faculty concerned, contains a substantial amount of the same material; and no course or portion of a course may be counted twice towards an award.

4.3 Graduation

Subject to Chapter 89 of the Statutes, candidates who have satisfied the requirements for any award of the University shall be admitted to that award at a graduation ceremony for the purpose.

5 Special circumstances

When in the opinion of the relevant Faculty special circumstances exist, the Council, on the recommendation of the Faculty in each case, may vary any of the provisions of the Academic Program Rules for any particular award.

Graduate Certificate in International Studies

Academic Program Rules

1 Duration of program

To qualify for the Graduate Certificate, a candidate shall satisfactorily complete one semester of full-time study or not more than one year of part-time study.

2 Admission

2.1 An applicant for admission to the program of study for the Graduate Certificate in International Studies shall have qualified for a degree of the University or a degree of another institution accepted by the Faculty for the purpose as equivalent to a degree of the University.

2.2 The Faculty may, subject to such conditions as it may see fit to impose in each case, accept as a candidate for the Graduate Certificate a person who does not satisfy the requirements of Rule 2.1 above but who has presented evidence satisfactory to the Faculty of fitness to undertake work for the Graduate Certificate.

2.3 Status, exemption and credit transfer

2.3.1 Except with special permission of the Faculty, no candidate will be granted status for any course which he or she has completed for another award.

2.3.2 Such status as may be awarded in exceptional circumstances will only be awarded for graduate level studies.

2.3.3 In any case, no candidate will be awarded more than 6 units of status.

2.3.4 A candidate who fails a course and desires to repeat that course shall, unless exempted partially therefrom by the Executive Dean of Faculty, again complete the required work in the course to the satisfaction of the teaching staff concerned.

2.4 Articulation with other awards

2.4.1 Students who complete this program are also eligible to apply for entry to the Graduate Diploma in International Studies program, and be granted status for the work they have undertaken in the Graduate Certificate.

2.4.2 Students who have conferred upon them the award of Graduate Certificate in International Studies who subsequently satisfy the requirements of the Graduate Diploma must surrender their Graduate Certificate before being admitted to the Graduate Diploma.

2.4.3 A candidate for the Graduate Diploma in International Studies who does not complete the requirements for the Graduate Diploma but satisfies the requirements for the Graduate Certificate may be admitted to the Graduate Certificate.

3 Assessment and examinations

3.1 There shall be four classifications of pass in any course for the Graduate Certificate: Pass with High Distinction, Pass with Distinction, Pass with Credit and Pass.

3.2 (a) A candidate shall not be eligible to be assessed by examination or otherwise, unless the prescribed work has been completed to the satisfaction of the teaching staff concerned.

(b) For the purpose of this Rule, a candidate who is refused permission to to be assessed by examination or otherwise shall be deemed to have failed the course.

3.3 A candidate who has failed a course twice may not re-enrol in that course except by special permission of the Faculty and then only under such conditions as may be prescribed.

4 Qualification requirements

4.1 Academic program

To qualify for the Graduate Certificate a candidate shall satisfactorily complete courses to the value of 12 units as follows:

4.1.1 Core course

INST 5000 Approaches and Issues in International Relations	6

4.1.2 Elective courses

any one of the following courses:

INST 5001 International Politics in the Post Cold War World	6
INST 5002 International Studies A	6
INST 5003 International Studies B	6

4.2 Unacceptable combinations of courses

No candidate will be permitted to count towards an award any course, together with any other course, which, in the opinion of the Faculty concerned, contains a substantial amount of the same material; and no course or portion of a course may be counted twice towards an award.

4.3 Graduation

Subject to Chapter 89 of the Statutes, candidates who have satisfied the requirements for any award of the University shall be admitted to that award at a graduation ceremony for the purpose.

5 Special circumstances

When in the opinion of the relevant Faculty special circumstances exist, the Council, on the recommendation of the Faculty in each case, may vary any of the provisions of the Academic Program Rules for any particular award.

Graduate Certificate in Population Studies

Note: This program will not be offered in 2004

Academic Program Rules

1 Duration of program

To qualify for the Graduate Certificate, a candidate shall satisfactorily complete one semester of full-time study or not more than one year of part-time study.

2 Admission

2.1 An applicant for admission to the program of study for the Graduate Certificate in Population Studies shall have qualified for a degree of the University or a degree of another institution accepted by the Faculty for the purpose as equivalent to a degree of the University.

2.2 The Faculty may, subject to such conditions as it may see fit to impose in each case, accept as a candidate for the Graduate Certificate a person who does not satisfy the requirements of Rule 2.1 above but who has presented evidence satisfactory to the Faculty of fitness to undertake work for the Graduate Certificate.

2.3 Status, exemption and credit transfer

2.3.1 Except with special permission of the Faculty, no candidate will be granted status for any course which he or she has completed for another award

2.3.2 Such status as may be awarded in exceptional circumstances will only be awarded for graduate level studies.

2.3.3 In any case, no candidate will be awarded more than 6 units of status.

2.3.4 A candidate who fails a course and desires to repeat that course shall, unless exempted partially therefrom by the Executive Dean of Faculty, again complete the required work in the course to the satisfaction of the teaching staff concerned.

2.4 Articulation with other awards

2.4.1 Students who complete this program are also eligible to apply for entry to the Graduate Diploma in Population and Migration Studies program, and be granted status for the work they have undertaken in the Graduate Certificate.

2.4.2 Students who have conferred upon them the award of Graduate Certificate in Population Studies who subsequently satisfy the requirements of the Graduate Diploma in Population and Migration Studies must surrender their Graduate Certificate before being admitted to the Graduate Diploma.

2.4.3 A candidate for the Graduate Diploma in Population and Migration Studies who does not complete the requirements for the Graduate Diploma but satisfies the requirements for the Graduate Certificate may be admitted to the Graduate Certificate.

3 Assessment and examinations

3.1 There shall be four classifications of pass in any course for the Graduate Certificate: Pass with High Distinction, Pass with Distinction, Pass with Credit and Pass.

3.2 (a) A candidate shall not be eligible to be assessed by examination or otherwise, unless the prescribed work has been completed to the satisfaction of the teaching staff concerned.

(b) For the purpose of this Rule, a candidate who is refused permission to to be assessed by examination or otherwise shall be deemed to have failed the course.

3.3 A candidate who has failed a course twice may not re-enrol in that course except by special permission of the Faculty and then only under such conditions as may be prescribed.

4 Qualification requirements

4.1 Academic program

To qualify for the Graduate Certificate, a candidate shall satisfactorily complete courses to the value of 12 units as follows:

4.1.1 Core course

GEOG 5068 Population Data Analysis	6

4.1.2 Elective courses

Once course from the following:

GEOG 5049 Applied Demography	6
GEOG 5054 Demography of the Family	6
GEOG 5059 Global International Migration	6
GEOG 5089 Population Studies	6

4.2 Unacceptable combinations of courses

No candidate will be permitted to count towards an award any course, together with any other course, which, in the opinion of the Faculty concerned, contains a substantial amount of the same material; and no course or portion of a course may be counted twice towards an award.

4.3 Graduation

Subject to Chapter 89 of the Statutes, candidates who have satisfied the requirements for any award of the University shall be admitted to that award at a graduation ceremony for the purpose.

5 Special circumstances

When in the opinion of the relevant Faculty special circumstances exist, the Council, on the recommendation of the Faculty in each case, may vary any of the provisions of the Academic Program Rules for any particular award.

Graduate Certificate in Spatial Information Science

Academic Program Rules

1 Duration of program

To qualify for the Graduate Certificate, a candidate shall satisfactorily complete one semester of full-time study or not more than one year of part-time study.

2 Admission

2.1 An applicant for admission to the program of study for the Graduate Certificate in Spatial Information Science shall have qualified for a degree of the University or a degree of another institution accepted by the Faculty for the purpose as equivalent to a degree of the University.

2.2 The Faculty may, subject to such conditions as it may see fit to impose in each case, accept as a candidate for the Graduate Certificate a person who does not satisfy the requirements of Rule 2.1 above but who has presented evidence satisfactory to the Faculty of fitness to undertake work for the Graduate Certificate.

2.3 Status, exemption and credit transfer

2.3.1 Except with special permission of the Faculty, no candidate will be granted status for any course which he or she has completed for another award.

2.3.2 Such status as may be awarded in exceptional circumstances will only be awarded for graduate level studies.

2.3.3 In any case, no candidate will be awarded more than 6 units of status.

2.3.4 A candidate who fails a course and desires to repeat that course shall, unless exempted partially therefrom by the Executive Dean of Faculty, again complete the required work in the course to the satisfaction of the teaching staff concerned.

2.4 Articulation with other awards

2.4.1 Students who complete this program are also eligible to apply for entry to the Graduate Diploma in Spatial Information Science program, and be granted status for the work they have undertaken in the Graduate Certificate.

2.4.2 Students who have conferred upon them the award of Graduate Certificate in Spatial Information Science who subsequently satisfy the requirements of the Graduate Diploma must surrender their Graduate Certificate before being admitted to the Graduate Diploma.

2.4.3 A candidate for the Graduate Diploma in Spatial Information Science who does not complete the requirements for the Graduate Diploma but satisfies the requirements for the Graduate Certificate may be admitted to the Graduate Certificate.

3 Assessment and examinations

3.1 There shall be four classifications of pass in any course for the Graduate Certificate: Pass with High Distinction, Pass with Distinction, Pass with Credit and Pass.

3.2 (a) A candidate shall not be eligible to be assessed by examination or otherwise, unless the prescribed work has been completed to the satisfaction of the teaching staff concerned.

(b) For the purpose of this Rule, a candidate who is refused permission to to be assessed by examination or otherwise shall be deemed to have failed the course.

3.3 A candidate who has failed a course twice may not re-enrol in that course except by special permission of the Faculty and then only under such conditions as may be prescribed.

4 Qualification requirements

4.1 Academic program

To qualify for the Graduate Certificate, a candidate shall satisfactorily complete courses to a total of 12 units, as follows:

GISC 5008 Introduction to Spatial Data Models	3
GISC 5009 Introduction to Spatial Information Systems	3
GISC 5013 Spatial Data Modelling & Analysis	3
GISC 5014 Spatial Data Visualisation	3

Alternative courses may be made available as appropriate, depending on students' previous study or employment history.

GISC 5015 Special Topic in Spatial Data Models	3
GISC 5016 Special Topic in Spatial Data Modelling and Analysis	3
GISC 5017 Special Topic in Spatial Data Visualisation	3
GISC 5018 Special Topic in Spatial Information Systems	3

4.2 Unacceptable combinations of courses

No candidate will be permitted to count towards an award any course, together with any other course, which, in the opinion of the Faculty concerned, contains a substantial amount of the same material; and no course or portion of a course may be counted twice towards an award.

4.3 Graduation

Subject to Chapter 89 of the Statutes, candidates who have satisfied the requirements for any award of the University shall be admitted to that award at a graduation ceremony for the purpose.

5 Special circumstances

When in the opinion of the relevant Faculty special circumstances exist, the Council, on the recommendation of the Faculty in each case, may vary any of the provisions of the Academic Program Rules for any particular award.

Graduate Diploma in Applied Anthropology

Note: This program will not be offered in 2004

Academic Program Rules

1 Duration of program

To qualify for the Graduate Diploma, a candidate shall satisfactorily complete one year of full-time study or no more than two years of part-time study.

2 Admission

2.1 An applicant for admission to the academic program for the Graduate Diploma in Applied Anthropology shall have qualified for a degree of the University or a degree of another institution accepted by the Faculty for the purpose as equivalent to a degree of the University.

2.2 The Faculty may, subject to such conditions as it may see fit to impose in each case, accept as a candidate for the Graduate Diploma a person who does not satisfy the requirements of Rule 2.1 above but who has presented evidence satisfactory to the Faculty of fitness to undertake work for the Graduate Diploma.

2.3 Status, exemption and credit transfer

2.3.1 Except with special permission of the Faculty, no candidate will be granted status for any course that he or she has presented for any award other than the Graduate Certificate in Applied Anthropology (see Rule 2.4 below).

2.3.2 Such status as may be awarded in exceptional circumstances will only be awarded for graduate level studies.

2.3.3 In any case, no candidate will be awarded more than 6 units of status.

2.3.4 A candidate who fails a course and wishes to repeat that course shall, unless exempted partially therefrom by the Executive Dean of the Faculty, again complete the required work in the course to the satisfaction of the teaching staff concerned.

2.4 Articulation with other awards

2.4.1 A candidate for the Graduate Diploma in Applied Anthropology who does not complete the requirements for the Graduate Diploma but satisfies the requirements for the Graduate Certificate may be admitted to the Graduate Certificate.

2.4.2 A candidate who has been admitted to the Graduate Certificate in Applied Anthropology and who has been granted status toward the Graduate Diploma for courses presented for the Graduate Certificate must surrender the Graduate Certificate before being admitted to the Graduate Diploma.

2.4.3 A candidate for the degree of Master of Arts (Applied Anthropology) who satisfies the requirements for the Graduate Diploma but who does not complete the requirements of the degree may be admitted to the Graduate Diploma.

3 Assessment and examinations

3.1 There shall be four classifications of pass in any course for the Graduate Diploma: Pass with High Distinction, Pass with Distinction, Pass with Credit and Pass.

3.2 (a) A candidate shall not be eligible to be assessed by examination or otherwise, unless the prescribed work has been completed to the satisfaction of the teaching staff concerned.

(b) For the purpose of this Rule, a candidate who is refused permission to to be assessed by examination or otherwise shall be deemed to have failed the course.

3.3 A candidate who has failed a course twice may not re-enrol in that course except by special permission of the Faculty and then only under such conditions as may be prescribed.

4 Qualification requirements

4.1 Academic program

To qualify for the Graduate Diploma, a candidate shall satisfactorily complete courses to the value of 24 units, as follows:

4.1.1 Core courses

All candidates shall complete the following core courses:

ANTH 5002 Anthropological Practice	6
ANTH 5004 Social Theory Applications	6

4.1.2 Elective courses

All candidates shall complete 12 units selected from the following elective courses:

ANTH 5001 Anthropology for Native Title Practice	6
ANTH 5005 An Anthropology of Justice and Law	6
ANTH 5006 Environmentalism: Anthropological Perspectives	6
ANTH 5007 Health: Institutions, Discourses and Power	6
ANTH 5008 Research Internship	6

4.2 Unacceptable combinations of courses

No candidate will be permitted to count towards an award any course, together with any other course, which, in the opinion of the Faculty concerned, contains a substantial amount of the same material; and no course or portion of a course may be counted twice towards an award.course that he or she has already presented for another award.

4.3 Graduation

Subject to Chapter 89 of the Statutes, candidates who have satisfied the requirements for any award of the University shall be admitted to that award at a graduation ceremony for the purpose.

5 Special circumstances

When in the opinion of the relevant Faculty special circumstances exist, the Council, on the recommendation of the Faculty in each case, may vary any of the provisions of the Academic Program Rules for any particular award.

Graduate Diploma in Applied Historical Studies

Note: This program will not be offered in 2004

Academic Program Rules

1 Duration of program

To qualify for the Graduate Diploma, a candidate shall satisfactorily complete one year of full-time study or no more than two years of part-time study.

2 Admission

2.1 An applicant for admission to the program of study for the Graduate Diploma in Applied Historical Studies shall have qualified for a degree of the University or for a degree of another institution accepted for the purpose by the University.

2.2 The Faculty may, subject to such conditions as it may see fit to impose in each case, accept as a candidate for the Graduate Diploma a person who does not satisfy the requirements of 2.1 above, but who has given evidence satisfactory to the Faculty of fitness to undertake work for the Graduate Diploma.

2.3 Status, exemption and credit transfer

2.3.1 Except with special permission of the Faculty, no candidate will be granted status for any course which he or she has completed for another award.

2.3.2 Such status as may be awarded in exceptional circumstances will only be awarded for graduate level studies.

2.3.3 In any case, no candidate will be awarded more than 6 units of status, except for those candidates who have completed the Graduate Certificate in Applied Historical Studies (see Rule 2.4 below).

2.3.4 A candidate who fails a course and desires to repeat that course shall, unless exempted partially therefrom by the Executive Dean of Faculty, again complete the required work in the course to the satisfaction of the teaching staff concerned.

2.4 Articulation with other awards

2.4.1 A candidate for the Graduate Diploma in Applied Historical Studies who does not complete the requirements for the Graduate Diploma but satisfies the requirements for the Graduate Certificate may be admitted to the Graduate Certificate.

2.4.2 A candidate who has been admitted to the Graduate Certificate in Applied Historical Studies and who subsequently satisfies the requirements for the Graduate Diploma must surrender the Graduate Certificate before being admitted to the Graduate Diploma.

2.4.3 A candidate for the degree of Master of Arts (Applied Historical Studies) and who does not complete the requirements of the degree, but who satisfies the requirements for the Graduate Diploma may be admitted to the Graduate Diploma.

3 Assessment and examinations

3.1 There shall be four classifications of pass in any course for the Graduate Diploma: Pass with High Distinction, Pass with Distinction, Pass with Credit, and Pass.

3.2 (a) A candidate shall not be eligible to be assessed by examination or otherwise, unless the prescribed work has been completed to the satisfaction of the teaching staff concerned.

(b) For the purpose of this Rule, a candidate who is refused permission to to be assessed by examination or otherwise shall be deemed to have failed the course.

3.3 A candidate who has failed a course twice may not re-enrol in that course except by special permission of the Faculty and then only under such conditions as may be prescribed.

4 Qualification requirements

4.1 Academic program

To qualify for the Graduate Diploma, a candidate shall satisfactorily complete courses to the value of 24 units as follows:

HIST 5001 Practical History Workshop I	6
HIST 5002 Practical History Workshop II	6
HIST 5003 Public History: Principles & Practice	6
HIST 5005 Heritage and History in Contemporary Australia	6

4.2 Unacceptable combinations of courses

No candidate will be permitted to count towards an award any course, together with any other course, which, in the opinion of the Faculty concerned, contains a substantial amount of the same material; and no course or portion of a course may be counted twice towards an award.

4.3 Graduation

Subject to Chapter 89 of the Statutes, candidates who have satisfied the requirements for any award of the University shall be admitted to that award at a graduation ceremony for the purpose.

5 Special circumstances

When in the opinion of the relevant Faculty special circumstances exist, the Council, on the recommendation of the Faculty in each case, may vary any of the provisions of the Academic Program Rules for any particular award.

Graduate Diploma in Applied Linguistics

Academic Program Rules

1 Duration of program

To qualify for the Graduate Diploma, a candidate shall satisfactorily complete one year of full-time study or no more than two years of part-time study.

2 Admission

2.1 An applicant for admission to the program of study for the Graduate Diploma in Applied Linguistics shall have qualified for a degree of the University or a degree of another institution accepted by the Faculty for the purpose as equivalent to a degree of the University.

2.2 The Faculty may, subject to such conditions as it may see fit to impose in each case, accept as a candidate for the Graduate Diploma a person who does not satisfy the requirements of Rule 2.1 above but who has presented evidence satisfactory to the Faculty of fitness to undertake work for the Graduate Diploma.

2.3 Status, exemption and credit transfer

2.3.1 Except with special permission of the Faculty, no candidate will be granted status for any course which he or she has completed for another award.

2.3.2 Such status as may be awarded in exceptional circumstances will only be awarded for graduate level studies.

2.3.3 In any case, no candidate will be awarded more than 6 units of status, except for those candidates who have completed the Graduate Certificate in Applied Linguistics. (see Rule 2.4 below).

2.3.4 A candidate who fails a course and desires to repeat that course shall, unless exempted partially therefrom by the Executive Dean of Faculty, again complete the required work in the course to the satisfaction of the teaching staff concerned.

2.4 Articulation with other awards

2.4.1 A candidate for the Graduate Diploma in Applied Linguistics who does not complete the requirements for the Graduate Diploma but satisfies the requirements for the Graduate Certificate may be admitted to the Graduate Certificate.

2.4.2 A candidate who has been admitted to the Graduate Certificate in Applied Linguistics and who subsequently satisfies the requirements for the Graduate Diploma must surrender the Graduate Certificate before being admitted to the Graduate Diploma.

2.4.3 A candidate for the degree of Master of Arts (Applied Linguistics) who does not complete the requirements of the degree, but who satisfies the requirements for the Graduate Diploma may be admitted to the Graduate Diploma.

3 Assessment and examinations

3.1 There shall be four classifications of pass in any course for the Graduate Diploma: Pass with High Distinction, Pass with Distinction, Pass with Credit and Pass.

3.2 (a) A candidate shall not be eligible to be assessed by examination or otherwise, unless the prescribed work has been completed to the satisfaction of the teaching staff concerned.

(b) For the purpose of this Rule, a candidate who is refused permission to to be assessed by examination or otherwise shall be deemed to have failed the course.

3.3 A candidate who has failed a course twice may not re-enrol in that course except by special permission of the Faculty and then only under such conditions as may be prescribed.

4 Qualification requirements

4.1 Academic program

4.1.1 Core course

All candidates, shall complete the following course:

LING 5004 Language and Meaning	6

4.1.2 Elective courses

All candidates, except those who have completed the Graduate Certificate, shall complete elective courses to the value of 18 units chosen selected from the following:

LING 5001 Computer Assisted Language Learning - CALL	6
LING 5008 Language and the Environment	6
LING 5009 Language Teaching in Specific Settings	6
LING 5010 English for Academic Purposes	6
LING 5011 Language and Learning	6
LING 5030 Language and Communication Planning	6
LING 5059 Special Topic in Linguistics	6

4.1.3 Students who have completed the Graduate Certificate in Applied Linguistics shall take courses to the value of 12 units, including LING 5004 Language and Meaning if this course has not previously been taken.

4.2 Unacceptable combinations of courses

No candidate will be permitted to count towards an award any course, together with any other course, which, in the opinion of the Faculty concerned, contains a substantial amount of the same material; and no course or portion of a course may be counted twice towards an award.

4.3 Graduation

Subject to Chapter 89 of the Statutes, candidates who have satisfied the requirements for any award of the University shall be admitted to that award at a graduation ceremony for the purpose.

5 Special circumstances

When in the opinion of the relevant Faculty special circumstances exist, the Council, on the recommendation of the Faculty in each case, may vary any of the provisions of the Academic Program Rules for any particular award.

Graduate Diploma in Art History

Academic Program Rules

1 Duration of program

To qualify for the Graduate Diploma, a candidate shall satisfactorily complete one year of full-time study or no more than two years of part-time study.

2 Admission

2.1 An applicant for admission to the academic program for the Graduate Diploma in Art History shall have qualified for a degree of the University or a degree of another institution accepted by the Faculty for the purpose as equivalent to a degree of the University.

2.2 The Faculty may, subject to such conditions as it may see fit to impose in each case, accept as a candidate for the Graduate Diploma a person who does not satisfy the requirements of Rule 2.1 above but who has presented evidence satisfactory to the Faculty of fitness to undertake work for the Graduate Diploma.

2.3 Status, exemption and credit transfer

2.3.1 Except with special permission of the Faculty, no candidate will be granted status for any course that he or she has presented for another award.

2.3.2 Such status as may be awarded in exceptional circumstances will only be awarded for graduate level studies.

2.3.3 In any case, no candidate will be awarded more than 6 units of status.

2.3.4 A candidate who fails a course and wishes to repeat that course shall, unless exempted partially therefrom by the Executive Dean of the Faculty, again complete the required work in the course to the satisfaction of the teaching staff concerned.

2.4 Articulation with other awards

2.4.1 A candidate for the Graduate Diploma in Art History who does not complete the requirements for the Graduate Diploma but satisfies the requirements for the Graduate Certificate may be admitted to the Graduate Certificate.

2.4.2 A candidate who has been admitted to the Graduate Certificate in Art History and who subsequently satisfies the requirement of the Graduate Diploma must surrender the Graduate Certificate before being admitted to the Graduate Diploma.

2.4.3 A candidate for the degree of Master of Arts (Studies in Art History) who satisfies the requirements for the Graduate Diploma but who does not complete the requirements of the degree may be admitted to the Graduate Diploma.

3 Assessment and examinations

3.1 There shall be four classifications of pass in any course for the Graduate Diploma: Pass with High Distinction, Pass with Distinction, Pass with Credit and Pass.

3.2 (a) A candidate shall not be eligible to be assessed by examination or otherwise, unless the prescribed work has been completed to the satisfaction of the teaching staff concerned.

(b) For the purpose of this Rule, a candidate who is refused permission to to be assessed by examination or otherwise shall be deemed to have failed the course.

3.3 A candidate who has failed a course twice may not re-enrol in that course except by special permission of the Faculty and then only under such conditions as may be prescribed.

4 Qualification requirements

4.1 Academic program

To qualify for the Graduate Diploma, a candidate shall satisfactorily complete courses to the value of 24 units, chosen from the following:

ARTH 5200 Studies in European Paintings Connoisseurship	6
ARTH 5201 Studies in Australian Colonial Art	6
ARTH 5202 Studies in Asian Art	6
ARTH 5203 Studies in Australian Art	6
ARTH 5204 Studies in European Art Since the Renaissance	6
ARTH 5206 Art Museum Internship	6
ARTH 5207 Curatorial Placement	6
ARTH 5208 Studies in Contemporary Art	6
ARTH 5209 Studies in Australian Indigenous Art	6
ARTH 5210 Studies in British Art	6
ARTH 5211 Studies in Decorative Arts	6
ARTH 5212 Studies in Japanese Art	6

	ARTH 5213 Studies in South-East Asian Art	6
	ARTH 5214 Studies in Modern Art	6

4.1.1 Students may present only one of the Art Museum Internship or the Curatorial Project for the Graduate Diploma.

4.2 Unacceptable combinations of courses

No candidate will be permitted to count towards an award any course, together with any other course, which, in the opinion of the Faculty concerned, contains a substantial amount of the same material; and no course or portion of a course may be counted twice towards an award.

4.3 Graduation

Subject to Chapter 89 of the Statutes, candidates who have satisfied the requirements for any award of the University shall be admitted to that award at a graduation ceremony for the purpose.

5 Special circumstances

When in the opinion of the relevant Faculty special circumstances exist, the Council, on the recommendation of the Faculty in each case, may vary any of the provisions of the Academic Program Rules for any particular award.

Graduate Diploma in Creative Writing

Academic Program Rules

1 Duration of program

To qualify for the Graduate Diploma, a candidate shall satisfactorily complete one year of full-time study or no more than two years of part-time study.

2 Admission

2.1 An applicant for admission to the program of study for the Graduate Diploma in Creative Writing shall have qualified for a degree of the University or a degree of another institution accepted by the Faculty for the purpose as equivalent to a degree of the University, and present a suitable portfolio of creative writing.

2.2 The Faculty may, subject to such conditions as it may see fit to impose in each case, accept as a candidate for the Graduate Diploma a person who does not satisfy the requirements of Rule 2.1 above but who has presented evidence satisfactory to the Faculty of fitness to undertake work for the Graduate Diploma.

2.3 Status, exemption and credit transfer

2.3.1 Except with special permission of Faculty, no candidate will be granted status for any course which he or she has completed for another award

2.3.2 Such status as may be awarded in exceptional circumstances will only be awarded for graduate level studies.

2.3.3 In any case, no candidate will be awarded more than 6 units of status, except for those candidates who have completed the Graduate Certificate in Creative Writing (see Rule 2.4 below).

2.3.4 A candidate who fails a course and desires to repeat that course shall, unless exempted partially therefrom by the Executive Dean of Faculty, again complete the required work in the course to the satisfaction of the teaching staff concerned.

2.4 Articulation with other awards

2.4.1 A candidate for the Graduate Diploma in Creative Writing who does not complete the requirements for the Graduate Diploma but satisfies the requirements for the Graduate Certificate may be admitted to the Graduate Certificate.

2.4.2 A candidate who has been admitted to the Graduate Certificate in Creative Writing and who subsequently satisfies the requirements for the Graduate Diploma must surrender the Graduate Certificate before being admitted to the Graduate Diploma.

2.4.3 A candidate for the degree of Master of Arts (Creative Writing) who does not complete the requirements of the degree, but who satisfies the requirements for the Graduate Diploma may be admitted to the Graduate Diploma.

3 Assessment and examinations

3.1 There shall be four classifications of pass in any course for the Graduate Diploma: Pass with High Distinction, Pass with Distinction, Pass with Credit and Pass.

3.2 (a) A candidate shall not be eligible to be assessed by examination or otherwise, unless the prescribed work has been completed to the satisfaction of the teaching staff concerned.

(b) For the purpose of this Rule, a candidate who is refused permission to to be assessed by examination or otherwise shall be deemed to have failed the course.

3.3 A candidate who has failed a course twice may not re-enrol in that course except by special permission of the Faculty and then only under such conditions as may be prescribed.

4 Qualification requirements

4.1 Academic program

To qualify for the Graduate Diploma, a candidate shall satisfactorily complete courses to the value of 24 units, as follows:

ENGL 5001 Work in Progress	8
ENGL 5002 Creative Writing Study A	4
ENGL 5003 Creative Writing Study B	4
ENGL 5004 Advanced Work in Progress	8

4.2 Unacceptable combinations of courses

No candidate will be permitted to count towards an award any course, together with any other course, which, in the opinion of the Faculty concerned, contains a substantial amount of the same material; and no course or portion of a course may be counted twice towards an award.

4.3 Graduation

Subject to Chapter 89 of the Statutes, candidates who have satisfied the requirements for any award of the University shall be admitted to that award at a graduation ceremony for the purpose.

5 Special circumstances

When in the opinion of the relevant Faculty special circumstances exist, the Council, on the recommendation of the Faculty in each case, may vary any of the provisions of the Academic Program Rules for any particular award.

Graduate Diploma in Environmental Studies

Academic Program Rules

1 Duration of program

To qualify for the Graduate Diploma, a candidate shall satisfactorily complete one year of full-time study or no more than two years of part-time study.

2 Admission

2.1 An applicant for admission to the program of study for the Graduate Diploma in Environmental Studies shall have qualified for a degree of the University or for a degree of another institution accepted for the purpose by the University.

2.2 The Faculty may, subject to such conditions as it may see fit to impose in each case, accept as a student for the Graduate Diploma a person who does not hold a degree of a tertiary institution but has given evidence satisfactory to the Faculty of fitness to undertake work for the Graduate Diploma.

2.3 Status, exemption and credit transfer

2.3.1 Except with special permission of Faculty, no candidate will be granted status for any course which he or she has completed for another award.

2.3.2 Such status as may be awarded in exceptional circumstances will only be awarded for graduate level studies.

2.3.3 In any case, no candidate will be awarded more than 6 units of status, except for those candidates who have completed the Graduate Certificate in Environmental Studies (see Rule 2.4 below).

2.3.4 A candidate who fails a course and desires to repeat that course shall, unless exempted partially therefrom by the Executive Dean of Faculty, again complete the required work in the course to the satisfaction of the teaching staff concerned.

2.4 Articulation with other awards

2.4.1 A candidate for the Graduate Diploma who satisfies the requirements for the Graduate Certificate but does not complete the requirements of the Graduate Diploma may be admitted to the Graduate Certificate.

2.4.2 A candidate who has been admitted to the Graduate Certificate in Environmental Studies and who subsequently satisfies the requirements for the Graduate Diploma must surrender the Graduate Certificate before being admitted to the Graduate Diploma.

2.4.3 A candidate for the degree of Master of Environmental Studies who does not complete the requirements of the degree, but who satisfies the requirement for the Graduate Diploma may be admitted to the Graduate Diploma.

3 Assessment and examinations

3.1 There shall be four classifications of pass in any course for the Graduate Diploma: Pass with High Distinction, Pass with Distinction, Pass with Credit, and Pass.

3.2 (a) A candidate shall not be eligible to be assessed by examination or otherwise, unless the prescribed work has been completed to the satisfaction of the teaching staff concerned.

(b) For the purpose of this Rule, a candidate who is refused permission to to be assessed by examination or otherwise shall be deemed to have failed the course.

3.3 A candidate who has failed a course twice may not re-enrol in that course except by special permission of the Faculty and then only under such conditions as may be prescribed.

4 Qualification requirements

4.1 Academic program

To qualify for the Graduate Diploma a candidate shall satisfactorily complete courses to the value of 24 units, as follows:

4.1.1 Core course

ENVT 5036 Principles of Environmental Studies	6

4.1.2 Elective courses

All candidates shall complete elective courses to the value of 18 units selected from the following:

ENVT 5012 Environmental Information Systems	6
ENVT 5013 Biodiversity Conservation	6
ENVT 5018 Environmental Impact Assessment	6
ENVT 5025 Environmental Professional Internship	6
ENVT 5030 Environmental Policy	3
ENVT 5037 Special Topic in Environmental Studies	6
ENVT 5039 Sustainable Tourism Management	6

ENVT 5040 Australian Landscape Evolution	6
ENVT 5042 Environmental History	6
ENVT 5043 Environmental Communication	6
ENVT 5061 Integrated Coastal Management	6
ENVT 5090 Environmental Security	6
GEOG 5047 Resource Management in Asia and the Pacific	6
GEOG 5048 Biodiversity & Environmental Change	6
GEOG 5067 Population and the Environment	6

4.2 Unacceptable combinations of courses

No candidate will be permitted to count towards an award any course, together with any other course, which, in the opinion of the Faculty concerned, contains a substantial amount of the same material; and no course or portion of a course may be counted twice towards an award.

4.3 Graduation

Subject to Chapter 89 of the Statutes, candidates who have satisfied the requirements for any award of the University shall be admitted to that award at a graduation ceremony for the purpose.

5 Special circumstances

When in the opinion of the relevant Faculty special circumstances exist, the Council, on the recommendation of the Faculty in each case, may vary any of the provisions of the Academic Program Rules for any particular award.

Le Cordon Bleu Graduate Diploma in Gastronomy

Academic Program Rules

1 Duration of program

To qualify for the Graduate Diploma, a candidate shall satisfactorily complete the program of study within two years.

2 Admission

2.1 An applicant for admission to the academic program for the Graduate Diploma in Gastronomy shall have qualified for a degree of the University or a degree of another institution accepted by the Faculty for the purpose as equivalent to a degree of the University.

2.2 The Faculty may, subject to such conditions as it may see fit to impose in each case, accept as a candidate for the Graduate Diploma a person who does not satisfy the requirements of Rule 2.1 above but who has presented evidence satisfactory to the Faculty of fitness to undertake work for the Graduate Diploma.

2.3 Status, exemption and credit transfer

2.3.1 Except with special permission of the Faculty, no candidate will be granted status for any course that he or she has presented for any award other than the Graduate Certificate in Gastronomy.

2.3.2 Such status as may be awarded in exceptional circumstances will only be awarded for graduate level studies.

2.3.3 In any case, no candidate will be awarded more than 6 units of status, except for those individuals who have completed the Graduate Certificate in Gastronomy.

2.3.4 A candidate who fails a course and wishes to repeat that course shall, unless exempted partially therefrom by the Executive Dean of the Faculty, again complete the required work in the course to the satisfaction of the teaching staff concerned.

2.4 Articulation with other awards

2.4.1 A candidate for the Graduate Diploma in Gastronomy who does not complete the requirements for the Graduate Diploma but satisfies the requirements for the Graduate Certificate may be admitted to the Graduate Certificate.

2.4.2 A candidate who has been admitted to the Graduate Certificate in Gastronomy and who subsequently satisfies the requirements for the Graduate Diploma must surrender the Graduate Certificate before being admitted to the Graduate Diploma.

2.4.3 A candidate for the degree of Master of Arts (Studies in Gastronomy) who satisfies the requirements for the Graduate Diploma but who does not complete the requirements of the Master degree may be admitted to the Graduate Diploma.

3 Assessment and examinations

3.1 There shall be four classifications of pass in any course for the Graduate Diploma: Pass with High Distinction, Pass with Distinction, Pass with Credit and Pass.

3.2 (a) A candidate shall not be eligible to be assessed by examination or otherwise, unless the prescribed work has been completed to the satisfaction of the teaching staff concerned.

(b) For the purpose of this Rule, a candidate who is refused permission to to be assessed by examination or otherwise shall be deemed to have failed the course.

3.3 A candidate who has failed a course twice may not re-enrol in that course except by special permission of the Faculty and then only under such conditions as may be prescribed.

4 Qualification requirements

4.1 Academic program

To qualify for the Graduate Diploma, a candidate shall satisfactorily complete courses to the value of 24 units, as follows:

4.1.1 Core courses

All candidates shall complete the following core courses:

GAST 5300 Principles of Gastronomy	6
GAST 5301 Food and Drink in Contemporary Western Society	6
GAST 5302 Gastronomy and Communication	6

4.1.2 Elective courses

All candidates shall complete one of the following elective courses:

GAST 5303 Gastronomic Tourism	6
GAST 5304 Food and Wine Technology	6

4.2 Unacceptable combinations of courses

No candidate will be permitted to count towards an award any course, together with any other course, which, in the opinion of the Faculty concerned, contains a substantial amount of the same material; and no course or portion of a course may be counted twice towards an award.

4.3 Graduation

Subject to Chapter 89 of the Statutes, candidates who have satisfied the requirements for any award of the University shall be admitted to that award at a graduation ceremony for the purpose.

5 Special circumstances

When in the opinion of the relevant Faculty special circumstances exist, the Council, on the recommendation of the Faculty in each case, may vary any of the provisions of the Academic Program Rules for any particular award.

Graduate Diploma in International Environmental Management

This program is offered jointly with the United Nations Environment Program, and is currently available to students enrolled through the Ngee Ann – Adelaide Education Centre and Research Centre for Eco-Environmental Sciences only.

Academic Program Rules

1 Duration of program

To qualify for the Graduate Diploma, a candidate shall satisfactorily complete one year of full-time study or not more than two years of part-time study.

2 Admission

2.1 An applicant for admission to the program of study for the Graduate Diploma in International Environmental Management shall have qualified for a degree of the University or a degree of another institution accepted by the Faculty for the purpose as equivalent to a degree of the University.

2.2 The Faculty may, subject to such conditions as it may see fit to impose in each case, accept as a candidate for the Graduate Diploma a person who does not satisfy the requirements of Rule 2.1 above but who has presented evidence satisfactory to the Faculty of fitness to undertake work for the Graduate Diploma.

2.3 Status, exemption and credit transfer

2.3.1 Except with special permission of the Faculty, no candidate will be granted status for any course which he or she has completed for another award.

2.3.2 Such status as may be awarded in exceptional circumstances will only be awarded for graduate level studies.

2.3.3 In any case, no candidate will be awarded more than 6 units of status, except for those candidates who have completed the Graduate Certificate in International Environmental Management (see Rule 2.4 below.)

2.3.4 A candidate who fails a course and desires to repeat that course shall, unless exempted partially therefrom by the Executive Dean of the Faculty, again complete the required work in the course to the satisfaction of the teaching staff concerned.

2.4 Articulation with other awards

2.4.1 A candidate for the Graduate Diploma in International Environmental Management who does not complete the requirements for the Graduate Diploma but satisfies the requirements for the Graduate Certificate may be admitted to the Graduate Certificate.

2.4.2 A candidate who has been admitted to the Graduate Certificate in International Environmental Management and who subsequently satisfies the requirements for the Graduate Diploma in International Environmental Management must surrender the Graduate Certificate before being admitted to the Graduate Diploma.

2.4.3 A candidate for the degree of Master of International Environmental Management who does not complete the requirements of the degree, but who satisfies the requirements for the Graduate Diploma may be admitted to the Graduate Diploma.

3 Assessment and examinations

3.1 There shall be four classifications of pass in any course for the Graduate Diploma: Pass with High Distinction, Pass with Distinction, Pass with Credit and Pass.

3.2 (a) A candidate shall not be eligible to be assessed by examination or otherwise, unless the prescribed work has been completed to the satisfaction of the teaching staff concerned.

(b) For the purpose of this Rule, a candidate who is refused permission to to be assessed by examination or otherwise shall be deemed to have failed the course.

3.3 A candidate who has failed a course twice may not re-enrol in that course except by special permission of the Faculty and then only under such conditions as may be prescribed.

4 Qualification requirements

4.1 Academic program

To qualify for the Graduate Diploma, a candidate shall satisfactorily complete courses to the value of 24 units, chosen from the following:

ENVT 5001NA Environmental Audit	3
ENVT 5010NA Environmental Impact Assessment	3
ENVT 5013NA Biodiversity Conservation	3
ENVT 5014NA Environmental Management Challenge	3
ENVT 5016NA Environmental Management Systems	3
ENVT 5019NA Environmental Project Management	3

ENVT 5033NA Issues in Sustainable Development	3
ENVT 5035NA Cleaner Production	3
ENVT 5038NA Special Study in Environmental Management	3
ENVT 5060NA Environmental Futures	3
GISC 5009NA Introduction to Spatial Information Systems	3

4.2 Unacceptable combinations of courses

No candidate will be permitted to count towards an award any course, together with any other course, which, in the opinion of the Faculty concerned, contains a substantial amount of the same material; and no course or portion of a course may be counted twice towards an award.

4.3 Graduation

Subject to Chapter 89 of the Statutes, candidates who have satisfied the requirements for any award of the University shall be admitted to that award at a graduation ceremony for the purpose.

5 Special circumstances

When in the opinion of the relevant Faculty special circumstances exist, the Council, on the recommendation of the Faculty in each case, may vary any of the provisions of the Academic Program Rules for any particular award.

Graduate Diploma in International Studies

Academic Program Rules

1 Duration of program

To qualify for the Graduate Diploma, a candidate shall satisfactorily complete one year of full-time study or not more than two years of part-time study.

2 Admission

2.1 An applicant for admission to the program of study for the Graduate Diploma in International Studies shall have qualified for a degree of the University, or a degree of another institution accepted by the Faculty for the purpose as equivalent to a degree of the University.

2.2 The Faculty may, subject to such conditions as it may see fit to impose in each case, accept as a candidate for the Graduate Diploma a person who does not satisfy the requirements of Rule 2.1 above but who has presented evidence satisfactory to the Faculty of fitness to undertake work for the Graduate Diploma.

2.3 Status, exemption and credit transfer

2.3.1 Except with special permission of the Faculty, no candidate will be granted status for any course which he or she has completed for another award.

2.3.2 Such status as may be awarded in exceptional circumstances will only be awarded for graduate level studies.

2.3.3 In any case, no candidate will be awarded more than 6 units of status, except for those candidates who have completed the Graduate Certificate in International Studies (see Rule 2.4 below).

2.3.4 A candidate who fails a course and desires to repeat that course shall, unless exempted partially therefrom by the Executive Dean of Faculty, again complete the required work in the course to the satisfaction of the teaching staff concerned.

2.4 Articulation with other awards

2.4.1 A candidate for Graduate Diploma in International Studies who does not complete the requirements for the Graduate Diploma but satisfies the requirements for the Graduate Certificate may be admitted to the Graduate Certificate.

2.4.2 A candidate who has been admitted to the Graduate Certificate in International Studies and who subsequently satisfies the requirements for the Graduate Diploma must surrender the Graduate Certificate before being admitted to the Graduate Diploma.

2.4.3 A candidate for the degree of Master of Arts (International Studies) who does not complete the requirements of that degree, but who satisfies the requirements for the Graduate Diploma may be admitted to the Graduate Diploma.

3 Assessment and examinations

3.1 There shall be four classifications of pass in any course for the Graduate Diploma: Pass with High Distinction, Pass with Distinction, Pass with Credit and Pass.

3.2 (a) A candidate shall not be eligible to be assessed by examination or otherwise, unless the prescribed work has been completed to the satisfaction of the teaching staff concerned.

(b) For the purpose of this Rule, a candidate who is refused permission to to be assessed by examination or otherwise shall be deemed to have failed the course.

3.3 A candidate who has failed a course twice may not re-enrol in that course except by special permission of the Faculty and then only under such conditions as may be prescribed.

4 Qualification requirements

4.1 Academic program

To qualify for the Graduate Diploma, a candidate shall satisfactorily complete courses to the value of 24 units, chosen from the following:

INST 5000 Approaches and Issues in International Relations	6
INST 5001 International Politics in the Post Cold War World	6
INST 5002 International Studies A	6
INST 5003 International Studies B	6

4.2 Unacceptable combinations of courses

No candidate will be permitted to count towards an award any course, together with any other course, which, in the opinion of the Faculty concerned, contains a substantial amount of the same material; and no course or portion of a course may be counted twice towards an award.

4.3 Graduation

Subject to Chapter 89 of the Statutes, candidates who have satisfied the requirements for any award of the University shall be admitted to that award at a graduation ceremony for the purpose.

5 Special circumstances

When in the opinion of the relevant Faculty special circumstances exist, the Council, on the recommendation of the Faculty in each case, may vary any of the provisions of the Academic Program Rules for any particular award.

Graduate Diploma in Population and Migration Studies

Note: This program will not be offered in 2004

Academic Program Rules

1 Duration of program

To qualify for the Graduate Diploma, a candidate shall satisfactorily complete one year of full-time study or not more than two years of part-time study.

2 Admission

2.1 An applicant for admission to the program of study for the Graduate Diploma in Population and Migration Studies shall have qualified for a degree of the University or a degree of another institution accepted by the Faculty for the purpose as equivalent to a degree of the University.

2.2 The Faculty may, subject to such conditions as it may see fit to impose in each case, accept as a candidate for the Graduate Diploma a person who does not satisfy the requirements of Rule 2.1 above but who has presented evidence satisfactory to the Faculty of fitness to undertake work for the Graduate Diploma.

2.3 Status, exemption and credit transfer

2.3.1 Except with special permission of the Faculty, no candidate will be granted status for any course which he or she has completed for another award.

2.3.2 Such status as may be awarded in exceptional circumstances will only be awarded for graduate level studies.

2.3.3 In any case, no candidate will be awarded more than 6 units of status, except for those candidates who have completed the Graduate Certificate in Population Studies (see Rule 2.4 below).

2.3.4 A candidate who fails a course and desires to repeat that course shall, unless exempted partially therefrom by the Executive Dean of Faculty, again complete the required work in the course to the satisfaction of the teaching staff concerned.

2.4 Articulation with other awards

2.4.1 A candidate for the Graduate Diploma in Population and Migration Studies who does not complete the requirements for the Graduate Diploma but satisfies the requirements for the Graduate Certificate in Population Studies may be admitted to the Graduate Certificate.

2.4.2 A candidate who has been admitted to the Graduate Certificate in Population and Migration Studies and who subsequently satisfies the requirements for the Graduate Diploma must surrender the Graduate Certificate before being admitted to the Graduate Diploma.

2.4.3 A candidate for the degree of Master of Arts (Population and Migration Studies) who does not complete the requirements of the degree, but who satisfies the requirements for the Graduate Diploma may be admitted to the Graduate Diploma.

3 Assessment and examinations

3.1 There shall be four classifications of pass in any course for the Graduate Certificate: Pass with High Distinction, Pass with Distinction, Pass with Credit and Pass.

3.2 (a) A candidate shall not be eligible to be assessed by examination or otherwise, unless the prescribed work has been completed to the satisfaction of the teaching staff concerned.

(b) For the purpose of this Rule, a candidate who is refused permission to to be assessed by examination or otherwise shall be deemed to have failed the course.

3.3 A candidate who has failed a course twice may not re-enrol in that course except by special permission of the Faculty and then only under such conditions as may be prescribed.

4 Qualification requirements

4.1 Academic program

To qualify for the Graduate Diploma, a candidate shall satisfactorily complete courses to the value of 24 units:

4.1.1 Core courses

GEOG 5068 Population Data Analysis	6
GEOG 5089 Population Studies	6

4.1.2 Elective courses

12 units selected from the following:

GEOG 5049 Applied Demography	6
GEOG 5054 Demography of the Family	6
GEOG 5059 Global International Migration	6
GEOG 5067 Population and the Environment	6

4.2 Unacceptable combinations of courses

No candidate will be permitted to count towards an award any course, together with any other course, which, in the opinion of the Faculty concerned, contains a substantial amount of the same material; and no course or portion of a course may be counted twice towards an award.

4.3 Graduation

Subject to Chapter 89 of the Statutes, candidates who have satisfied the requirements for any award of the University shall be admitted to that award at a graduation ceremony for the purpose.

5 Special circumstances

When in the opinion of the relevant Faculty special circumstances exist, the Council, on the recommendation of the Faculty in each case, may vary any of the provisions of the Academic Program Rules for any particular award.

Graduate Diploma in Spatial Information Science

Academic Program Rules

1 Duration of program

To qualify for the Graduate Diploma, a candidate shall satisfactorily complete one year of full-time study or not more than two years of part-time study.

2 Admission

2.1 An applicant for admission to the program of study for the Graduate Diploma in Spatial Information Science shall have qualified for a degree of the University or a degree of another institution accepted by the Faculty for the purpose as equivalent to a degree of the University.

2.2 The Faculty may, subject to such conditions as it may see fit to impose in each case, accept as a candidate for the Graduate Diploma a person who does not satisfy the requirements of Rule 2.1 above but who has presented evidence satisfactory to the Faculty of fitness to undertake work for the Graduate Diploma.

2.3 Status, exemption and credit transfer

2.3.1 Except with special permission of the Faculty, no candidate will be granted status for any course which he or she has completed for another award.

2.3.2 Such status as may be awarded in exceptional circumstances will only be awarded for graduate level studies.

2.3.3 In any case, no candidate will be awarded more than 6 units of status, except for those candidates who have completed the Graduate Certificate in Spatial Information Science (see Rule 2.4 below).

2.3.4 A candidate who fails a course and desires to repeat that course shall, unless exempted partially therefrom by the Executive Dean of Faculty, again complete the required work in the course to the satisfaction of the teaching staff concerned.

2.4 Articulation with other awards

2.4.1 A candidate for the Graduate Diploma in Spatial Information Science who does not complete the requirements for the Graduate Diploma but satisfies the requirements for the Graduate Certificate may be admitted to the Graduate Certificate.

2.4.2 A candidate who has been admitted to the Graduate Certificate in Spatial Information Science and who subsequently satisfies the requirements for the Graduate Diploma must surrender the Graduate Certificate before being admitted to the Graduate Diploma.

2.4.3 A candidate for the degree of Master of Spatial Information Science who does not complete the requirements of the degree, but who satisfies the requirements for the Graduate Diploma may be admitted to the Graduate Diploma.

3 Assessment and examinations

3.1 There shall be four classifications of pass in any course for the Graduate Diploma: Pass with High Distinction, Pass with Distinction, Pass with Credit and Pass.

3.2 (a) A candidate shall not be eligible to be assessed by examination or otherwise, unless the prescribed work has been completed to the satisfaction of the teaching staff concerned.

(b) For the purpose of this Rule, a candidate who is refused permission to to be assessed by examination or otherwise shall be deemed to have failed the course.

3.3 A candidate who has failed a course twice may not re-enrol in that course except by special permission of the Faculty and then only under such conditions as may be prescribed.

4 Qualification requirements

4.1 Academic program

To qualify for the Graduate Diploma, a candidate shall satisfactorily complete courses to a total of 24 units, as follows:

4.1.1 Core courses

GISC 5008 Introduction to Spatial Data Models	3
GISC 5009 Introduction to Spatial Information Systems	3
GISC 5011 Research Project SIS	6
GISC 5013 Spatial Data Modelling & Analysis	3
GISC 5014 Spatial Data Visualisation	3

4.1.2 Elective courses

6 units selected from the following

GISC 5001 Advanced Raster Analysis	3
GISC 5006 Field Sampling Techniques	3
GISC 5010 New Technologies in GIS	3
GISC 5012 Social Applications in GIS	3

GISC 5015 Special Topic in Spatial Data Models	3
GISC 5016 Special Topic in Spatial Data Modeling and Analysis	3

Alternative courses may be made available as appropriate, depending on students' previous study or employment history.

Students may also select from elective courses offered in Environmental Science and Rangeland Management. It may also be possible to substitute other electives to a total of 3 units from cognate areas with the permission of the Program Convenor.

4.2 Unacceptable combinations of courses

No candidate will be permitted to count towards an award any course, together with any other course, which, in the opinion of the Faculty concerned, contains a substantial amount of the same material; and no course or portion of a course may be counted twice towards an award.

4.3 Graduation

Subject to Chapter 89 of the Statutes, candidates who have satisfied the requirements for any award of the University shall be admitted to that award at a graduation ceremony for the purpose.

5 Special circumstances

When in the opinion of the relevant Faculty special circumstances exist, the Council, on the recommendation of the Faculty in each case, may vary any of the provisions of the Academic Program Rules for any particular award.

Master of Arts

Academic Program Rules

1 General

1.1 This document must be read in conjunction with:

(a) the General Academic Program Rules for Master by Research Programs (see under Adelaide Graduate Centre, p.8) *and*

(b) the Code of Practice for Maintaining and Monitoring Academic Quality and Standards in Higher Degrees by Research, published by the Adelaide Graduate Centre.

These documents explain procedures to be followed and contain guidelines on supervision and research for the degree of Doctor of Philosophy and the various Masters Degrees by Research, offered by the University.

All students must comply with both the General Academic Rules and the rules following below, and procedures outlined in the Code of Practice.

In addition to the General Academic Program Rules for Masters by Research degrees, in this publication, the following discipline specific rules apply.

2 Admission

2.1 Further to Rule 5.1 of the General Academic Program Rules, an Honours degree in the respective discipline or approved cognate discipline, at IIA or higher, will normally be required for admission to the degree of Master of Arts.

2.2 Submission of thesis

Further to Rule 14.3 of the General Academic Program Rules, the degree of Master of Arts shall not be awarded on the basis of a portfolio of publications in lieu of a research thesis.

Master of Arts (Applied Anthropology)

Note: This program will not be offered in 2004

Academic Program Rules

1 Duration of program

To qualify for the degree, a candidate shall satisfactorily complete a course of study comprising three semesters of full-time study or not more than three years of part-time study.

2 Admission

2.1 An applicant for admission to the academic program for the degree of Master of Arts (Applied Anthropology) shall

(a) have qualified for a degree of the University, at an appropriate standard, or a degree of another institution accepted by the Faculty for the purpose as equivalent to a degree of the University *or*

(b) have qualified for the Graduate Diploma in Applied Anthropology with results of at credit level or higher.

2.2 The Faculty may, subject to such conditions as it may see fit to impose in each case, accept as a candidate for the degree a person who does not satisfy the requirements of Rule 2.1 above but who has presented evidence satisfactory to the Faculty of fitness to undertake work for the degree.

2.3 Status, exemption and credit transfer

2.3.1 Except with special permission of the Faculty, no candidate will be granted status for any course that he or she has presented for any award other than the Graduate Diploma in Applied Anthropology (see Rule 2.4 below).

2.3.2 Such status as may be awarded in exceptional circumstances will only be awarded for graduate level studies.

2.3.3 In any case, no candidate will be awarded more than 12 units of status, except for those candidates who have completed the Graduate Diploma in Applied Anthropology.

2.3.4 A candidate who fails a course and wishes to repeat that course shall, unless exempted partially therefrom by the Executive Dean of the Faculty concerned, again complete the required work in the course to the satisfaction of the teaching staff concerned.

2.4 Articulation with other awards

2.4.1 A candidate for the Master of Arts (Applied Anthropology) who does not complete the requirements for the Masters degree but satisfies the requirements for the Graduate Certificate or Graduate Diploma may be admitted to one or other of those awards as appropriate.

2.4.2 A candidate who has been admitted to the Graduate Diploma in Applied Anthropology and who subsequently satisfies the requirements for the Master of Arts (Applied Anthropology) must surrender the Graduate Diploma before being admitted to the Master degree.

3 Assessment and examinations

3.1 There shall be four classifications of pass in any course for the Masters degree: Pass with High Distinction, Pass with Distinction, Pass with Credit and Pass.

3.2 (a) A candidate shall not be eligible to be assessed by examination or otherwise, unless the prescribed work has been completed to the satisfaction of the teaching staff concerned.

(b) For the purpose of this Rule, a candidate who is refused permission to to be assessed by examination or otherwise shall be deemed to have failed the course.

3.3 A candidate who has failed a course twice may not re-enrol in that course except by special permission of the Faculty and then only under such conditions as may be prescribed.

3.4 A candidate shall complete the coursework component of the degree with a credit average, before proceeding to the research component of the degree. A candidate who is not eligible to undertake the research component, but has satisfied the requirements for the Graduate Certificate or Graduate Diploma may be admitted to one or other of those awards as appropriate.

4 Qualification requirements

4.1 Academic program

To qualify for the degree, a candidate shall satisfactorily complete courses to the value of 36 units, as follows:

4.1.1 Core courses

All candidates shall complete the following core courses:

ANTH 5002 Anthropological Practice	6
ANTH 5004 Social Theory Applications	6

4.1.2 Elective courses

All candidates shall complete 12 units selected from the following elective courses:

ANTH 5001 Anthropology for Native Title Practice	6
ANTH 5005 An Anthropology of Justice and Law	6
ANTH 5006 Environmentalism: Anthropological Perspectives	6
ANTH 5007 Health: Institutions, Discourses and Power	6
ANTH 5008 Research Internship	6

4.1.3 Dissertation

All candidates shall complete either the full-time or the part-time version of the dissertation:

ANTH 5501 Dissertation in Applied Anthropology F/T	12
ANTH 5502A/B Dissertation in Applied Anthropology P/T	12

4.2 Unacceptable combinations of courses

No candidate will be permitted to count towards an award any course, together with any other course, which, in the opinion of the Faculty concerned, contains a substantial amount of the same material; and no course or portion of a course may be counted twice towards an award.

4.3 Graduation

Subject to Chapter 89 of the Statutes, candidates who have satisfied the requirements for any award of the University shall be admitted to that award at a graduation ceremony for the purpose.

5 Special circumstances

When in the opinion of the relevant Faculty special circumstances exist, the Council, on the recommendation of the Faculty in each case, may vary any of the provisions of the Academic Program Rules for any particular award.

Master of Arts (Applied Historical Studies)

Note: This program will not be offered in 2004

Academic Program Rules

1 Duration of program

To qualify for the degree a student shall satisfactorily complete a program of three semesters of full-time study or not more than three years of continuous part-time study

2 Admission

2.1 An applicant for admission to the program of study for the degree of Master of Arts (Applied Historical Studies) shall:

(a) have qualified for a degree of the University, at an appropriate standard, or a degree of another institution accepted by the Faculty for the purpose as equivalent to a degree of the University *or*

(b) have qualified for the Graduate Diploma in Applied Historical Studies at Credit level or higher.

2.2 The Faculty may, subject to such conditions as it may see fit to impose in each case, accept as a candidate for the degree a person who does not satisfy the requirements of Rule 2.1 above but who has presented evidence satisfactory to the Faculty of fitness to undertake work for the degree.

2.3 Status, exemption and credit transfer

2.3.1 Except with special permission of the Faculty, no candidate will be granted status for any course which he or she has completed for another award.

2.3.2 Such status as may be awarded in exceptional circumstances will only be awarded for graduate level studies.

2.3.3 In any case, no candidate will be awarded more than 12 units of status, except for those candidates who have completed the Graduate Diploma in Applied Historical Studies (see Rule 2.4 below).

2.3.4 A candidate who fails a course and wishes to repeat that course shall, unless exempted partially therefrom by the Executive Dean of Faculty, again complete the required work in the course to the satisfaction of the teaching staff concerned.

2.4 Articulation with other awards

2.4.1 A candidate for the Master of Arts (Applied Historical Studies) who does not complete the requirements for the Masters degree but satisfies the requirements for the Graduate Certificate or Graduate Diploma may be admitted to one or other of those awards as appropriate.

2.4.2 A candidate who has been admitted to the Graduate Diploma in Applied Historical Studies and who subsequently satisfies the requirements for the Master of Arts (Applied Historical Studies) must surrender the Graduate Diploma before being admitted to the Masters degree.

3 Assessment and examinations

3.1 There shall be four classifications of pass in any course for the degree of Master of Arts (Applied Historical Studies): Pass with High Distinction, Pass with Distinction, Pass with Credit and Pass.

3.2 (a) A candidate shall not be eligible to be assessed by examination or otherwise, unless the prescribed work has been completed to the satisfaction of the teaching staff concerned.

(b) For the purpose of this Rule, a candidate who is refused permission to to be assessed by examination or otherwise shall be deemed to have failed the course.

3.3 A candidate who has failed a course twice may not re-enrol in that course except by special permission of the Faculty and then only under such conditions as may be prescribed.

3.4 A candidate shall complete the coursework component of the degree with a credit average, before proceeding to the research component of the degree. A candidate who is not eligible to undertake the research component, but has satisfied the requirements for the Graduate Certificate or Graduate Diploma may be admitted to one or other of those awards as appropriate.

4 Qualification requirements

4.1 Academic program

To qualify for for the degree of Master of Arts (Applied Historical Studies) candidates shall complete a program of study to a total of 36 units as follows:

4.1.1 Coursework courses

All students shall satisfactorily complete the following:

HIST 5001 Practical History Workshop I	6
HIST 5002 Practical History Workshop II	6

HIST 5003 Public History: Principles & Practice 6

HIST 5005 Heritage and History in Contemporary Australia 6

4.1.2 Special Research Project

All students shall complete one 12 unit Research Project of up to 20,000 words:

either

HIST 5500 Research Project in Applied Historical Studies F/T 12

or

HIST 5501A/B Research Project in Applied Historical Studies P/T 12

4.2 To be eligible to have the degree conferred, candidates are required to provide three bound copies of the Special Research Project to the Faculty, after it has been passed and accepted for the degree.

4.3 Unacceptable combinations of courses

No candidate will be permitted to count towards an award any course, together with any other course, which, in the opinion of the Faculty concerned, contains a substantial amount of the same material; and no course or portion of a course may be counted twice towards an award.

4.4 Graduation

Subject to Chapter 89 of the Statutes, candidates who have satisfied the requirements for any award of the University shall be admitted to that award at a graduation ceremony for the purpose.

5 Special circumstances

When in the opinion of the relevant Faculty special circumstances exist, the Council, on the recommendation of the Faculty in each case, may vary any of the provisions of the Academic Program Rules for any particular award.

Master of Arts (Applied Linguistics)

Academic Program Rules

1 Duration of program

To qualify for the degree, a candidate shall satisfactorily complete one and a half years of full-time study or not more than three years of part-time study.

2 Admission

2.1 An applicant for admission to the program of study for the degree of Master of Arts (Applied Linguistics) shall have:

(a) qualified for a degree of the University, at an appropriate standard, or a degree of another institution accepted by the Faculty for the purpose as equivalent to a degree of the University *or*

(b) qualified for a Graduate Diploma in Applied Linguistics at a Credit level or higher.

2.2 The Faculty may, subject to such conditions as it may see fit to impose in each case, accept as a candidate for the degree a person who does not satisfy the requirements of Rule 2.1 above but who has presented evidence satisfactory to the Faculty of fitness to undertake work for the degree.

2.3 Status, exemption and credit transfer

2.3.1 Except with special permission of the Faculty, no candidate will be granted status for any course which he or she has completed for another award.

2.3.2 Such status as may be awarded in exceptional circumstances will only be awarded for graduate level studies.

2.3.3 In any case, no candidate will be awarded more than 12 units of status, except for those candidates who have completed the Graduate Diploma in Applied Linguistics (see Rule 2.3 below).

2.3.4 A candidate who fails a course and wishes to repeat that course shall, unless exempted partially therefrom by the Executive Dean of Faculty, again complete the required work in the course to the satisfaction of the teaching staff concerned.

2.4 Articulation with other awards

2.4.1 A candidate for the Master of Arts (Applied Linguistics) who does not complete the requirements for the Masters degree but satisfies the requirements for the Graduate Certificate or Graduate Diploma may be admitted to one or other of those awards as appropriate.

2.4.2 A candidate who has been admitted to the of Graduate Diploma in Applied Linguistics and who subsequently satisfies the requirements for the Master of Arts (Applied Linguistics) must surrender the Graduate Diploma before being admitted to the Masters degree.

3 Assessment and examinations

3.1 There shall be four classifications of pass in any course for the degree of Master of Arts (Applied Linguistics): Pass with High Distinction, Pass with Distinction, Pass with Credit and Pass.

3.2 (a) A candidate shall not be eligible to be assessed by examination or otherwise, unless the prescribed work has been completed to the satisfaction of the teaching staff concerned.

(b) For the purpose of this Rule, a candidate who is refused permission to to be assessed by examination or otherwise shall be deemed to have failed the course.

3.3 A candidate who has failed a course twice may not re-enrol in that course except by special permission of the Faculty and then only under such conditions as may be prescribed.

3.4 A candidate shall complete the coursework component of the degree with a credit average, before proceeding to the research component of the degree. A candidate who is not eligible to undertake the research component, but has satisfied the requirements for the Graduate Certificate or Graduate Diploma may be admitted to one or other of those awards as appropriate.

4 Qualification requirements

4.1 Academic program

To qualify for the degree, a candidate shall complete courses to the value of 36 units, as follows.

4.1.1 Core course

All candidates, shall complete the following course:

LING 5004 Language and Meaning	6

4.1.2 Elective courses

All candidates, except those who have completed the Graduate Certificate, shall complete elective courses to the value of 18 units chosen selected from the following:

LING 5001 Computer Assisted Language Learning - CALL	6
LING 5008 Language and the Environment	6
LING 5009 Language Teaching in Specific Settings	6
LING 5010 English for Academic Purposes	6
LING 5011 Language and Learning	6
LING 5030 Language and Communication Planning	6
LING 5059 Special Topic in Linguistics	6

4.1.3 No candidate will be permitted to count for the award any course that, in the opinion of the Faculty, contains substantially the same material as any other course which he or she has already presented for another award.

4.1.4 Dissertation

All candidates shall complete either the full-time or the part-time version of the dissertation:

LING 5501 Dissertation in Linguistics (F/T)	12
or	
LING 5502A/B Dissertation in Linguistics (P/T)	12

4.2 To be eligible to have the degree conferred, candidates are required to provide three bound copies of the dissertation to the Faculty, after it has been passed and accepted for the degree.

4.3 Unacceptable combinations of courses

No candidate will be permitted to count towards an award any course, together with any other course, which, in the opinion of the Faculty concerned, contains a substantial amount of the same material; and no course or portion of a course may be counted twice towards an award.

4.4 Graduation

Subject to Chapter 89 of the Statutes, candidates who have satisfied the requirements for any award of the University shall be admitted to that award at a graduation ceremony for the purpose.

5 Special circumstances

When in the opinion of the relevant Faculty special circumstances exist, the Council, on the recommendation of the Faculty in each case, may vary any of the provisions of the Academic Program Rules for any particular award.

Master of Arts (Creative Writing)

Academic Program Rules

1 Duration of program

To qualify for the degree, a candidate shall satisfactorily complete a program of study comprising two years of full-time study or not more than four years of part-time study.

2 Admission

2.1 An applicant for admission to the program of study for the degree of Master of Arts (Creative Writing) shall

(a) have qualified for the Graduate Diploma in Creative Writing at a standard acceptable to the School or have qualified for a degree of the University, at an appropriate standard in an approved field of study, or a degree of another institution accepted by the Faculty for the purpose as equivalent to a degree of the University *and*

(b) have presented a suitable portfolio of creative writing.

2.2 The Faculty may, subject to such conditions as it may see fit to impose in each case, accept as a candidate for the degree a person who does not satisfy the requirements of Rule 2.1 above but who has presented evidence satisfactory to the Faculty of fitness to undertake work for the degree.

2.3 Status, exemption and credit transfer

2.3.1 Except with special permission of the Faculty, no candidate will be granted status for any course which he or she has completed for another award.

2.3.2 Such status as may be awarded in exceptional circumstances will only be awarded for graduate level studies.

2.3.3 In any case, no candidate will be awarded more than 12 units of status, except for those candidates who have completed the Graduate Diploma in Creative Writing (see Rule 2.4 below).

2.3.4 A candidate who fails a course and wishes to repeat that course shall, unless exempted partially therefrom by the Executive Dean of the Faculty, again complete the required work in the course to the satisfaction of the teaching staff concerned.

2.4 Articulation with other awards

2.4.1 A candidate for the Master of Arts (Creative Writing) who does not complete the requirements for the Masters degree but satisfies the requirements for the Graduate Certificate or Graduate Diploma may be admitted to one or other of those awards as appropriate.

2.4.2 A candidate who has been admitted to the Graduate Diploma in Creative Writing and who subsequently satisfies the requirements for the Master of Arts (Creative Writing) must surrender the Graduate Diploma before being admitted to the Master degree.

3 Assessment and examinations

3.1 There shall be four classifications of pass in any course for the Masters degree: Pass with High Distinction, Pass with Distinction, Pass with Credit and Pass.

3.2 (a) A candidate shall not be eligible to be assessed by examination or otherwise, unless the prescribed work has been completed to the satisfaction of the teaching staff concerned

(b) For the purpose of this Rule, a candidate who is refused permission to to be assessed by examination or otherwise shall be deemed to have failed the course.

3.3 A candidate who has failed a course twice may not re-enrol in that course except by special permission of the Faculty and then only under such conditions as may be prescribed.

3.4 A candidate shall complete the coursework component of the degree with a Credit average, before proceeding to the research component of the degree. A candidate who is not eligible to undertake the research component, but has satisfied the requirements for the Graduate Certificate or Graduate Diploma may be admitted to one or other of those awards as appropriate.

4 Qualification requirements

4.1 Academic program

To qualify for the degree of Master of Arts (Creative Writing), a candidate shall satisfactorily complete courses to the value of 48 units, as follows.

4.1.1 Core courses

All candidates shall complete the following courses:

ENGL 5001 Work in Progress	8
ENGL 5002 Creative Writing Study A	4
ENGL 5003 Creative Writing Study B	4
ENGL 5004 Advanced Work in Progress	8

4.1.2 Dissertation

All candidates shall complete the following course:

ENGL 5500A/B Creative Writing Dissertation	24

4.2 To be eligible to have the degree conferred, candidates are required to provide three bound copies of the dissertation to the Faculty, after it has been passed and accepted for the degree.

4.3 Unacceptable combinations of courses

No candidate will be permitted to count towards an award any course, together with any other course, which, in the opinion of the Faculty concerned, contains a substantial amount of the same material; and no course or portion of a course may be counted twice towards an award.

4.4 Graduation

Subject to Chapter 89 of the Statutes, candidates who have satisfied the requirements for any award of the University shall be admitted to that award at a graduation ceremony for the purpose.

5 Special circumstances

When in the opinion of the relevant Faculty special circumstances exist, the Council, on the recommendation of the Faculty in each case, may vary any of the provisions of the Academic Program Rules for any particular award.

Le Cordon Bleu Master of Arts (Gastronomy)

Academic Program Rules

1 Duration of program

To qualify for the degree, a candidate shall satisfactorily complete the program of study within three years.

2 Admission

2.1 An applicant for admission to the academic program for the degree of Master of Arts (Gastronomy) shall:

(a) have qualified for a degree of the University, at an appropriate standard in an approved field of study, or a degree of another institution accepted by the Faculty for the purpose as equivalent to a degree of the University *or*

(b) have qualified for the Graduate Diploma in Gastronomy with results of at credit level or higher.

2.2 The Faculty may, course to such conditions as it may see fit to impose in each case, accept as a candidate for the degree a person who does not satisfy the requirements of Rule 2.1 above but who has presented evidence satisfactory to the Faculty of fitness to undertake work for the degree.

2.3 Status, exemption and credit transfer

2.3.1 Except with special permission of the Faculty, no candidate will be granted status for any course that he or she has presented for any award other than the Graduate Diploma in Gastronomy (see Rule 2.4 below).

2.3.2 Such status as may be awarded in exceptional circumstances will only be awarded for graduate level studies.

2.3.3 In any case, no candidate will be awarded more than 12 units of status, except for those candidates who have completed the Graduate Diploma in Gastronomy.

2.3.4 A candidate who fails a course and wishes to repeat that course shall, unless exempted partially therefrom by the Executive Dean of the Faculty again complete the required work in the course to the satisfaction of the teaching staff concerned.

2.4 Articulation with other awards

2.4.1 A candidate for the Master of Arts (Gastronomy) who does not complete the requirements for the Masters degree but satisfies the requirements for the Graduate Certificate or Graduate Diploma may be admitted to one or other of those awards as appropriate.

2.4.2 A candidate who has been admitted to the Graduate Diploma in Gastronomy and who subsequently satisfies the requirements for the Master of Arts (Gastronomy) must surrender the Graduate Diploma before being admitted to the Master degree.

3 Assessment and examinations

3.1 There shall be four classifications of pass in any course for the Masters degree: Pass with High Distinction, Pass with Distinction, Pass with Credit and Pass.

3.2 (a) A candidate shall not be eligible to be assessed by examination or otherwise, unless the prescribed work has been completed to the satisfaction of the teaching staff concerned.

(b) For the purpose of this Rule, a candidate who is refused permission to to be assessed by examination or otherwise shall be deemed to have failed the course.

3.3 A candidate who has failed a course twice may not re-enrol in that course except by special permission of the Faculty and then only under such conditions as may be prescribed.

3.4 A candidate shall complete the coursework component of the degree with a credit average, before proceeding to the research component of the degree. A candidate who is not eligible to undertake the research component, but has satisfied the requirements for the Graduate Certificate or Graduate Diploma may be admitted to one or other of those awards as appropriate.

4 Qualification requirements

4.1 Academic program

To qualify for the degree, a candidate shall satisfactorily complete courses to the value of 36 units, as follows:

4.1.1 Core courses

All candidates shall complete the following core courses:

GAST 5300 Principles of Gastronomy	6
GAST 5301 Food and Drink in Contemporary Western Society	6
GAST 5302 Gastronomy and Communication	6

4.1.2 Elective courses

All candidates shall complete one of the following elective courses:

GAST 5303 Gastronomic Tourism	6
GAST 5304 Food and Wine Technology	6

4.1.3 Dissertation/Research Projects

All candidates shall complete either the full-time or the part-time version of the dissertation:

GAST 5530 Dissertation in Gastronomy F/T	12
GAST 5531A/B Dissertation in Gastronomy P/T	12

or

two research projects to a total of 12 units:

GAST 5532 Research Project in Gastronomy A	6
GAST 5533 Research Project in Gastronomy B	6

4.2 Unacceptable combinations of courses

No candidate will be permitted to count towards an award any course, together with any other course, which, in the opinion of the Faculty concerned, contains a substantial amount of the same material; and no course or portion of a course may be counted twice towards an award.

4.3 Graduation

Subject to Chapter 89 of the Statutes, candidates who have satisfied the requirements for any award of the University shall be admitted to that award at a graduation ceremony for the purpose.

5 Special circumstances

When in the opinion of the relevant Faculty special circumstances exist, the Council, on the recommendation of the Faculty in each case, may vary any of the provisions of the Academic Program Rules for any particular award.

Master of Arts (International Studies)

Academic Program Rules

1 Duration of program

To qualify for the degree, a candidate shall satisfactorily complete a program of study comprising three semesters of full-time study or not more than three years of part-time study.

2 Admission

2.1 An applicant for admission to the program of study for the degree of Master of Arts (International Studies) shall:

(a) have qualified for a degree of the University, at an appropriate standard, or a degree of another institution accepted by the Faculty for the purpose as equivalent to a degree of the University *or*

(b) have qualified for the Graduate Diploma in International Studies at Credit level or higher.

2.2 The Faculty may, subject to such conditions as it may see fit to impose in each case, accept as a candidate for the degree a person who does not satisfy the requirements of Rule 2.1 above but who has presented evidence satisfactory to the Faculty of fitness to undertake work for the degree.

2.3 Status, exemption and credit transfer

2.3.1 Except with special permission of the Faculty, no candidate will be granted status for any course which he or she has completed for another award.

2.3.2 Such status as may be awarded in exceptional circumstances will only be awarded for graduate level studies.

2.3.3 In any case, no candidate will be awarded more than 12 units of status, except for those candidates who have completed the Graduate Diploma in International Studies (see Rule 2.4 below).

2.3.4 A candidate who fails a course and wishes to repeat that course shall, unless exempted partially therefrom by the Executive Dean of Faculty, again complete the required work in the course to the satisfaction of the teaching staff concerned.

2.4 Articulation with other awards

2.4.1 A candidate for the Master of Arts (International Studies) who does not complete the requirements for the Masters degree but satisfies the requirements for the Graduate Certificate or Graduate Diploma may be admitted to one or other of those awards as appropriate.

2.4.2 A candidate who has been admitted to the of Graduate Diploma in International Studies and who subsequently satisfies the requirements for the Master of Arts (International Studies) must surrender the Graduate Diploma before being admitted to the Masters degree.

3 Assessment and examinations

3.1 There shall be four classifications of pass in any course for the degree of Master of Arts (International Studies): Pass with High Distinction, Pass with Distinction, Pass with Credit and Pass.

3.2 (a) A candidate shall not be eligible to be assessed by examination or otherwise, unless the prescribed work has been completed to the satisfaction of the teaching staff concerned.

(b) For the purpose of this Rule, a candidate who is refused permission to to be assessed by examination or otherwise shall be deemed to have failed the course.

3.3 A candidate who has failed a course twice may not re-enrol in that course except by special permission of the Faculty and then only under such conditions as may be prescribed.

3.4 A candidate shall complete the coursework component of the degree with a credit average, before proceeding to the research component of the degree. A candidate who is not eligible to undertake the research component, but has satisfied the requirements for the Graduate Certificate or Graduate Diploma may be admitted to one or other of those awards as appropriate.

4 Qualification requirements

4.1 Academic program

To qualify for the degree of Master of Arts (International Studies), a candidate shall satisfactorily complete courses to the value of 36 units, as follows.

4.1.1 Core courses

All candidates shall complete the following:

INST 5000 Approaches and Issues in International Relations	6
INST 5001 International Politics in the Post Cold War World	6
INST 5002 International Studies A	6
INST 5003 International Studies B	6

4.1.2 Dissertation

All candidates shall complete either the full-time or the part-time version of the dissertation:

INST 5500 Dissertation in International Studies F/T	12
INST 5501A/B Dissertation in International Studies P/T	12

4.2 To be eligible to have the degree conferred, candidates are required to provide three bound copies of the dissertation to the Faculty, after it has been passed and accepted for the degree

4.3 Unacceptable combinations of courses

No candidate will be permitted to count towards an award any course, together with any other course, which, in the opinion of the Faculty concerned, contains a substantial amount of the same material; and no course or portion of a course may be counted twice towards an award.

4.4 Graduation

Subject to Chapter 89 of the Statutes, candidates who have satisfied the requirements for any award of the University shall be admitted to that award at a graduation ceremony for the purpose.

5 Special circumstances

When in the opinion of the relevant Faculty special circumstances exist, the Council, on the recommendation of the Faculty in each case, may vary any of the provisions of the Academic Program Rules for any particular award.

Master of Arts (Population and Migration Studies)

Note: This program will not be offered in 2004

Academic Program Rules

1 Duration of program

To qualify for the degree, a candidate shall satisfactorily complete a program of study comprising three semesters of full-time study or not more than three years of part-time study.

2 Admission

2.1 An applicant for admission to the program of study for the degree of Master of Arts (Population and Migration Studies) shall:

(a) have qualified for a degree of the University, at an appropriate standard, or a degree of another institution accepted by the Faculty for the purpose as equivalent to a degree of the University *or*

(b) have qualified for a Graduate Diploma in Population and Migration Studies at a Credit level or higher.

2.2 The Faculty may, subject to such conditions as it may see fit to impose in each case, accept as a candidate for the degree a person who does not satisfy the requirements of Rule 2.1 above but who has presented evidence satisfactory to the Faculty of fitness to undertake work for the degree.

2.3 Status, exemption and credit transfer

2.3.1 Except with the special permission of the Faculty, no candidate will be granted status for any course which he or she has completed for another award.

2.3.2 Such status as may be awarded in exceptional circumstances will only be awarded for graduate level studies.

2.3.3 In any case, no candidate will be awarded more than 12 units of status, except for those candidates who have completed the Graduate Diploma in Population and Migration Studies (see Rule 2.4 below).

2.3.4 A candidate who fails a course and wishes to repeat that course shall, unless exempted partially therefrom by the Executive Dean of Faculty, again complete the required work in the course to the satisfaction of the teaching staff concerned.

2.4 Articulation with other awards

2.4.1 A candidate for the Master of Arts (Population and Migration Studies) who does not complete the requirements for the Masters degree but satisfies the requirements for the Graduate Certificate or Graduate Diploma may be admitted to one or other of those awards as appropriate.

2.4.2 A candidate who has been admitted to the Graduate Diploma in Population and Migration Studies and who subsequently satisfies the requirements for the Master of Arts (Population and Migration Studies) must surrender the Graduate Diploma before being admitted to the Masters degree.

3 Assessment and examinations

3.1 There shall be four classifications of pass in any course for the Master of Arts (Population and Migration Studies): Pass with High Distinction, Pass with Distinction, Pass with Credit and Pass.

3.2 (a) A candidate shall not be eligible to be assessed by examination or otherwise, unless the prescribed work has been completed to the satisfaction of the teaching staff concerned.

(b) For the purpose of this Rule, a candidate who is refused permission to to be assessed by examination or otherwise shall be deemed to have failed the course.

3.3 A candidate who has failed a course twice may not re-enrol in that course except by special permission of the Faculty and then only under such conditions as may be prescribed.

3.4 A candidate shall complete the coursework component of the degree with a Credit average, before proceeding to the research component of the degree. A candidate who is not eligible to undertake the research component, but has satisfied the requirements for the Graduate Certificate or Graduate Diploma may be admitted to one or other of those awards as appropriate.

4 Qualification requirements

4.1 Academic program

To qualify for the degree, a candidate shall satisfactorily complete courses to the value of 36 units, as follows.

4.1.1 Core courses

All candidates shall complete the following courses:

GEOG 5068 Population Data Analysis	6
GEOG 5089 Population Studies	6

4.1.2 Elective courses

All candidates shall complete elective courses to the value of 12 units selected from the following:

GEOG 5049 Applied Demography	6
GEOG 5054 Demography of the Family	6
GEOG 5059 Global International Migration	6
GEOG 5067 Population and the Environment	6

4.1.3 Research project

All candidates shall complete either the full-time or the part-time version of the following course:

GEOG 5500 Research Project in Population and Migration Studies F/T	12
or	
GEOG 5501A/B Research Project in Population and Migration Studies P/T	12

4.2 Unacceptable combinations of courses

No candidate will be permitted to count towards an award any course, together with any other course, which, in the opinion of the Faculty concerned, contains a substantial amount of the same material; and no course or portion of a course may be counted twice towards an award

4.3 Graduation

Subject to Chapter 89 of the Statutes, candidates who have satisfied the requirements for any award of the University shall be admitted to that award at a graduation ceremony for the purpose.

5 Special circumstances

When in the opinion of the relevant Faculty special circumstances exist, the Council, on the recommendation of the Faculty in each case, may vary any of the provisions of the Academic Program Rules for any particular award.

Master of Arts (Studies in Art History)

Academic Program Rules

1 Duration of program

To qualify for the degree, a candidate shall satisfactorily complete a course of study comprising three semesters of full-time study or no more than three years of part-time study.

2 Admission

2.1 An applicant for admission to the academic program for the degree of Master of Arts (Studies in Art History) shall:

(a) have qualified for an Honours degree of the University at IIA level or higher, in an appropriate field of study, or a degree of another institution accepted by the Faculty for the purpose as equivalent to a degree of the University *or*

(b) have qualified for the Graduate Diploma in Art History with results of at Credit level or higher.

2.2 The Faculty may, subject to such conditions as it may see fit to impose in each case, accept as a candidate for the degree a person who does not satisfy the requirements of Rule 2.1 above but who has presented evidence satisfactory to the Faculty of fitness to undertake work for the degree.

2.3 Status, exemption and credit transfer

2.3.1 Except with special permission of the Faculty, no candidate will be granted status for any course that he or she has presented for any award other than the Graduate Diploma in Art History (see Rule 2.4 below).

2.3.2 Such status as may be awarded in exceptional circumstances will only be awarded for graduate level studies.

2.3.3 In any case, no candidate will be awarded more than 12 units of status, except for those candidates who have completed the Graduate Diploma in Art History.

2.3.4 A candidate who fails a course and wishes to repeat that course shall, unless exempted partially therefrom by the Executive Dean of the Faculty, again complete the required work in the course to the satisfaction of the teaching staff concerned.

2.4 Articulation with other awards

2.4.1 A candidate for the Master of Arts (Studies in Art History) who does not complete the requirements for the Masters degree but satisfies the requirements for the Graduate Certificate or Graduate Diploma may be admitted to one or other of those awards as appropriate.

2.4.2 A candidate who has been admitted to the Graduate Diploma in Art History and who subsequently satisfies the requirements for the Master of Arts (Studies in Art History) must surrender the Graduate Diploma before being admitted to the Master degree.

3 Assessment and examinations

3.1 There shall be four classifications of pass in any course for the Masters degree: Pass with High Distinction, Pass with Distinction, Pass with Credit and Pass.

3.2 (a) A candidate shall not be eligible to be assessed by examination or otherwise, unless the prescribed work has been completed to the satisfaction of the teaching staff concerned.

(b) For the purpose of this Rule, a candidate who is refused permission to to be assessed by examination or otherwise shall be deemed to have failed the course.

3.3 A candidate who has failed a course twice may not re-enrol in that course except by special permission of the Faculty and then only under such conditions as may be prescribed.

3.4 A candidate shall complete the coursework component of the degree with a Credit average, before proceeding to the research component of the degree. A candidate who is not eligible to undertake the research component, but has satisfied the requirements for the Graduate Certificate or Graduate Diploma may be admitted to one or other of those awards as appropriate.

4 Academic Program requirements

4.1 Academic program

4.1.1 To qualify for the degree, a candidate shall satisfactorily complete courses to the value of 36 units, chosen from the following:

ARTH 5200 Studies in European Paintings Connoisseurship	6
ARTH 5201 Studies in Australian Colonial Art	6
ARTH 5202 Studies in Asian Art	6
ARTH 5203 Studies in Australian Art	6

ARTH 5204 Studies in European Art Since the Renaissance	6
ARTH 5206 Art Museum Internship	6
ARTH 5207 Curatorial Placement	6
ARTH 5208 Studies in Contemporary Art	6
ARTH 5209 Studies in Australian Indigenous Art	6
ARTH 5210 Studies in British Art	6
ARTH 5211 Studies in Decorative Arts	6
ARTH 5212 Studies in Japanese Art	6
ARTH 5213 Studies in South East Asian Art	6
ARTH 5214 Studies in Modern Art	6

4.1.2 Students may present only one of the Art Museum Internship or Curatorial Project for the degree.

4.1.3 Dissertation/Research Project

All candidates shall complete either the full-time or the part-time version of the dissertation:

ARTH 5520 Research Project in Art History F/T	12
ARTH 5521A/B Research Project in Art History P/T	12

4.2 To be eligible to have the degree conferred candidates are required to provide three bound copies of the dissertation to the Faculty, after it has been passed and accepted for the degree.

4.3 Unacceptable combinations of courses

No candidate will be permitted to count towards an award any course, together with any other course, which, in the opinion of the Faculty concerned, contains a substantial amount of the same material; and no course or portion of a course may be counted twice towards an award.

4.4 Graduation

Subject to Chapter 89 of the Statutes, candidates who have satisfied the requirements for any award of the University shall be admitted to that award at a graduation ceremony for the purpose.

5 Special circumstances

When in the opinion of the relevant Faculty special circumstances exist, the Council, on the recommendation of the Faculty in each case, may vary any of the provisions of the Academic Program Rules for any particular award.

Master of Environmental Studies

Academic Program Rules

1 Duration of program

To qualify for the degree, a candidate shall satisfactorily complete a program of study comprising three semesters of full-time study or not more than three years of part-time study.

2 Admission

2.1 An applicant for admission to the program of study for the Master of Environmental Studies degree must have:

(a) qualified for a degree from the University, at an appropriate standard in the field of Environmental Studies or other appropriate field of study, or a degree of another institution accepted by the Faculty for the purpose as equivalent to a degree of the University

or

(b) completed the Graduate Diploma in Environmental Studies at Credit level or higher.

2.2 The Faculty may, subject to such conditions as it may see fit to impose in each case, accept as a candidate for the degree a person who does not satisfy the requirements of Rule 2.1 above but who has presented evidence satisfactory to the Faculty of fitness to undertake work for the degree.

2.3 Status, exemption and credit transfer

2.3.1 Except with special permission of the Faculty, no candidate will be granted status for any course which he or she has completed for another award.

2.3.2 Such status as may be awarded in exceptional circumstances will only be awarded for graduate level studies.

2.3.3 In any case, no candidate will be awarded more than 12 units of status, except for those candidates who have completed the Graduate Diploma in Environmental Studies (see Rule 2.4 below).

2.3.4 A candidate who fails a course and wishes to repeat that course shall, unless exempted partially therefrom by the Executive Dean of Faculty, again complete the required work in the course to the satisfaction of the teaching staff concerned.

2.4 Articulation with other awards

2.4.1 A candidate for the Master of Environmental Studies who does not complete the requirements for the Masters degree but satisfies the requirements for the Graduate Certificate or Graduate Diploma may be admitted to one or other of those awards as appropriate.

2.4.2 A candidate who has been admitted to the Graduate Diploma in Environmental Studies and who subsequently satisfies the requirements for the Master of Environmental Studies must surrender the Graduate Diploma before being admitted to the Master degree.

3 Assessment and examinations

3.1 There shall be four classifications of pass in any course for the Masters degree: Pass with High Distinction, Pass with Distinction, Pass with Credit and Pass.

3.2 (a) A candidate shall not be eligible to be assessed by examination or otherwise, unless the prescribed work has been completed to the satisfaction of the teaching staff concerned.

(b) For the purpose of this Rule, a candidate who is refused permission to to be assessed by examination or otherwise shall be deemed to have failed the course.

3.3 A candidate who has failed a course twice may not re-enrol in that course except by special permission of the Faculty and then only under such conditions as may be prescribed.

3.4 A candidate shall complete the coursework component of the degree with a credit average, before proceeding to the research component of the degree. A candidate who is not eligible to undertake the research component, but has satisfied the requirements for the Graduate Certificate or Graduate Diploma may be admitted to one or other of those awards as appropriate.

4 Qualification requirements

4.1 Program of study

To qualify for for the degree of Master of Environmental Studies candidates shall complete a program of study to a total of 36 units as follows:

4.1.1 Core course

ENVT 5036 Principles of Environmental Studies 6

4.1.2 Elective courses

All candidates shall complete elective courses to the value of 18 units selected from the following:

ENVT 5012 Environmental Information Systems	6
ENVT 5013 Biodiversity Conservation	6
ENVT 5018 Environmental Impact Assessment	6
ENVT 5025 Environmental Professional Internship	6
ENVT 5030 Environmental Policy	3
ENVT 5037 Special Topic in Environmental Studies	6
ENVT 5039 Sustainable Tourism Management	6
ENVT 5040 Australian Landscape Evolution	6
ENVT 5042 Environmental History	6
ENVT 5043 Environmental Communication	6
ENVT 5090 Environmental Security	6
ENVT 5061 Integrated Coastal Management	6
GEOG 5047 Resource Management in Asia and the Pacific	6
GEOG 5048 Biodiversity & Environmental Change	6
GEOG 5067 Population and the Environment	6

4.1.3 Dissertation

All candidates shall complete one of the following courses:

ENVT 5503 Environmental Research Methodology and Project F/T	12
or	
ENVT 5504A/B Environmental Research Methodology and Project P/T	12

4.2 To be eligible to have the degree conferred, candidates are required to provide three bound copies of the dissertation to the Department, after the dissertation has been passed and accepted for the degree.

4.3 Unacceptable combination of courses

No candidate will be permitted to count for the degree any course that, in the opinion of the Faculty, contains substantially the same material as any other course that he or she has already presented for another award.

4.4 Graduation

Subject to Chapter 89 of the Statutes, candidates who have satisfied the requirements for any award of the University shall be admitted to that award at a graduation ceremony for the purpose.

5 Special circumstances

When in the opinion of the relevant Faculty special circumstances exist, the Council, on the recommendation of the Faculty in each case, may vary any of the provisions of the Academic Program Rules for any particular award.

Master of International Environmental Management

This program is offered jointly with the United Nations Environment Program, and is currently available to students enrolled through the Ngee Ann – Adelaide Education Centre and Research Centre for Eco-Environmental Sciences only.

Academic Program Rules

1 Duration of program

To qualify for the degree, a candidate shall satisfactorily complete a program of study comprising three semesters of full-time study or not more than three years of part-time study.

2 Admission

2.1 An applicant for admission to the program of study for the degree of Master of International Environmental Management shall:

(a) have qualified for a degree of the University, at an appropriate standard, or a degree of another institution accepted by the Faculty for the purpose as equivalent to a degree of the University

(b) have qualified for the Graduate Diploma in International Environmental Management at credit level or higher.

2.2 The Faculty may, subject to such conditions as it may see fit to impose in each case, accept as a candidate for the degree a person who does not satisfy the requirements of Rule 2.1 above but who has presented evidence satisfactory to the Faculty of fitness to undertake work for the degree

2.3 Status, exemption and credit transfer

2.3.1 Except with special permission of the Faculty, no candidate will be granted status for any course which he or she has completed for another award.

2.3.2 Such status as may be awarded in exceptional circumstances will only be awarded for graduate level studies.

2.3.3 In any case, no candidate will be awarded more than 12 units of status, except for those candidates who have completed the Graduate Diploma in International Environmental Management (see Rule 2.4 below).

2.3.4 A candidate who fails a course and desires to repeat that course shall, unless exempted partially therefrom by the Executive Dean of the Faculty, again complete the required work in the course to the satisfaction of the teaching staff concerned.

2.4 Articulation with other awards

2.4.1 A candidate for the Master of International Environmental Management who does not complete the requirements for the Masters degree but satisfies the requirements for the Graduate Certificate or Graduate Diploma may be admitted to one or other of those awards as appropriate.

2.4.2 A candidate who has been admitted to the Graduate Diploma in International Environmental Management and who subsequently satisfies the requirements for the Master of International Environmental Management must surrender the Graduate Diploma before being admitted to the Master degree.

3 Assessment and examinations

3.1 There shall be four classifications of pass in any course for the Masters degree: Pass with High Distinction, Pass with Distinction, Pass with Credit and Pass.

3.2 (a) A candidate shall not be eligible to be assessed by examination or otherwise, unless the prescribed work has been completed to the satisfaction of the teaching staff concerned.

(b) For the purpose of this Rule, a candidate who is refused permission to to be assessed by examination or otherwise shall be deemed to have failed the course.

3.3 A candidate who has failed a course twice may not re-enrol in that course except by special permission of the Faculty and then only under such conditions as may be prescribed.

3.4 A candidate shall complete the coursework component of the degree with a credit average, before proceeding to the research component of the degree. A candidate who is not eligible to undertake the research component, but has satisfied the requirements for the Graduate Certificate or Graduate Diploma may be admitted to one or other of those awards as appropriate.

4 Qualification requirements

4.1 Academic program

To qualify for the degree, a candidate shall satisfactorily complete courses to the value of 36 units, chosen from the following:

4.1.1 Coursework

All candidates shall complete 24 units from the following:

ENVT 5001NA Environmental Audit	3
ENVT 5010NA Environmental Impact Assessment	3
ENVT 5013NA Biodiversity Conservation	3
ENVT 5014NA Environmental Management Challenge	3
ENVT 5016NA Environmental Management Systems	3
ENVT 5019NA Environmental Project Management	3
ENVT 5033NA Issues in Sustainable Development	3
ENVT 5035NA Cleaner Production	3
ENVT 5038NA Special Study in Environmental Management	3
ENVT 5060NA Environmental Futures	3
GISC 5009NA Introduction to Spatial Information Systems	3

4.1.2 Dissertation

All candidates shall complete either the full-time or the part-time version of the dissertation:

ENVT 5500NA Dissertation in Int.Environmental Management F/T	12
ENVT 5502NA A/B Dissertation in Int.Environmental Management P/T	12

4.2 Unacceptable combinations of courses

No candidate will be permitted to count towards an award any course, together with any other course, which, in the opinion of the Faculty concerned, contains a substantial amount of the same material; and no course or portion of a course may be counted twice towards an award.

4.3 Graduation

Subject to Chapter 89 of the Statutes, candidates who have satisfied the requirements for any award of the University shall be admitted to that award at a graduation ceremony for the purpose.

5 Special circumstances

When in the opinion of the relevant Faculty special circumstances exist, the Council, on the recommendation of the Faculty in each case, may vary any of the provisions of the Academic Program Rules for any particular award.

Master of Spatial Information Science

Academic Program Rules

1 Duration of program

To qualify for the degree, a candidate shall satisfactorily complete a program of study comprising three semesters of full-time study or not more than three years of part-time study.

2 Admission

2.1 An applicant for admission to the program of study for the Master of Spatial Information Science degree must have:

(a) qualified for a degree from the University at at an appropriate standard in an approved field of study, or a degree of another institution accepted by the Faculty for the purpose as equivalent to a degree of the University *or*

(b) completed the Graduate Diploma in Spatial Information Science at Credit level or higher.

2.2 The Faculty may, subject to such conditions as it may see fit to impose in each case, accept as a candidate for the degree a person who does not satisfy the requirements of Rule 2.1 above but who has presented evidence satisfactory to the Faculty of fitness to undertake work for the degree.

2.3 Status, exemption and credit transfer

2.3.1 Except with special permission of the Faculty, no candidate will be granted status for any course which he or she has completed for another award.

2.3.2 Such status as may be awarded in exceptional circumstances will only be awarded for graduate level studies.

2.3.3 In any case, no candidate will be awarded more than 12 units of status, except for those candidates who have completed the Graduate Diploma in Spatial Information Science (see Rule 2.4 below).

2.3.4 A candidate who fails a course and wishes to repeat that course shall, unless exempted partially therefrom by the Executive Dean of Faculty, again complete the required work in the course to the satisfaction of the teaching staff concerned.

2.4 Articulation with other awards

2.4.1 A candidate for the Master of Spatial Information Science who does not complete the requirements for the Masters degree but satisfies the requirements for the Graduate Certificate or Graduate Diploma may be admitted to one or other of those awards as appropriate.

2.4.2 A candidate who has been admitted to the of Graduate Diploma in Spatial Information Science and who subsequently satisfies the requirements for the Master of Spatial Information Science must surrender the Graduate Diploma before being admitted to the Master degree.

3 Assessment and examinations

3.1 There shall be four classifications of pass in any course for the Masters degree: Pass with High Distinction, Pass with Distinction, Pass with Credit and Pass.

3.2 (a) A candidate shall not be eligible to be assessed by examination or otherwise, unless the prescribed work has been completed to the satisfaction of the teaching staff concerned.

(b) For the purpose of this Rule, a candidate who is refused permission to to be assessed by examination or otherwise shall be deemed to have failed the course.

3.3 A candidate who has failed a course twice may not re-enrol in that course except by special permission of the Faculty and then only under such conditions as may be prescribed.

3.4 A candidate shall complete the coursework component of the degree with a credit average, before proceeding to the research component of the degree. A candidate who is not eligible to undertake the research component, but has satisfied the requirements for the Graduate Certificate or Graduate Diploma may be admitted to one or other of those awards as appropriate.

4 Qualification requirements

4.1 Academic program

To qualify for for the degree of Master of Spatial Information Science candidates shall complete a program of study to a total of 36 units as follows.

4.1.1 Core courses

GISC 5008 Introduction to Spatial Data Models	3
GISC 5009 Introduction to Spatial Information Systems	3
GISC 5011 Research Project SIS	6
GISC 5013 Spatial Data Modelling & Analysis	3
GISC 5014 Spatial Data Visualisation	3

4.1.2 Elective courses

6 units selected from the following

GISC 5001 Advanced Raster Analysis	3
GISC 5006 Field Sampling Techniques	3
GISC 5010 New Technologies in GIS	3
GISC 5012 Social Applications in GIS	3
GISC 5015 Special Topic in Spatial Data Models	3
GISC 5016 Special Topic in Spatial Data Modeling and Analysis	3

Alternative courses may be made available as appropriate, depending on students' previous study or employment history.

Students may also select from elective courses offered in Environmental Science and Rangeland Management. It may also be possible to substitute other electives to a total of 3 units from cognate areas with the permission of the Program Convenor.

4.1.3 Research project

All candidates shall complete either the full-time or the part-time version of the dissertation:

GISC 5501 Dissertation SIS F/T	12
GISC 5502A/B Dissertation SIS P/T	12

4.2 To be eligible to have the degree conferred, candidates are required to provide three bound copies of the dissertation to the Faculty, after it has been passed and accepted for the degree.

4.3 Unacceptable combinations of courses

No candidate will be permitted to count towards an award any course, together with any other course, which, in the opinion of the Faculty concerned, contains a substantial amount of the same material; and no course or portion of a course may be counted twice towards an award.

4.4 Graduation

Subject to Chapter 89 of the Statutes, candidates who have satisfied the requirements for any award of the University shall be admitted to that award at a graduation ceremony for the purpose.

5 Special circumstances

When in the opinion of the relevant Faculty special circumstances exist, the Council, on the recommendation of the Faculty in each case, may vary any of the provisions of the Academic Program Rules for any particular award.

Doctor of Letters

Academic Program Rules

1 (a) The Faculty of Humanities and Social Sciences may accept as a candidate for the degree of Doctor of Letters a person who has qualified for any degree in the University of Adelaide.

(b) On the recommendation of the Faculty of Humanities and Social Sciences, the Board of Research Education and Development may accept as a candidate for the degree a person who

(i) has obtained in another university or tertiary institution a qualification accepted for the purpose by the University as equivalent to a degree of the University *and*

(ii) has, or has had, a substantial association with the University.

(c) No person may be admitted to the degree of Doctor of Letters until five years after the date on which he or she obtained the qualification prescribed in (a) or (b)(i) above.

2 (a) A person who desires to become a candidate for the degree shall give notice of the intended candidature in writing to the Manager, Graduate Administration and Scholarships and provide details of his or her scholarly achievements and of the work which he or she proposes to submit for the degree.

(b) The Faculty of Humanities and Social Sciences shall examine the information submitted and decide whether or not to allow the applicant to proceed.

(c) If the Faculty accepts the candidature it shall nominate examiners, at least two of whom shall be external examiners.

3 (a) To qualify for the degree the candidate shall provide satisfactory evidence that he or she has made an original and substantial contribution of distinguished merit to the knowledge or understanding of any discipline with which the Faculty is directly concerned.

(b) The degree shall be awarded primarily on consideration of his or her published works as a candidate submitted for examination, but the examiners may take into account any unpublished original work that he or she may submit in support of his or her candidature.

(c) The candidate in submitting his or her work shall, where applicable, state generally in a preface and specifically in notes the main sources from which his or her information is derived and the extent to which he or she has availed him or herself of the work of others, especially where joint publications are concerned. He or she may also signify in general terms the portions of his or her work which he or she claims as original.

(d) The candidate shall indicate what part, if any, of his or her works has already been submitted for a degree in this or any other university.

4 The candidate shall lodge with the Adelaide Graduate Centre three copies of the works submitted for the degree, any unpublished work being prepared in accordance with the directions given in sub-paragraph (b) of clause 2B of Chapter XXV of the Statutes. If the work is accepted for the degree two of the copies will be transmitted to the University Library.

5 A candidate who complies with the conditions of the award and satisfies the examiners may, on the recommendation of the Faculty of Humanities and Social Sciences, be admitted to the degree of Doctor of Letters.

6 Notwithstanding anything contained in the preceding rules, the Faculty may recommend the award of the degree to any person who is not a member of the staff of the University. Any such recommendation must be accompanied by evidence that the person for whom the award is proposed has made an original and substantial contribution of distinguished merit to the knowledge or understanding of a discipline with which the Faculty is directly concerned, of a standard not less than that required by regulation 3.

For further information please contact the Adelaide Graduate Centre.

Regulations allowed 16 December, 1971.

Amended 15 January, 1976: 6. 21 Feb. 1991: 1(b).

Rule approved and Regulation repealed 18 March 1999.

School of Law

www.law.adelaide.edu.au

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2 Council has delegated the power to specify syllabuses to the Head of each department or centre concerned, such syllabuses to be subject to approval by the Faculty or by the Executive Dean on behalf of the Faculty.

Professional Certificate in Mediation

Academic Program Rules

1 Duration of course

To qualify for the Professional Certificate in Mediation, a candidate shall satisfactorily complete one semester of part-time study or the equivalent in intensive mode.

2 Admission

2.1 An applicant for admission to the academic program for the Professional Certificate in Mediation shall have qualified for a degree of the University or a degree of another institution accepted by the Faculty for the purpose as equivalent to a degree of the University.

2.2 The Faculty may, subject to such conditions as it may see fit to impose in each case, accept as a candidate for the Professional Certificate in Mediation a person who does not satisfy the requirements of Rule 1.1 above but who has presented evidence satisfactory to the Faculty of fitness to undertake work for the Professional Certificate.

2.3 Status, exemption and credit transfer

2.3.1 Except with special permission of the Faculty, no candidate will be granted status for any course that he or she has presented for another award.

2.3.2 Such status as may be awarded in exceptional circumstances will only be awarded for graduate level studies.

2.3.3 In any case, no candidate will be awarded more than 4 points of status.

2.3.4 A candidate who fails a course and wishes to repeat that course shall, unless exempted partially therefrom by the Executive Dean of the Faculty, again complete the required work in the course to the satisfaction of the teaching staff concerned.

3 Assessment and examinations

3.1 There shall be four classifications of pass in any subject for the Professional Certificate: Pass with High Distinction, Pass with Distinction, Pass with Credit and Pass.

3.2 A candidate who has failed a course twice may not re-enrol in that course except by special permission of the Faculty and then only under such conditions as may be prescribed.

4 Qualification requirements

To qualify for the Professional Certificate, a candidate shall satisfactorily complete subjects to the value of 6 points, as follows:

4.1 Academic program

All candidates shall complete the following courses:

LAW 5009 Alternative Dispute Resolution	4
LAW 5010 Accreditation for Mediators	2

4.2 No candidate will be permitted to count for the Professional Certificate any course that, in the opinion of the Faculty, contains substantially the same material as any other course that he or she has already presented for another award.

4.3 Graduation

Subject to Chapter 89 of the Statutes, candidates who have satisfied the requirements for any award of the University shall be admitted to that award at a graduation ceremony for the purpose.

5 Special circumstances

When in the opinion of the relevant Faculty special circumstances exist, the Council, on the recommendation of the Faculty in each case, may vary any of the provisions of the Academic Program Rules for any particular award.

Master of Comparative Laws

A Master of Comparative Laws degree is conducted jointly by the Schools of Law at the University of Adelaide and the University of Mannheim, Germany. Enrolment is available at either University. The title of the degree for students enrolled at the University of Adelaide is 'Master of Comparative Laws (Adelaide/Mannheim)' and for students enrolled at the University of Mannheim it is 'Master of Comparative Laws (Mannheim/Adelaide)'. Courses offered to students enrolled at each University will be offered cross-institutionally to students enrolled at the other University.

Admission as a candidate for the degree of Master of Comparative Laws is subject to a quota at each University. If the quota is filled at Mannheim but not at Adelaide, Mannheim students will be permitted to enrol at Adelaide on a fee paying basis. Any students so admitted will be permitted to undertake the dissertation at either University.

Note: Postgraduate tuition fees apply to this program. (Each student from Adelaide and Mannheim shall be required to pay the fees currently established at the institution where he or she is undertaking the degree. No academic fees shall be payable at the other institution.)

Academic Program Rules

1 Duration of program

1.1 Unless the School otherwise approves, a candidate may proceed to the degree by full-time study only.

1.2 Unless the School in any particular case approves an extension of time, a candidate for the degree of Master of Comparative Laws (Adelaide/Mannheim) shall complete the requirements for the degree in not less than 15 months from the date of the commencement of candidature.

2 Admission

2.1 The School may accept as a candidate for the degree of Master of Comparative Laws (Adelaide/Mannheim) any person who has qualified for:

(a) an Honours degree of Bachelor of Laws or a degree of Bachelor of Laws with Honours of the University of Adelaide

(b) a degree of Bachelor of Laws of the University of Adelaide which the School judges to have been attained at above-average standard

(c) an degree of Bachelor of Laws of the University of Adelaide and who has substantial professional experience or other relevant qualifications *or*

(d) a degree in Law of another university or tertiary institution which, in the opinion of the School is equivalent to any of the degrees contained in 2.1(a) and 2.1(b) above or which, together with any professional or other relevant experience or qualification the person may have, is sufficient to satisfy the School that the person is likely to be able satisfactorily to undertake work for the degree.

2.2 The School may in appropriate cases accept a candidate for the degree of Master of Comparative Laws who does not otherwise qualify under this Academic Program Rule but has given evidence satisfactory to the School of capacity to undertake work for the degree.

2.3 Status

A candidate for the degree of Master of Comparative Laws (Adelaide/Mannheim) may apply at any time to the School for status, and the School may grant such status as it determines on account of work previously undertaken by the candidate.

3 Assessment and examinations

3.1 There shall be four classifications of pass in any course of the Master of Comparative Laws (Adelaide/Mannheim) as follows: Pass with High Distinction, Pass with Distinction, Pass with Credit and Pass.

3.2 The School will appoint an examiner in respect of each dissertation submitted at the School.

3.3 The examiners shall report to the School and may recommend

(a) that a dissertation is satisfactory *or*

(b) that a dissertation be returned to the candidate for revision and resubmission *or*

(c) that a dissertation is not satisfactory.

4 Qualification requirements

To qualify for the degree of Master of Comparative Laws (Adelaide/Mannheim) a candidate shall:

(a) complete satisfactorily three courses as indicated in clause 4.1.3 below

(b) complete satisfactorily ten credit hours of courses designated as open for master's degree students by the School of Law at the University of Mannheim (each course containing such oral examination, written examination, written paper or combination thereof as determined by the course coordinator)

(c) write a dissertation of between 12,000-15,000 words

(d) otherwise comply with the provisions of the Academic Program Rules.

4.1 Academic program

4.1.1 Programs of study must be approved by the Dean of the School or a nominee at enrolment each year.

4.1.2 Candidature will commence on the first day of the semester in which the candidate's coursework begins.

4.1.3 The courses for the degree of Master of Comparative Laws (Adelaide/Mannheim) shall vary from year to year except that:

LAW 7024 Comparative Law and LAW 7025 Dissertation (Comparative) will be offered annually.

International students may, upon approval of the School, present one course from the Bachelor of Laws in lieu of one of the MCL courses.

4.1.4 The subject of a dissertation shall be approved and a supervisor appointed by the School at which the student is enrolled. A candidate shall lodge with the School Registrar two copies of a dissertation prepared in accordance with directions given to candidates from time to time..

4.2 No candidate will be permitted to count for the Masters any course that, in the opinion of the Faculty, contains substantially the same material as any other course that he or she has already presented for another award.

4.3 Graduation

Subject to Chapter 89 of the Statutes, candidates who have satisfied the requirements for any award of the University shall be admitted to that award at a graduation ceremony for the purpose.

5 Special circumstances

When in the opinion of the relevant Faculty special circumstances exist, the Council, on the recommendation of the Faculty in each case, may vary any of the provisions of the Academic Program Rules for any particular award.

Master of Laws

Academic Program Rules

1 General

1.1 This document must be read in conjunction with:

(a) the General Academic Program Rules for Master by Research Programs (see under Adelaide Graduate Centre, p.8) *and*

(b) the Code of Practice for Maintaining and Monitoring Academic Quality and Standards in Higher Degrees by Research, published by the Adelaide Graduate Centre.

These documents explain procedures to be followed and contain guidelines on supervision and research for the degree of Doctor of Philosophy and the various Masters Degrees by Research, offered by the University.

All students must comply with both the General Academic Rules and the rules following below, and procedures outlined in the Code of Practice.

In addition to the General Academic Program Rules for Masters by Research degrees, in this publication, the following discipline specific rules apply.

2 Admission

2.1 Further to Rule 5.1a of the General Academic Program Rules, the Board of Research Education and Development may accept as a candidate for the degree of Master of Laws any person who has qualified for an Honours degree of Bachelor of Laws or a degree of Bachelor of Laws with Honours at the University of Adelaide.

3 Submission of Thesis

In satisfying rule Rule 14.1 of the General Academic Program Rules, the candidate shall submit a thesis of not more than 70,000 words.

Doctor of Laws

Academic Program Rules

1 Subject to these Academic Program Rules the Council may, on the recommendation of the Faculty of the Professions, accept as a candidate for the degree of Doctor of Laws any person who, in the opinion of the Faculty, is a fit and proper person to be so accepted.

2 To qualify for the degree a candidate may either:

(a) submit for assessment all or some of his/her scholarly work, including work not previously published *or*

(b) present a thesis on a subject approved by the Faculty.

3 (a) A person who desires to qualify for the degree in accordance with alternative (a) of Regulation 2 shall give notice of his/her intended candidature in writing to the Manager, Graduate Administration and Scholarships, Adelaide Graduate Centre and with such notice shall furnish particulars of his/her scholarly achievements and of the work which he/she proposes to submit for the degree.

(b) The Faculty of the Professions shall examine the information submitted and shall decide whether to recommend to the Council that the applicant be accepted as a candidate.

4 (a) To qualify for the degree according to alternative (a) of Regulation 2 a candidate shall submit work which constitutes an original and substantial contribution of distinguished merit to legal knowledge or understanding.

(b) If any of the material submitted represents work carried out conjointly, the candidate shall state the extent to which he/she was responsible for such work.

(c) The candidate shall indicate what part, if any, of his/her works has already been presented for a degree in this or any other university.

5 A person who desires to qualify for the degree in accordance with alternative (b) of Regulation 2 may be accepted as a candidate if he/she:

(a) holds or has qualified for the Honours degree of Bachelor of Laws *or*

(b) holds or has qualified for the degree of Master of Laws: provided that the Faculty of the Professions may accept in lieu of the foregoing an equivalent qualification obtained in any other university recognised by the University of Adelaide *or*

(c) has passed an examination approved by the Faculty.

6 (a) To qualify for the degree according to alternative (b) of Regulation 2 a candidate shall present a thesis which:

(i) contains an original and substantial contribution of distinguished merit to legal knowledge or understanding *and*

(ii) merits publication as a book or monograph (other than as a collection of separate articles), whether or not it has been previously published in full or in part. A thesis previously presented for a degree in this or in any other University may not be submitted under this regulation.

(b) A candidate may also present in support of his/her candidature other published books, monographs, or articles. If any of these publications record work carried out conjointly, the candidate shall state the extent to which he/she was responsible for the initiation and presentation of such publications.

(c) A candidate proceeding in accordance with alternative (b) of regulation 2 and with this regulation shall not be admitted to the degree until the expiration of the fourth academic year from his/her admission to the degree by virtue of which he/she was accepted as a candidate.

7 The candidate shall lodge with the Adelaide Graduate Centre three copies of the work submitted or of the thesis presented, as the case may be, prepared in accordance with the directions given in sub-paragraph (b) of clause 2B of Chapter XXV of the Statutes. If the work is accepted for the degree the two of the copies will be transmitted to the University Library.

8 The Faculty of the Professions shall nominate examiners. Normally there will be three examiners, two of them external to the University; but exceptions may be made in special cases recommended by the Faculty and approved by the Council.

9 The examiners may, if they think fit, examine the candidate either orally or by written questions on the material presented for the degree.

10 A candidate who complies with the foregoing conditions and satisfies the examiners may, on the recommendation of the Faculty of the Professions, be admitted to the degree of Doctor of Laws.

For further information please contact the Adelaide Graduate Centre.

Regulations allowed 15 January, 1976.
Amended: 4 Feb. 1982: 3, 7.
Rule approved and Regulation repealed 18 March 1999.

Medical School

www.medicine.adelaide.edu.au

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Notes on Delegated Authority

1 Council has delegated the power to approve minor changes to the Academic Program Rules to the Executive Deans of Faculties.

2 Council has delegated the power to specify syllabuses to the Head of each department or centre concerned, such syllabuses to be subject to approval by the Faculty or by the Executive Dean on behalf of the Faculty. The Head of department or centre may approve minor changes to any previously approved syllabus.

Graduate Certificate in Grief and Palliative Care Counselling

Academic Program Rules

1 Duration of program

To qualify for the Graduate Certificate, a candidate shall satisfactorily complete two semesters of part-time study.

2 Admission

2.1 An applicant for admission to the academic program for the Graduate Certificate in Grief and Palliative Care Counselling shall have qualified for a degree of the University or a degree of another institution accepted by the Faculty of Health Sciences for the purpose as equivalent to a degree of the University.

2.2 The Faculty of Health Sciences may, subject to such conditions as it may see fit to impose in each case, accept as a candidate for the Graduate Certificate a person who does not satisfy the requirements of rule 2.1 above but who has presented evidence satisfactory to the Faculty of fitness to undertake work for the Graduate Certificate.

2.3 Status, exemption and credit transfer

2.3.1 Except with special permission of the Head of the Department of General Practice, no candidate will be granted status for the core or elective courses of the Graduate Certificate, except for those candidates who have completed antecedent courses in Grief and Palliative Care Counselling presented by the Department of General Practice, the University of Adelaide.

2.3.2 A candidate who fails a course and wishes to repeat that course shall, unless exempted partially therefrom by the Head of Department concerned, again complete the required work in the course to the satisfaction of the teaching staff concerned.

2.4 Articulation with other awards

2.4.1 Students who complete this academic program are eligible to apply for entry to the Graduate Diploma in Grief and Palliative Care Counselling and be granted status for the work they have undertaken in their Graduate Certificate.

2.4.2 Students who have conferred upon them the award of Graduate Certificate in Grief and Palliative Care Counselling who subsequently satisfy the requirements of the Graduate Diploma must surrender their Graduate Certificate before being admitted to the Graduate Diploma.

2.4.3 A candidate for the Master of Grief and Palliative Care Counselling or the Graduate Diploma in Grief and Palliative Care Counselling who does not complete the requirements for the Graduate Diploma but satisfies the requirements for the Graduate Certificate may be admitted to the Graduate Certificate.

3 Assessment and examinations

3.1 There shall be four classifications of pass in any course for the Graduate Certificate: Pass with High Distinction, Pass with Distinction, Pass with Credit and Pass.

3.2 (a) A candidate shall not be eligible to attend for examination unless the prescribed work has been completed to the satisfaction of the teaching staff concerned.

(b) For the purpose of this Rule, a candidate who is refused permission to sit for examination shall be deemed to have failed the examination.

3.3 A candidate who has failed a course twice may not re-enrol in that course except by special permission of the Faculty and then only under such conditions as may be prescribed.

4 Qualification requirements

4.1 Academic program

To qualify for the Graduate Certificate, a candidate shall satisfactorily complete courses to the value of 12 units, as follows:

4.1.1 Core courses

GEN PRAC 7101HO Bereavement	2
GEN PRAC 7104HO Supervised Field Education	2
GEN PRAC 7105HO Grief Counselling I	2
GEN PRAC 7106HO Grief Counselling II	2
GEN PRAC 7107HO Grief Counselling III	2

4.1.2 Elective courses

All candidates shall complete an elective course to the value of 2 units selected from the following elective courses:

GEN PRAC 7102HO Loss and Grief	2
GEN PRAC 7103HO Issues in Death and Dying	2

4.2 Candidates who wish to enrol in a course for which they do not have the necessary preliminary knowledge or approved qualifications, may be required to undertake such

bridging studies prior to the commencement of the course as may be deemed appropriate by the Head of the Department of General Practice.

4.3 Unacceptable combinations of courses

No candidate will be permitted to count towards an award any course, together with any other course, which, in the opinion of the Faculty concerned, contains a substantial amount of the same material; and no course or portion of a course may be counted twice towards an award.

4.4 Graduation

Subject to Chapter 89 of the Statutes, candidates who have satisfied the requirements for any award of the University shall be admitted to that award at a graduation ceremony for the purpose.

5 Special circumstances

When in the opinion of the relevant Faculty special circumstances exist, the Council, on the recommendation of the Faculty in each case, may vary any of the provisions of the Academic Program Rules for any particular award.

Graduate Certificate in Human Anatomy

Academic Program Rules

1 Duration of program

To qualify for the Graduate Certificate, a candidate shall satisfactorily complete one year of part-time study.

2 Admission

2.1 An applicant for admission to the program of study for the Graduate Certificate in Human Anatomy shall have qualified for a degree of the University or a degree of another institution accepted by the Faculty for the purpose as equivalent to a degree of the University.

2.2 The Faculty may, subject to such conditions (if any) as it may see fit to impose in each case, accept as a candidate for the Graduate Certificate a person who does not satisfy the requirements of Rule 1.1 above but who has presented evidence satisfactory to the Faculty of fitness to undertake work for the Graduate Certificate.

2.3 Status, exemption and credit transfer

2.3.1 A candidate normally would not be granted status for any course which he or she has completed for another award.

2.3.2 A candidate who fails a course and desires to repeat that course shall, unless exempted partially therefrom by the Head of Department concerned, again complete the required work in the course to the satisfaction of the teaching staff concerned.

3 Assessment and examination

3.1 There shall be four classifications of pass in any course for the Graduate Certificate: Pass with High Distinction, Pass with Distinction, Pass with Credit and Pass.

3.2 (a) A candidate shall not be eligible to attend for examination unless the prescribed work has been completed to the satisfaction of the teaching staff concerned.

(b) For the purpose of this Rule, a candidate who is refused permission to sit for examination shall be deemed to have failed the examination.

4 Qualification requirements

4.1 Academic program

To qualify for the Graduate Certificate, a candidate shall satisfactorily complete the following course:

Anat Sc 5000A/B Human Anatomy
Graduate Certificate 12

4.2 Unacceptable combinations of courses

No candidate will be permitted to count towards an award any course, together with any other course, which, in the opinion of the Faculty concerned, contains a substantial amount of the same material; and no course or portion of a course may be counted twice towards an award.

4.3 Graduation

Subject to Chapter 89 of the Statutes, candidates who have satisfied the requirements for any award of the University shall be admitted to that award at a graduation ceremony for the purpose.

5 Special circumstances

When in the opinion of the relevant Faculty special circumstances exist, the Council, on the recommendation of the Faculty in each case, may vary any of the provisions of the Academic Program Rules for any particular award.

Graduate Certificate in Nursing Science

Academic Program Rules

1 General

There shall be a Graduate Certificate in Nursing Science which is offered in the following specialisations:

1.1 Apheresis Nursing

1.2 Evidence Based Practice

1.3 Hyperbaric Nursing

1.4 Infection Control

1.5 Retrieval Nursing

1.6 Stomal Therapy

1.7 Trauma

2 Duration of program

To qualify for the Graduate Certificate an applicant shall satisfactorily complete a program of study comprising one semester of full time study or not more that one year of part-time study.

3 Admission

3.1 An applicant for admission to the program of study for the Graduate Certificate shall:

(a) be registered, or be eligible for registration, as a nurse in South Australia *and*

(b) have qualified for a degree of Bachelor of Nursing of a university accepted for the purposes by the University *or*

(c) have at least two years experience as a registered nurse in the field of the specialisation to be undertaken

(d) satisfactorily complete an appropriate medical examination on Occupation Health and Safety grounds for the specialisation in Hyperbaric Nursing.

3.2 The Faculty may, subject to such conditions as it may see fit to impose in each case, accept as a candidate for the Graduate Certificate a person who does not satisfy the requirements of Rule 2.1 above, but who has presented evidence satisfactory to the Faculty of fitness to undertake work for the program.

3.3 Status, exemption and credit transfer

3.3.1 No candidate shall be granted status for courses with a total value of more than 6 units on account of courses presented for any other award.

3.3.2 A candidate who fails a course and desires to repeat that course shall, unless exempted partially therefrom by the Executive Dean of Faculty, again complete the required work in the course to the satisfaction of the teaching staff concerned.

4 Assessment and examinations

4.1 There shall be four classifications of pass in any course for the Graduate Certificate: Pass with High Distinction, Pass with Distinction, Pass with Credit and Pass.

4.2 A candidate who does not complete the specified work to the satisfaction of the teaching staff concerned shall be awarded a failing grade of Incomplete-Fail.

4.3 A candidate who fails a course twice may be subject to a Review of Academic progress.

5 Qualification requirements

5.1 Academic program

To qualify for the Graduate Certificate a candidate shall successfully complete a specialisation set of courses, listed below, to the value of 12 units:

Apheresis Nursing

CLIN NUR 5101HO Apheresis Nursing I	6
CLIN NUR 5102HO Apheresis Nursing II	6

Evidence Based Practice

CLIN NUR 5109HO An introduction to Evidence Based Health Care	6
CLIN NUR 5110HO Change Management and Evaluation	6

Hyperbaric Nursing

CLIN NUR 6116HO Hyperbaric Nursing I	6
CLIN NUR 5103HO Hyperbaric Nursing II	6

Infection Control

CLIN NUR 6117HO Infection Control Nursing	6
CLIN NUR 5104HO Microbiology and Epidemiology	6

Retrieval Nursing

CLIN NUR 5105HO Principles and Practices of Retrieval Nursing	6
CLIN NUR 5106HO Trauma Nursing	6

Stomal Therapy

CLIN NUR 6121HO Stomal Therapy	6
CLIN NUR 6122HO Wound Management	6

Trauma

CLIN NUR 5107HO Trauma Management I	6
CLIN NUR 5108HO Trauma Management II	6

5.2 Additional specialisation

If a candidate who qualifies for the Graduate Certificate subsequently undertakes, as a non-award student, another specialisation, the candidate may, on payment of a fee determined by the University, return the Graduate Certificate testamur and receive a new testamur listing all the specialisations completed.

5.3 Unacceptable combinations of courses

No candidate will be permitted to count towards an award any course, together with any other course, which, in the opinion of the Faculty concerned, contains a substantial amount of the same material; and no course or portion of a course may be counted twice towards an award.

5.4 Graduation

Subject to Chapter 89 of the Statutes, candidates who have satisfied the requirements for any award of the University shall be admitted to that award at a graduation ceremony for the purpose.

6 Special circumstances

When in the opinion of the relevant Faculty special circumstances exist, the Council, on the recommendation of the Faculty in each case, may vary any of the provisions of the Academic Program Rules for any particular award.

Graduate Certificate in Occupational Health and Safety Management

The Graduate Certificate is a part of joint postgraduate program studies in Occupational Health and Safety Management of the University of Adelaide and University of South Australia.

There is a Management Committee (comprising two academic representatives from each university and a student representing each program in the joint postgraduate venture) which administers the Graduate Diploma in Occupational Health & Safety Management and the Master of Occupational Health and Safety. A Coursework Coordinator, a full-time member of the academic staff, is appointed at each university by the Management Committee.

Note: the program is offered only on a part-time basis and may attract tuition fees.

Academic Program Rules

1 Duration of program

To qualify for the Graduate Certificate, a candidate shall satisfactorily complete a program of part-time study extending over at least two semesters, and except with the special permission of the Faculty, complete the program in not more than four semesters of part-time study.

2 Admission

2.1 An applicant for admission to the program of study for the Graduate Certificate in Occupational Health & Safety Management shall have qualified for a degree of the University or a degree of another institution accepted by the Faculty for the purpose as equivalent to a degree of the University, together with a minimum of two years' appropriate work experience.

2.2 The Faculty may, subject to such conditions (if any) as it may see fit to impose in each case, accept as a candidate for the Graduate Certificate a person who does not satisfy the requirements of Rule 1.1 above but who has presented evidence satisfactory to the Faculty of fitness to undertake work for the Graduate Certificate.

2.3 Status, exemption and credit transfer

2.3.1 A candidate normally would not be granted status for any course which he or she has completed for another award

2.3.2 A candidate who fails a course and desires to repeat that course shall, unless exempted partially therefrom by the Head of Department concerned, again complete the required work in the course to the satisfaction of the teaching staff concerned

2.3.3 Consideration will be given to granting status to students who have partially completed equivalent programs interstate, up to a maximum of two courses. Appropriate status (up to the year 2000) will be granted to students who have partly completed the former Graduate Diplomas at the University of South Australia and the University of Adelaide.

2.3.4 In exceptional cases, status will be granted for one course to students who have undertaken relevant study at a TAFE institution.

2.4 Articulation with other awards

2.4.1 A candidate for the Graduate Diploma in Occupational Health and Safety Management who satisfies the requirements for the Graduate Certificate but who does not complete the requirements for the Graduate Diploma, may be admitted to the Graduate Certificate.

2.4.2 Candidates wishing to progress to the Graduate Diploma in Occupational Health and Safety Management must have satisfactorily completed the four compulsory courses with a grade of at least Pass Division 1.

3 Assessment and examination

3.1 There shall be four classifications of pass in any course for the Graduate Certificate: Pass with High Distinction, Pass with Distinction, Pass with Credit and Pass. Further, a pass will be recorded in two divisions with a Pass Division I being higher than a Pass Division II.

To complete this award, at least a Pass Division II is required in each course.

3.2 (a) A candidate shall not be eligible to attend for examination unless the prescribed work has been completed to the satisfaction of the teaching staff concerned.

` (b) For the purpose of this Rule, a candidate who is refused permission to sit for examination shall be deemed to have failed the examination.

4 Qualification requirements

4.1 Academic program

To qualify for the Graduate Certificate, a candidate shall satisfactorily complete the following courses.

PUB HLTH 7105HO Diseases of Occupation*	3
PUB HLTH 7130HO Occupational Hygiene and Ergonomics G*	3
PUB HLTH 7131HO Occupational Safety & Statistics **	3
PUB HLTH 7132HO OHS Management & Law I G **	3

* Offered by the University of Adelaide

** Offered by the University of South Australia

4.2 Unacceptable combinations of courses

No candidate will be permitted to count towards an award any course, together with any other course, which, in the opinion of the Faculty concerned, contains a substantial amount of the same material; and no course or portion of a course may be counted twice towards an award.

4.3 Graduation

Subject to Chapter 89 of the Statutes, candidates who have satisfied the requirements for any award of the University shall be admitted to that award at a graduation ceremony for the purpose.

5 Special circumstances

When in the opinion of the relevant Faculty special circumstances exist, the Council, on the recommendation of the Faculty in each case, may vary any of the provisions of the Academic Program Rules for any particular award.

Graduate Certificate in Public Health

Academic Program Rules

1 Duration of program

To qualify for the Graduate Certificate, a candidate shall satisfactorily complete one semester of full-time study or the equivalent of part-time study.

2 Admission

2.1 An applicant for admission to the academic program for the Graduate Certificate in Public Health shall have qualified for a degree of the University or a degree of another institution accepted by the Faculty for the purpose as equivalent to a degree of the University.

2.2 The Faculty may, subject to such conditions as it may see fit to impose in each case, accept as a candidate for the Graduate Certificate a person who does not satisfy the requirements of Rule 2.1 above but who has presented evidence satisfactory to the Faculty of fitness to undertake work for the Graduate Certificate.

2.3 Status, exemption and credit transfer

2.3.1 Except with special permission of the Head of the Department of Public Health, no candidate will be granted status for the core course in the Graduate Certificate.

2.3.2 No candidate shall be granted status for any elective course.

2.3.3 A candidate who fails a course and wishes to repeat that course shall, unless exempted partially therefrom by the Head of Department, again complete the required work in the course to the satisfaction of the teaching staff concerned.

2.4 Articulation with other awards

2.4.1 Students who complete this academic program are eligible to apply for entry to the Graduate Diploma in Public Health, and be granted status for the work they have undertaken in the Graduate Certificate.

2.4.2 Students who have conferred upon them the award of Graduate Certificate in Public Health who subsequently satisfy the requirements of the Graduate Diploma must surrender their Graduate Certificate before being admitted to the Graduate Diploma.

2.4.3 A candidate for the Master of Public Health or the Graduate Diploma in Public Health who does not complete the requirements for the Graduate Diploma but satisfies the requirements for the Graduate Certificate may be admitted to the Graduate Certificate.

3 Assessment and examinations

3.1 There shall be four classifications of pass in any course for the Graduate Certificate: Pass with High Distinction, Pass with Distinction, Pass with Credit and Pass.

3.2 (a) A candidate shall not be eligible to attend for examination unless the prescribed work has been completed to the satisfaction of the teaching staff concerned.

(b) For the purpose of this Rule, a candidate who is refused permission to sit for examination shall be deemed to have failed the examination.

3.3 A candidate who has failed a course twice may not re-enrol in that course except by special permission of the Faculty and then only under such conditions as may be prescribed.

4 Qualification requirements

4.1 Academic program

To qualify for the Graduate Certificate, a candidate shall satisfactorily complete courses to the value of 12 units, as follows:

4.1.1 Core courses

All candidates shall complete the following course:

PUB HLTH 7100HO Foundations of Public Health	3

4.1.2 Elective courses

All candidates shall complete elective courses to the value of 9 units selected from the following:

DENT 7150HO Dental Public Health	3
PUB HLTH 7031HO Occupational Hygiene and Ergonomics	3
PUB HLTH 7101HO Introduction to Epidemiology and Biostatistics	3
PUB HLTH 7102HO Public Health Policy	3
PUB HLTH 7104HO Biostatistics	3
PUB HLTH 7105HO Diseases of Occupation	3
PUB HLTH 7106HO Epidemiological Research Methods	3
PUB HLTH 7107HO Epidemiology of Infectious Diseases	3
PUB HLTH 7108HO Ethical Issues in Public Health	3
PUB HLTH 7109HO Health Promotion	3

PUB HLTH 7111HO Industrial Toxicology	3
PUB HLTH 7113HO Introduction to Environmental and Occupational Health	3
PUB HLTH 7114HO National Short Course in Environmental Health	3
PUB HLTH 7115HO Public Health Law	3
PUB HLTH 7118HO Public Health Studies	3
PUB HLTH 7121HO Health Program Evaluation	3
PUB HLTH 7123HO Rural Public Health	3
PUB HLTH 7124HO Population Health for Clinicians A	3
PUB HLTH 7125HO Population Health for Clinicians B	3
PUB HLTH 7126HO Qualitative Research in Practice	3

Other courses offered by this or other universities which the Faculty approves for presentation in lieu of elective courses listed above up to the value of 3 units.

4.2 Candidates who wish to enrol in a course for which they do not have the necessary preliminary knowledge or approved qualifications may be required to undertake such bridging studies prior to the commencement of the course as may be deemed appropriate by the Head of the Department of Public Health.

4.3 Unacceptable combinations of courses

No candidate will be permitted to count towards an award any course, together with any other course, which, in the opinion of the Faculty concerned, contains a substantial amount of the same material; and no course or portion of a course may be counted twice towards an award.

4.4 Graduation

Subject to Chapter 89 of the Statutes, candidates who have satisfied the requirements for any award of the University shall be admitted to that award at a graduation ceremony for the purpose.

5 Special circumstances

When in the opinion of the relevant Faculty special circumstances exist, the Council, on the recommendation of the Faculty in each case, may vary any of the provisions of the Academic Program Rules for any particular award.

Graduate Diploma in Alcohol and Drug Studies

Note: This program is only offered in the external mode.

Academic Program Rules

1 Duration of program

To qualify for the Graduate Diploma a candidate shall satisfactorily complete a program of part-time study extending over at least two years.

2 Admission

2.1 An applicant for admission to the program for the Graduate Diploma in Drug and Alcohol Studies shall:

(a) have qualified for a degree of the University or for a degree of another university accepted for the purposes by the University *and*

(b) have obtained the approval of the Department of Clinical and Experimental Pharmacology.

2.2 Subject to the approval of Council, the Faculty may in special cases and subject to such conditions (if any) as it may see fit to impose in each case, accept as a candidate for the Graduate Diploma a person who does not qualify for admission to the program under (2.1) above, but who has a significant level of experience and training in the field of alcohol and drug services and who has given evidence satisfactory to the Faculty of fitness to undertake work for the Graduate Diploma.

3 Enrolment

The program is offered by distance education. Students can enrol in either January or July.

4 Assessment and examinations

4.1 There shall be four classes of pass in each course for the Graduate Diploma: pass with High Distinction, pass with Distinction, pass with Credit and Pass.

4.2 (a) A candidate who fails to pass in a course and desires to take the course again shall again attend lectures and satisfactorily do such written and practical work as the teaching staff concerned may prescribe, unless specifically exempted therefrom after written application to the Faculty for such exemption.

(b) A candidate who has twice failed the examination in any course or division of a course may not enrol for the course again except by special permission to be obtained in writing from the Faculty and then only under such conditions as may be prescribed.

(c) For the purpose of this Rule a candidate who is refused permission to sit for examination, or who, without a reason accepted by the Head of the Department of Clinical and Experimental Pharmacology as adequate, fails to attend all or part of a final examination (or supplementary examination if granted) after remaining enrolled in a course for at least 5 teaching weeks, shall be deemed to have failed the examination for the course concerned.

5 Qualification requirements

5.1 Academic program

Unless exempted therefrom by the Faculty every candidate for the Graduate Diploma in Alcohol and Drug Studies shall satisfactorily complete the following courses to the value of 24 units, in the sequence determined by the prerequisite course requirements specified in the syllabuses.

PHARM 7001 Principles of Drug Action	4
PHARM 7002 Aetiology of Drug Problems	4
PHARM 7003 Treatment Principles and Practice I	4
PHARM 7004 Treatment Principles and Practice II	4
PHARM 7005 Public Health Principles & Drug Use	4
PHARM 7006 Practicum and Project	4

5.2 No candidate will be permitted to count towards an award any course, together with any other course, which, in the opinion of the Faculty concerned, contains a substantial amount of the same material; and no course or portion of a course may be counted twice towards an award.

5.3 Graduation

Subject to Chapter 89 of the Statutes, candidates who have satisfied the requirements for any award of the University shall be admitted to that award at a graduation ceremony for the purpose.

6 Special circumstances

When in the opinion of the relevant Faculty special circumstances exist, the Council, on the recommendation of the Faculty in each case, may vary any of the provisions of the Academic Program Rules for any particular award.

Graduate Diploma in Grief and Palliative Care Counselling

Academic Program Rules

1 Duration of program

To qualify for the Graduate Diploma, a candidate shall satisfactorily complete four semesters of part-time study.

2 Admission

2.1 An applicant for admission to the program of study for the Graduate Diploma in Grief and Palliative Care Counselling shall have qualified for a degree of the University or a degree of another institution accepted by the Faculty of Health Sciences for the purpose as equivalent to a degree of the University.

2.2 The Faculty of Health Sciences may, subject to such conditions (if any) as it may see fit to impose in each case, accept as a candidate for the Graduate Diploma a person who does not satisfy the requirements of rule 2.1 above but who has presented evidence satisfactory to the Faculty of fitness to undertake work for the Graduate Diploma.

2.3 Status, exemption and credit transfer

2.3.1 Except with the special permission of the Head of the Department of General Practice, no candidate will be granted status for any of the core courses of the Graduate Diploma.

2.3.2 No candidate shall be granted status for courses with a total value of more than 12 units except for those candidates who have completed antecedent courses in Grief and Palliative Care Counselling presented by the Department of General Practice, the University of Adelaide.

2.3.3 A candidate who fails a course and desires to repeat that course shall, unless exempted partially therefrom by the Head of Department concerned, again complete the required work in the course to the satisfaction of the teaching staff concerned.

2.4 Articulation with other awards

A candidate for the Degree of Master of Grief and Palliative Care Counselling who satisfies the requirements for the Graduate Diploma but who does not complete the requirements for the Degree of Master of Grief and Palliative Care Counselling may be admitted to the Graduate Diploma.

3 Assessment and examinations

3.1 There shall be four classifications of pass in any course for the Graduate Diploma: Pass with High Distinction, Pass with Distinction, Pass with Credit and Pass.

3.2 (a) A candidate shall not be eligible to attend for examination unless the prescribed work has been completed to the satisfaction of the teaching staff concerned.

(b) For the purpose of this Rule, a candidate who is refused permission to sit for examination shall be deemed to have failed the examination.

3.3 A candidate who has failed a course twice may not re-enrol in that course except by special permission of the Faculty and then only under such conditions as may be prescribed.

4 Qualification requirements

4.1 Academic program

To qualify for the Graduate Diploma, a candidate shall satisfactorily complete courses to the value of 24 units, as follows:

4.1.1 core courses

All candidates shall complete the following courses:

GEN PRAC 7101HO Bereavement	2
GEN PRAC 7104HO Supervised Field Education	2
GEN PRAC 7105HO Grief Counselling I	2
GEN PRAC 7106HO Grief Counselling II	2
GEN PRAC 7107HO Grief Counselling III	2
GEN PRAC 7205HO Advanced Grief Counselling IA	1
GEN PRAC 7206HO Advanced Grief Counselling II	3
GEN PRAC 7207HO Advanced Grief Counselling III	3
GEN PRAC 7210HO Advanced Grief Counselling IB	1

4.1.2 elective courses

All candidates shall complete additional elective courses to the value of 4 units selected from the following courses:

GEN PRAC 7102HO Loss and Grief	2
GEN PRAC 7103HO Issues in Death and Dying	2
GEN PRAC 7201HO Grief and Spirituality	2
GEN PRAC 7202HO Grief Studies	2
GEN PRAC 7209HO Research Design and Methodology	2

Other courses offered by this University or other universities that the Faculty approves for presentation in lieu of elective courses listed above up to the value of 4 units.

4.1.3 Candidates who wish to enrol in a course for which they do not have the necessary preliminary knowledge or approved qualifications, may be required to undertake such bridging studies prior to the commencement of the course as may be deemed appropriate by the Head of the Department of General Practice.

4.2 Unacceptable combinations of courses

No candidate will be permitted to count towards an award any course, together with any other course, which, in the opinion of the Faculty concerned, contains a substantial amount of the same material; and no course or portion of a course may be counted twice towards an award.

4.3 Graduation

Subject to Chapter 89 of the Statutes, candidates who have satisfied the requirements for any award of the University shall be admitted to that award at a graduation ceremony for the purpose.

5 Special circumstances

When in the opinion of the relevant Faculty special circumstances exist, the Council, on the recommendation of the Faculty in each case, may vary any of the provisions of the Academic Program Rules for any particular award.

Syllabuses

See Master of Grief and Palliative Care Counselling for syllabus details.

Graduate Diploma in Nursing Science

Academic Program Rules

1 General

There shall be a Graduate Diploma in Nursing Science which is offered in the following specialisations:

1.1 Anaesthetic and Recovery Nursing

1.2 Burns Nursing

1.3 Cardiac Nursing

1.4 Clinical Nursing

1.5 Community Psychiatric Nursing

1.6 District Nursing

1.7 Emergency Nursing

1.8 General Practice Nursing

1.9 Gerontological Nursing

1.10 High Dependency Nursing

1.11 Intensive Care Nursing

1.12 Medical Nursing

1.13 Oncology Nursing

1.14 Orthopaedic Nursing

1.15 Perioperative Nursing

1.16 Public Health Nursing

1.17 Rural Nursing

1.18 Surgical Nursing.

2 Duration of program

To qualify for the Graduate Diploma a candidate shall satisfactorily complete a program of study comprising one year of full-time study or not more that two years of part- time study.

3 Admission

3.1 An applicant for admission to the program of study for the Graduate Diploma shall:

(a) be registered, or be eligible for registration, as a nurse in South Australia *and*

(b) have qualified for a degree of Bachelor of Nursing of a university accepted for the purposes by the University *or*

(c) have at least two years experience as a registered nurse in the field of the specialisation to be undertaken.

3.2 The Faculty may, subject to such conditions as it may see fit to impose in each case, accept as a candidate for the Graduate Diploma a person who does not satisfy the requirements of Rule 3.1 above, but who has presented

evidence satisfactory to the Faculty of fitness to undertake work for the program.

3.3 Status, exemption and credit transfer

3.3.1 No candidate, normally, will be granted status in any of the core courses.

3.3.2 No candidate shall be granted status for courses with a total value of more than 12 units on account of courses presented for any other award.

3.3.3 A candidate who fails a course and desires to repeat that course shall, unless exempted partially therefrom by the Executive Dean of Faculty, again complete the required work in the course to the satisfaction of the teaching staff concerned.

4 Assessment and Examinations

4.1 There shall be four classifications of pass in any course for the Graduate Diploma: Pass with High Distinction, Pass with Distinction, Pass with Credit and Pass.

4.2 A candidate who does not complete the specified work to the satisfaction of the teaching staff concerned shall be awarded a failing grade of Incomplete-Fail.

4.3 A candidate who fails a course twice may be subject to a Review of Academic Progress.

5 Qualification requirements

5.1 Academic program

To qualify for the Graduate Diploma a candidate shall successfully complete the following:

5.1.1 Core courses, listed below, to the value of 8 units:

CLIN NUR 6101HO Developing Advanced Practice in Health Systems I	4
CLIN NUR 6102HO Developing Advanced Practice in Health Systems II	4

5.1.2 A specialisation set of courses, listed below, to the value of 16 units:

Anaesthetic and Recovery Nursing

CLIN NUR 6104HO Nursing & Medical Science in Anaesth & Recovery I 4

CLIN NUR 6105HO Nursing & Medical Science in Anaesth & Recovery II 4

CLIN NUR 6178HO Anaesthetic & Recovery Nursing I 4

CLIN NUR 6179HO Anaesthetic & Recovery Nursing II 4

Burns Nursing

CLIN NUR 6181HO Nursing & Medical Science in Burns Nursing I 4

CLIN NUR 6182HO Nursing & Medical Science in Burns Nursing II 4

CLIN NUR 6183HO Burns Nursing I 4

CLIN NUR 6184HO Burns Nursing II 4

Cardiac Nursing

CLIN NUR 6108HO Cardiac Nursing I 4

CLIN NUR 6109HO Cardiac Nursing II 4

CLIN NUR 6110HO Nursing & Medical Science in Cardiac Nursing I 4

CLIN NUR 6111HO Nursing & Medical Science in Cardiac Nursing II 4

Clinical Nursing

CLIN NUR 6112HO Advanced Nursing Skills for Activities of Living 4

CLIN NUR 6113HO Cardiac Monitoring 4

CLIN NUR 6114HO Diabetes Education 4

CLIN NUR 6115HO Working with Grief and Loss 4

CLIN NUR 6116HO Hyperbaric Nursing I 6

CLIN NUR 6117HO Infection Control Nursing 6

CLIN NUR 6118HO Management of Incontinence 6

CLIN NUR 6119HO Mental Health Care in Acute Settings 4

CLIN NUR 6120HO Rehabilitation Nursing 6

CLIN NUR 6121HO Stomal Therapy 6

CLIN NUR 6122HO Wound Management 6

and other courses that might be approved by the Faculty

Community Psychiatric Nursing

CLIN NUR 6123HO Advances in Community Psychiatric Care 4

CLIN NUR 6124HO Community Psychiatric Nursing I 4

CLIN NUR 6125HO Community Psychiatric Nursing II 4

CLIN NUR 6126HO Reflective Practice in Primary Health Care for Mental Health 4

District Nursing

CLIN NUR 6167HO Contemporary Issues in District Nursing 4

CLIN NUR 6168HO Population Profiling in Chronic Illness 4

CLIN NUR 6169HO District Nursing A 4

CLIN NUR 6170HO District Nursing B 4

Emergency Nursing

CLIN NUR 6127HO Emergency Nursing I 4

CLIN NUR 6128HO Emergency Nursing II 4

CLIN NUR 6129HO Nursing & Medical Science in Emergency Nursing I 4

CLIN NUR 6130HO Nursing & Medical Science in Emergency Nursing II 4

General Practice Nursing

CLIN NUR 6131HO Emergency Care in General Practice 2

CLIN NUR 6132HO General Practice Nursing I 4

CLIN NUR 6133HO Health Assessment 3

CLIN NUR 6134HO Nursing and Medical Science in Primary Health Care 4

CLIN NUR 6135HO Pathology and Pharmacology in General Practice 3

Gerontological Nursing

CLIN NUR 6136HO Contemporary Issues in Aged Care 4

CLIN NUR 6137HO Functional Assessment 4

CLIN NUR 6138HO Gerontological Nursing 4

CLIN NUR 6139HO Palliative Nursing in Aged Care 4

High Dependency Nursing

CLIN NUR 6140HO High Dependency Nursing I 4

CLIN NUR 6141HO High Dependency Nursing II 4

CLIN NUR 6142HO Nursing & Medical Science in High Dependency I 4

CLIN NUR 6143HO Nursing & Medical Science in High Dependency II 4

Intensive Care Nursing

CLIN NUR 6144HO Intensive Care Nursing I 4

CLIN NUR 6145HO Intensive Care Nursing II 4

CLIN NUR 6146HO Nursing & Medical Science in Intensive Care I 4

CLIN NUR 6147HO Nursing & Medical Science in Intensive Care II 4

Medical Nursing

CLIN NUR 6148HO Medical Nursing I	4
CLIN NUR 6149HO Medical Nursing II	4
CLIN NUR 6176HO Nursing & Medical Science in Medical Nursing I	4
CLIN NUR 6177HO Nursing & Medical Science in Medical Nursing II	4

Oncology Nursing

CLIN NUR 6152HO Nursing & Medical Science in Oncology Nursing I	4
CLIN NUR 6153HO Nursing & Medical Science in Oncology Nursing II	4
CLIN NUR 6154HO Oncology Nursing I	4
CLIN NUR 6155HO Oncology Nursing II	4

Orthopaedic Nursing

CLIN NUR 6156HO Nursing and Medical Science in Orthopaedics I	4
CLIN NUR 6157HO Orthopaedic Nursing I	4
CLIN NUR 6158HO Orthopaedic Nursing II	4
CLIN NUR 6175HO Nursing & Medical Science in Orthopaedics II	4

Perioperative Nursing

CLIN NUR 6159HO Nursing & Medical Science in Perioperative Nurs I	4
CLIN NUR 6160HO Nursing & Medical Science in Perioperative Nurs II	4
CLIN NUR 6161HO Perioperative Nursing I	4
CLIN NUR 6162HO Perioperative Nursing II	4

Public Health Nursing

CLIN NUR 6163HO Contemporary Issues in Public Health Nursing	4
PUB HLTH 7100HO Foundations of Public Health	3
PUB HLTH 7101HO Introduction to Epidemiology and Biostatistics	3
PUB HLTH 7109HO Health Promotion	3

and one elective course from the following list:

PUB HLTH 7113HO Introduction to Environmental and Occupational Health	3
PUB HLTH 7115HO Public Health Law	3
PUB HLTH 7117HO Public Health Policy and Ageing	3
PUB HLTH 7118HO Public Health Studies	3

Rural Nursing

CLIN NUR 6185HO Rural Nursing I	4
CLIN NUR 6186HO Rural Nursing II	4
CLIN NUR 6187HO Rural Nursing III	4

Surgical Nursing

CLIN NUR 6164HO Nursing and Medical Science in Surgical Care II	4
CLIN NUR 6165HO Surgical Nursing 1	4
CLIN NUR 6166HO Surgical Nursing 11	4
CLIN NUR 6180HO Nursing & Medical Science in Surgical Care I	4

5.1.3 Notwithstanding the above, if a candidate has successfully completed a recognised hospital certificate and gained at least two years advanced post registration experience in the specialisation of the certificate within five years of commencing candidature, the candidate shall quality for the Graduate Diploma by successfully completing:

(a) the core courses listed in 5.1 above to the value of 8 units

(b) the four unit course CLIN NUR 6103HO Focused Reading in Clinical Nursing.

5.2 Additional specialisations

If a candidate who qualifies for the Graduate Diploma subsequently undertakes, as a non-award student, another specialisation, the candidate may, on payment of a fee determined by the University, return the Graduate Diploma testamur and receive a new testamur listing all the specialisations completed.

5.3 Unacceptable combinations of courses

No candidate will be permitted to count towards an award any course, together with any other course, which, in the opinion of the Faculty concerned, contains a substantial amount of the same material; and no course or portion of a course may be counted twice towards an award.

5.4 Graduation

Subject to Chapter 89 of the Statutes, candidates who have satisfied the requirements for any award of the University shall be admitted to that award at a graduation ceremony for the purpose.

6 Special circumstances

When in the opinion of the relevant Faculty special circumstances exist, the Council, on the recommendation of the Faculty in each case, may vary any of the provisions of the Academic Program Rules for any particular award.

Graduate Diploma in Occupational Health and Safety Management

Academic Program Rules

1 Duration of program

To qualify for the Graduate Diploma, a candidate shall satisfactorily complete one year of full-time study or no more than two years of part-time study.

2 Admission

2.1 An applicant for admission to the academic program for the Graduate Diploma in Occupational Health and Safety Management shall have qualified for a degree of the University or a degree of another institution accepted by the Faculty for the purpose as equivalent to a degree of the University.

2.2 The Faculty may, subject to such conditions as it may see fit to impose in each case, accept as a candidate for the Graduate Diploma a person who does not satisfy the requirements of Rule 2.1 above but who has presented evidence satisfactory to the Faculty of fitness to undertake work for the Graduate Diploma.

2.3 Status, exemption and credit transfer

2.3.1 Except with special permission of the Faculty, no candidate will be granted status for any course that he or she has presented for any award other than the Graduate Certificate in Occupational Health and Safety Management (see Rule 2.4 below).

2.3.2 In any case, no candidate will be awarded more than 12 units of status.

2.3.3 A candidate who fails a course and wishes to repeat that course shall, unless exempted partially therefrom by the Head of Department concerned, again complete the required work in the course to the satisfaction of the teaching staff concerned.

2.4 Articulation with other awards

2.4.1 A candidate who has been admitted to the Graduate Certificate in Occupational Health and Safety Management and who has been granted status toward the Graduate Diploma for courses presented for the Graduate Certificate must surrender the Graduate Certificate before being admitted to the Graduate Diploma.

2.4.2 A candidate for the degree of Master of Occupational Health and Safety who satisfies the requirements for the Graduate Diploma but who does not complete the requirements of the Masters degree may be admitted to the Graduate Diploma.

3 Assessment and examinations

3.1 There shall be four classifications of pass in any course for the Graduate Diploma: Pass with High Distinction, Pass with Distinction, Pass with Credit and Pass. Further a pass will be recorded in two divisions, with a Pass Division I being higher than a Pass Division II. At least a Pass Division I in each compulsory course and a Pass Division II in each elective course is required to complete this award.

3.2 (a) A candidate shall not be eligible to attend for examination unless the prescribed work has been completed to the satisfaction of the teaching staff concerned.

(b) For the purpose of this Rule, a candidate who is refused permission to sit for examination shall be deemed to have failed the examination.

3.3 A candidate who has failed a course twice may not re-enrol in that course except by special permission of the Faculty and then only under such conditions as may be prescribed.

4 Qualification requirements

4.1 Academic programs

To qualify for the Graduate Diploma, a candidate shall satisfactorily complete courses to the value of 24 units, as follows:

4.1.1 Core courses

All candidates shall complete the following core course, being the requirement for the Graduate Certificate in Occupational Health and Safety Management:

PUB HLTH 7105HO Diseases of Occupation*	3
PUB HLTH 7130HO Occupational Hygiene and Ergonomics G*	3
PUB HLTH 7131HO Occupational Safety and Statistics**	3
PUB HLTH 7132HO OHS Management and Law 1G**	3

4.1.2 Elective courses

All candidates shall complete 12 units selected from the following elective courses:

PUB HLTH 7114HO National Short Course in Environmental Health*	3
PUB HLTH 7134HO Advanced Occupational Hygiene*	3
PUB HLTH 7135HO Advanced OHS Management**	3
PUB HLTH 7136HO Occupational Safety**	3
PUB HLTH 7137HO Occupational Toxicology*	3
PUB HLTH 7138HO OHS Management and Law IIG**	3
PUB HLTH 7139HO OHS Research Methods*** (compulsory for students proceeding to Masters)	3
PUB HLTH 7140HO OHSM Dissertation ***	6
PUB HLTH 7141HO Practical Occupational Health*	3

* offered by the University of Adelaide

** offered by the University of South Australia

*** offered by either university

4.2 Unacceptable combinations of courses

No candidate will be permitted to count towards an award any course, together with any other course, which, in the opinion of the Faculty concerned, contains a substantial amount of the same material; and no course or portion of a course may be counted twice towards an award.

4.3 Graduation

Subject to Chapter 89 of the Statutes, candidates who have satisfied the requirements for any award of the University shall be admitted to that award at a graduation ceremony for the purpose.

5 Special circumstances

When in the opinion of the relevant Faculty special circumstances exist, the Council, on the recommendation of the Faculty in each case, may vary any of the provisions of the Academic Program Rules for any particular award.

Graduate Diploma in Public Health

Academic Program Rules

1 Duration of program

To qualify for the Graduate Diploma, a candidate shall satisfactorily complete one year of full-time study or the equivalent of part-time study.

2 Admission

2.1 An applicant for admission to the program of study for the Graduate Diploma in Public Health shall have qualified for a degree of the University or a degree of another institution accepted by the Faculty for the purpose as equivalent to a degree of the University.

2.2 The Faculty may, subject to such conditions (if any) as it may see fit to impose in each case, accept as a candidate for the Graduate Diploma a person who does not satisfy the requirements of Rule 2.1 above but who has presented evidence satisfactory to the Faculty of fitness to undertake work for the Graduate Diploma.

2.3 Status, exemption and credit transfer

2.3.1 Except with the special permission of the Head of the Department of Public Health, no candidate will be granted status for any of the core courses of the Graduate Diploma.

2.3.2 No candidate shall be granted status for courses with a total value of more than 12 units.

2.3.3 A candidate who fails a course and desires to repeat that course shall, unless exempted partially therefrom by the Head of Department concerned, again complete the required work in the course to the satisfaction of the teaching staff concerned.

2.4 Articulation with other awards

A candidate for the degree of Master of Public Health who satisfies the requirements for the Graduate Diploma but who does not complete the requirements of the degree may be admitted to the Graduate Diploma.

3 Assessment and examinations

3.1 There shall be four classifications of pass in any course for the Graduate Certificate: Pass with High Distinction, Pass with Distinction, Pass with Credit and Pass.

3.2 (a) A candidate shall not be eligible to attend for examination unless the prescribed work has been completed to the satisfaction of the teaching staff concerned.

(b) For the purpose of this Rule, a candidate who is refused permission to sit for examination shall be deemed to have failed the examination.

3.3 A candidate who has failed a course twice may not re-enrol in that course except by special permission of the Faculty and then only under such conditions as may be prescribed.

4 Qualification requirements

4.1 Academic program

To qualify for the Graduate Diploma, a candidate shall satisfactorily complete courses to the value of 24 units, as follows.

4.1.1 Core course

All candidates shall complete the following courses:

PUB HLTH 7100HO Foundations of Public Health	3
PUB HLTH 7101HO Introduction to Epidemiology and Biostatistics	3
PUB HLTH 7102HO1292 Public Health Policy	3

4.1.2 Elective courses

All candidates shall complete elective courses to the value of 12 units selected from the following:

DENT 7150HO Dental Public Health	3
PUB HLTH 7031HO Occupational Hygiene and Ergonomics	3
PUB HLTH 7104HO Biostatistics	3
PUB HLTH 7105HO Diseases of Occupation	3
PUB HLTH 7106HO Epidemiological Research Methods	3
PUB HLTH 7107HO Epidemiology of Infectious Diseases	3
PUB HLTH 7108HO Ethical Issues in Public Health	3
PUB HLTH 7109HO Health Promotion	3
PUB HLTH 7111HO Industrial Toxicology	3
PUB HLTH 7113HO Introduction to Environmental and Occupational Health	3
PUB HLTH 7114HO National Short Course in Environmental Health	3
PUB HLTH 7115HO Public Health Law	3
PUB HLTH 7117HO Public Health Policy and Ageing	3
PUB HLTH 7118HO Public Health Studies	3
PUB HLTH 7121HO Health Program Evaluation	3

PUB HLTH 7123HO Rural Public Health	3
PUB HLTH 7124HO Population Health for Clinicians A	3
PUB HLTH 7125HO Population Health for Clinicians B	3
PUB HLTH 7126HO Quantitative Research in Practice	3

Other courses offered by this University or other universities which the Faculty approves for presentation in lieu of elective courses listed above up to the value of 3 units.

4.2 Candidates who wish to enrol in a course for which they do not have the necessary preliminary knowledge or approved qualifications, may be required to undertake such bridging studies prior to the commencement of the course as may be deemed appropriate by the Head of the Department of Public Health.

4.3 Unacceptable combinations of courses

No candidate will be permitted to count towards an award any course, together with any other course, which, in the opinion of the Faculty concerned, contains a substantial amount of the same material; and no course or portion of a course may be counted twice towards an award.

4.4 Graduation

Subject to Chapter 89 of the Statutes, candidates who have satisfied the requirements for any award of the University shall be admitted to that award at a graduation ceremony for the purpose.

5 Special circumstances

When in the opinion of the relevant Faculty special circumstances exist, the Council, on the recommendation of the Faculty in each case, may vary any of the provisions of the Academic Program Rules for any particular award.

Syllabuses

See Master of Public Health for syllabus details.

Master of Alcohol and Drug Studies

Academic Program Rules

1 Duration of program

To qualify for the degree, a candidate shall satisfactorily complete a course of study comprising at least three semesters of full-time study or at least three years of part-time study.

2 Admission

2.1 An applicant for admission to the academic program for the degree of Master of Alcohol and Drug Studies shall:

(a) have qualified for an Honours degree of the University in an appropriate field of study, or a degree of another institution accepted by the Faculty for the purpose as equivalent to an Honours degree of the University

(b) have qualified for the Graduate Diploma in Alcohol and Drug Studies with results of at credit level or higher or

(c) have qualified for a Bachelor degree of the University of Adelaide in an appropriate field of study, or a degree of another institution accepted by the Faculty for the purpose as equivalent, plus have at least two years' approved professional work experience.

2.2 The Faculty may, subject to such conditions as it may see fit to impose in each case, accept as a candidate for the degree a person who does not satisfy the requirements of Rule 2.1 above but who has presented evidence satisfactory to the Faculty of fitness to undertake work for the degree.

2.3 Status, exemption and credit transfer

2.3.1 Except with special permission of the Faculty, no candidate will be granted status for any course that he or she has presented for any award other than the Graduate Diploma in Alcohol and Drug Studies (see Rule 2.4 below).

2.3.2 Such status as may be awarded in exceptional circumstances will only be awarded for graduate level studies.

2.3.3 In any case, no candidate will be awarded more than 12 units of status, except for those candidates who have completed the Graduate Diploma in Alcohol and Drug Studies or equivalent.

2.3.4 A candidate who fails a course and wishes to repeat that course shall, unless exempted partially therefrom by the Head of Department concerned, again complete the required work in the course to the satisfaction of the teaching staff concerned.

2.4 Articulation with other awards

2.4.1 A candidate who has been admitted to the Graduate Diploma in Alcohol and Drug Studies and who subsequently satisfies the requirements for the Master of Alcohol and Drug Studies must surrender the Graduate Diploma in Alcohol and Drug Studies before being admitted to the Master degree.

2.4.2 A candidate for the degree of Master of Alcohol and Drug Studies who does not complete the requirements of the degree, but who satisfies the requirements for the Graduate Diploma may be admitted to the Graduate Diploma in Alcohol and Drug Studies.

3 Assessment and examinations

3.1 There shall be four classifications of pass in any course for the Masters degree: Pass with High Distinction, Pass with Distinction, Pass with Credit and Pass.

3.2 (a) A candidate shall not be eligible to attend for examination unless the prescribed work has been completed to the satisfaction of the teaching staff concerned

(b) For the purpose of this Rule, a candidate who is refused permission to sit for examination shall be deemed to have failed the examination.

3.3 A candidate who has failed a course twice may not re-enrol in that course except by special permission of the Faculty and then only under such conditions as may be prescribed.

4 Qualifications requirements

4.1 Academic program

To qualify for the degree, a candidate shall satisfactorily complete courses to the value of 36 units, as follows:

4.1.1 Core course

All candidates shall complete the following core courses:

PHARM 7001 Principles of Drug Action	4
PHARM 7002 Aetiology of Drug Problems	4
PHARM 7003 Treatment Principles and Practice I	4
PHARM 7004 Treatment Principles and Practice II	4
PHARM 7005 Public Health Principles & Drug Use	4
PHARM 7006 Practicum and Project	4

4.1.2 Dissertation

All candidates shall complete either the full-time or a part-time version of the following course:

PHARM 7007 Alcohol and Drug Studies Dissertation (full-time) 12

PHARM 7008 Alcohol and Drug Studies Dissertation (part-time) 12

4.2 Some periods of residence in Adelaide may be required if academic progress is not satisfactory.

4.3 Unacceptable combinations of courses

No candidate will be permitted to count towards an award any course, together with any other course, which, in the opinion of the Faculty concerned, contains a substantial amount of the same material; and no course or portion of a course may be counted twice towards an award.

4.4 Graduation

Subject to Chapter 89 of the Statutes, candidates who have satisfied the requirements for any award of the University shall be admitted to that award at a graduation ceremony for the purpose.

5 Special circumstances

When in the opinion of the relevant Faculty special circumstances exist, the Council, on the recommendation of the Faculty in each case, may vary any of the provisions of the Academic Program Rules for any particular award.

Master of Clinical Science

Academic Program Rules

1 General

1.1 This document must be read in conjunction with:

(a) the General Academic Program Rules for Master by Research Programs (see under Adelaide Graduate Centre, p.8) *and*

(b) the Code of Practice for Maintaining and Monitoring Academic Quality and Standards in Higher Degrees by Research, published by the Adelaide Graduate Centre.

These documents explain procedures to be followed and contain guidelines on supervision and research for the degree of Doctor of Philosophy and the various Masters Degrees by Research, offered by the University.

All students must comply with both the General Academic Rules and the rules following below, and procedures outlined in the Code of Practice.

In addition to the General Academic Program Rules for Masters by Research degrees, in this publication, the following discipline specific rules apply.

2 Admission

2.1 Further to Rule 5.1a of the General Academic Program Rules, an applicant for admission to the program for the Master of Clinical Science shall:

(a) have qualified for the degrees of Bachelor of Medicine and Bachelor of Surgery of the University or degrees of another institution accepted by the Board of Research Education and Development for the purpose as equivalent *or*

(b) have qualified for a degree of Bachelor of Nursing of a university accepted for the purpose by the University *or*

(c) have qualified for the Graduate Diploma in Grief and Palliative Care Counselling with results of credit level or higher *or*

(d) have qualified for a Bachelor degree of the University of Adelaide in an appropriate field of study, or a degree of another institution accepted by the Board for the purpose as equivalent, plus have at least two years' approved professional work experience.

Master of Grief and Palliative Care Counselling

Academic Program Rules

1 Duration of program

To qualify for the degree, a candidate shall satisfactorily complete six semesters of part-time study.

2 Admission

2.1 The Faculty of Health Sciences may accept as a candidate for the degree any person who has qualified for a degree of the University of Adelaide or of another university.

2.2 Subject to the approval of the Board of Research Education and Development acting with authority wittingly devolved to it by Council the Faculty of Health Sciences may in special cases and subject to such conditions as it may see fit to impose in each case, accept as a candidate for the degree a person who does not meet the requirements specified in 2.1 above if it is satisfied that he or she is likely to be able satisfactorily to undertake work for the degree.

2.3 The Faculty of Health Sciences may require an applicant to complete such preliminary work as it may prescribe before being accepted as a candidate for the degree.

2.4 Status, exemption and credit transfer

2.4.1 Except with special permission of the Faculty, no candidate will be granted status for any course that he or she has presented for any other award (See Rule 2.5 below).

2.4.2 Such status as may be awarded in exceptional circumstances will only be awarded for graduate level studies.

2.4.3 In any case, no candidate will be awarded more than 12 units of status, except for those candidates who have completed the Graduate Diploma in Grief and Palliative Care Counselling, or antecedent courses in Grief and Palliative Care Counselling presented by the Department of General Practice, the University of Adelaide.

2.4.4 A candidate who fails a course and wishes to repeat that course shall, unless exempted partially therefrom by the Head of Department concerned, again complete the required work in the course to the satisfaction of the teaching staff concerned.

2.5 Articulation with other awards

2.5.1 A candidate for the Master of Grief and Palliative Care Counselling who does not complete the requirements for the Masters degree but satisfies the requirements for the Graduate Certificate or Graduate Diploma may be admitted to one or other of those awards as appropriate.

2.5.2 A candidate who has been admitted to the Graduate Diploma in Grief and Palliative Care Counselling or the Graduate Certificate in Grief and Palliative Care Counselling and who subsequently satisfies the requirements for the Master of Grief and Palliative Care Counselling must surrender the Graduate Diploma or Graduate Certificate respectively before being admitted to the Master degree.

3 Assessment and examinations

3.1 There shall be four classifications of pass in any course for the Masters degree: Pass with High Distinction, Pass with Distinction, Pass with Credit and Pass.

3.2 (a) A candidate shall not be eligible to attend for examination unless the prescribed work has been completed to the satisfaction of the teaching staff concerned.

(b) For the purpose of this Rule, a candidate who is refused permission to sit for examination shall be deemed to have failed the examination.

3.3 A candidate who has failed a course twice may not re-enrol in that course except by special permission of the Faculty and then only under such conditions as may be prescribed.

4 Qualification requirements

4.1 Academic program

To qualify for the degree, a candidate shall satisfactorily complete courses to the value of 36 units, as follows:

4.1.1 Core courses

All candidates shall complete the following core courses:

GEN PRAC 7101HO Bereavement	2
GEN PRAC 7104HO Supervised Field Education	2
GEN PRAC 7105HO Grief Counselling I	2
GEN PRAC 7106HO Grief Counselling II	2
GEN PRAC 7107HO Grief Counselling III	2

GEN PRAC 7205HO Advanced Grief Counselling IA	1
GEN PRAC 7206HO Advanced Grief Counselling II	3
GEN PRAC 7207HO Advanced Grief Counselling III	3
GEN PRAC 7210HO Advanced Grief Counselling IB	1

and one of

GEN PRAC 7102HO Loss and Grief	2
GEN PRAC 7103HO Issues in Death and Dying	2

4.1.2 Elective courses

All candidates shall complete an additional 4 units selected from the following elective courses:

GEN PRAC 7102HO Loss and Grief	2
GEN PRAC 7103HO Issues in Death and Dying	2
GEN PRAC 7201HO Grief and Spirituality	2
GEN PRAC 7202HO Grief Studies	2
GEN PRAC 7209HO Research Design and Methodology	2

Other courses offered by this University or other universities that the Faculty approves for presentation in lieu of elective courses listed above up to the value of 4 units.

4.1.3 Dissertation

All candidates shall complete either the full-time or the part-time version of the following course:

GEN PRAC 7304HO MGPCC Dissertation (full-time)	12
GEN PRAC 7404HO MGPCC Dissertation (part-time)	12

4.2 Unacceptable combinations of courses

No candidate will be permitted to count towards an award any course, together with any other course, which, in the opinion of the Faculty concerned, contains a substantial amount of the same material; and no course or portion of a course may be counted twice towards an award.

4.3 Graduation

Subject to Chapter 89 of the Statutes, candidates who have satisfied the requirements for any award of the University shall be admitted to that award at a graduation ceremony for the purpose.

5 Special circumstances

When in the opinion of the relevant Faculty special circumstances exist, the Council, on the recommendation of the Faculty in each case, may vary any of the provisions of the Academic Program Rules for any particular award.

Master of Medical Science

Academic Program Rules

1 General

1.1 This document must be read in conjunction with:

(a) the General Academic Program Rules for Master by Research Programs (see under Adelaide Graduate Centre, p.8) *and*

(b) the Code of Practice for Maintaining and Monitoring Academic Quality and Standards in Higher Degrees by Research, published by the Adelaide Graduate Centre.

These documents explain procedures to be followed and contain guidelines on supervision and research for the degree of Doctor of Philosophy and the various Masters Degrees by Research, offered by the University.

All students must comply with both the General Academic Rules and the rules following below, and procedures outlined in the Code of Practice.

In addition to the General Academic Program Rules for Masters by Research degrees, in this publication, the following discipline specific rules apply.

2 Admission

2.1 Further to Rule 5.1a of the General Program Rules, the Board of Research Education and Development may accept as a candidate for the degree a person who has qualified for:

(a) the degrees of Bachelor of Medicine and Bachelor of Surgery of the University of Adelaide *or*

(b) the Honours degree of Bachelor of Medical Science or Bachelor of Health Sciences or Bachelor of Science or Bachelor of Science in Dentistry of the University of Adelaide, at First or Second Class standard.

Master of Nursing Science

Academic Program Rules

1 Duration of program

To qualify for the Master of Nursing Science a candidate shall satisfactorily complete a program of full-time study extending over at least two years or a program of part-time study extending over at least four years.

2 Admission

2.1 An applicant for admission to the program for the Master of Nursing Science shall:

(a) have qualified for a Bachelor of Nursing of a university accepted for the purposes by the University or have at least two years post registration experience as a registered nurse *and*

(b) be registered, or be eligible for registration, as a nurse in South Australia

(c) have obtained the approval of the Department of Clinical Nursing.

2.2 Subject to the approval of Council, the Faculty may in special cases and subject to such conditions (if any) as it may seem fit to impose in each case, accept as a candidate for the Master of Nursing Science, a person who does not qualify for admission to the program under (2.1) above, but has given evidence satisfactory to the Faculty of fitness to undertake work for the Master of Nursing Science.

3 Assessment and examinations

3.1 There shall be four classes of pass in each course for the Master of Nursing Science: Pass with High Distinction, Pass with Distinction, Pass with Credit and Pass.

3.2 (a) A candidate who fails to pass in the course and desires to take the course again shall again attend lectures and satisfactorily do such written and practical work as the teaching staff concerned may prescribe, unless specifically exempted therefrom after written application for such exemption.

(b) A candidate who has twice failed the examination in any course or division of a course may not enrol for the course again except by special permission to be obtained in writing from the Manager, Academic Programs, and then only under such conditions as may be prescribed.

(c) For the purpose of this Rule a candidate who is refused permission to sit for examination, or who, without a reason accepted by the Head of the Department of Clinical Nursing as adequate, fails to attend all or part of a final examination (or supplementary examination if granted) after remaining enrolled for at least 9 teaching weeks that semester, shall be deemed to have failed the examination.

4 Qualification requirements

4.1 Unless exempted therefrom by the Faculty every candidate for the Master of Nursing Science shall:

(a) satisfactorily complete the Stage I requirements by qualifying for the award of the Graduate Diploma in Nursing Science or a Graduate Diploma in a nursing specialty offered by the Department of Clinical Nursing

or

satisfactorily complete a program of study to the value of 24 units, approved by the Department of Clinical Nursing, selected from a range of courses offered by the Department.

(b) satisfactorily complete the requirements of 4.1.1 and 4.1.2 below, or 4.1.1 and 4.1.3 below.

4.1.1 Core courses

All candidates shall complete the following core courses:

CLIN NUR 7001HO Empirical/Analytical Research	3
CLIN NUR 7002HO Interpretative & Critical Research	3

4.1.2 Dissertation

All candidates shall complete either:

CLIN NUR 7008AHO Research Dissertation B Part 1	6
and	
CLIN NUR 7008BHO Research Dissertation B Part 2	12
or	
CLIN NUR 7008AHO Research Dissertation B Part 1	6
and	
CLIN NUR 7009HO Research Dissertation B (Part-time) Progress	6
and	
CLIN NUR 7010HO Research Dissertation B (Part-time) Final	6

4.1.3 Dissertation and Electives

CLIN NUR 7005HO Research Dissertation	12
or	
CLIN NUR 7006HO Research Dissertation (Stage 1)	6
and	
CLIN NUR 7007HO Research Dissertation (Stage 2)	6
and	
two courses from the following:	
CLIN NUR7003HO International Issues in Nursing Service Delivery	3
CLIN NUR 7004HO The Emergence of a Theoretical Base for Nursing	3
CLIN NUR 7011HO Clinical Management	3

4.3 Unacceptable combinations of courses

No candidate will be permitted to count towards an award any course, together with any other course, which, in the opinion of the Faculty concerned, contains a substantial amount of the same material; and no course or portion of a course may be counted twice towards an award.

4.4 Graduation

Subject to Chapter 89 of the Statutes, candidates who have satisfied the requirements for any award of the University shall be admitted to that award at a graduation ceremony for the purpose.

5 Special circumstances

When in the opinion of the relevant Faculty special circumstances exist, the Council, on the recommendation of the Faculty in each case, may vary any of the provisions of the Academic Program Rules for any particular award.

Master of Occupational Health and Safety

Academic Program Rules

1 Duration of program

To qualify for the degree, a candidate shall satisfactorily complete a course of study comprising three semesters of full-time study or the equivalent of part-time study.

2 Admission

2.1 An applicant for admission to the program of study for the degree of Master of Occupational Health & Safety shall:

(a) have qualified for an Honours degree of the University in an appropriate field of study, or a degree of another institution accepted by the Faculty for the purpose as equivalent to an Honours degree of the University

(b) have qualified for the Graduate Diploma in Occupational Health and Safety Management with a minimum grade of at least Pass Division I in all courses *or*

(c) have qualified for a Bachelor degree of the University of Adelaide in an appropriate field of study, or a degree of another institution accepted by the Faculty for the purpose as equivalent, plus have at least two years' approved relevant practical experience.

2.2 The Faculty may, subject to such conditions as it may see fit to impose in each case, accept as a candidate for the degree a person who does not satisfy the requirements of Rule 2.1 above but who has presented evidence satisfactory to the Faculty of fitness to undertake work for the degree.

2.3 Status, exemption and credit transfer

2.3.1 Except with special permission of the Faculty, no candidate will be granted status for any course that he or she has presented for any award other than the Graduate Certificate or Graduate Diploma in Occupational Health and Safety Management (see Rule 2.4 below).

2.3.2 Subject to the following clause, no candidate will be awarded more than 12 units of status.

2.3.3 Candidates who have completed the Graduate Diploma in Occupational Health and Safety Management or the Graduate Diploma in Occupational Health and Safety Management formerly offered by the University of South Australia, the Graduate Diploma in Occupational Health formerly offered by this University, or an equivalent award from another institution, may be granted exemption from all courses (other than the OHS Research Thesis) if in the opinion of the Faculty their studies are equivalent to the admission requirements set out in Rule 2.1 (b).

2.3.4 A candidate who fails a course and wishes to repeat that course shall, unless exempted partially therefrom by the Head of Department concerned, again complete the required work in the course to the satisfaction of the teaching staff concerned.

2.4 Articulation with other awards

2.4.1 A candidate for the Master of Occupational Health and Safety who does not complete the requirements for the Masters degree but satisfies the requirements for the Graduate Certificate or Graduate Diploma may be admitted to one or other of those degrees as appropriate.

2.4.2 A candidate who has been admitted to the Graduate Diploma in Occupational Health and Safety Management and who subsequently satisfies the requirements for the Master of Occupational Health and Safety must surrender the Graduate Diploma before being admitted to the Master degree.

3 Assessment and examinations

3.1 There shall be four classifications of pass in any course for the Masters degree: Pass with High Distinction, Pass with Distinction, Pass with Credit and Pass. Further a pass will be recorded in two divisions, with a Pass Division I being higher than a Pass Division II. To complete this award a candidate will be required to obtain an average mark of at least Credit standard in all courses except for the Research Thesis.

3.2 (a) A candidate shall not be eligible to attend for examination unless the prescribed work has been completed to the satisfaction of the teaching staff concerned

(b) For the purpose of this Rule, a candidate who is refused permission to sit for examination shall be deemed to have failed the examination.

3.3 A candidate who has failed a course twice may not re-enrol in that course except by special permission of the Faculty and then only under such conditions as may be prescribed.

4 Qualification requirements

4.1 Academic program

To qualify for the degree, a candidate shall satisfactorily complete courses to the value of 36 units, as follows:

4.1.1 Core courses

All candidates shall complete the following core courses, being the requirement for the Master of Occupational Health and Safety Management:

PUB HLTH 7105HO Diseases of Occupation*	3
PUB HLTH 7130HO Occupational Hygiene and Ergonomics G*	3
PUB HLTH 7131HO Occupational Safety & Statistics **	3
PUB HLTH 7132HO OHS Management and Law 1G **	3

4.1.2 Elective courses

All candidates shall complete 12 units selected from the following elective courses:

PUB HLTH7014HO Occupational and Environmental Health Studies	3
PUB HLTH7114HO National Short Course in Environmental Health*	3
PUB HLTH 7133HO Advanced Ergonomics **	3
PUB HLTH 7134HO Advanced Occupational Hygiene*	3
PUB HLTH 7135HO Advanced OHS Management **	3
PUB HLTH 7136HO Occupational Safety**	3
PUB HLTH 7137HO Occupational Toxicology*	3
PUB HLTH 7138HO OHS Management and Law IIG**	3
PUB HLTH 7139HO OHS Research Methods***	3
PUB HLTH 7141HO Practical Occupational Health*	3

4.1.3 Research project

All candidates shall complete the following research course:

PUB HLTH 7142HO OHS Research Thesis ***	12

* offered by the University of Adelaide

** offered by the University of South Australia

*** offered by either university

4.2 Unacceptable combinations of courses

No candidate will be permitted to count towards an award any course, together with any other course, which, in the opinion of the Faculty concerned, contains a substantial amount of the same material; and no course or portion of a course may be counted twice towards an award.

4.3 Graduation

Subject to Chapter 89 of the Statutes, candidates who have satisfied the requirements for any award of the University shall be admitted to that award at a graduation ceremony for the purpose.

5 Special circumstances

When in the opinion of the relevant Faculty special circumstances exist, the Council, on the recommendation of the Faculty in each case, may vary any of the provisions of the Academic Program Rules for any particular award.

Master of Psychology (Clinical)

Academic Program Rules

1 Duration of program

1.1 Except with the permission of the Faculty, the courses of study and the dissertation shall be completed in not more than two years of full-time study or four years of part-time study.

1.2 A student whose work on the dissertation is interrupted for a reason acceptable to the Dean may be granted an intermission of candidature by the Head of the Psychology Department on behalf of the Faculty. If such an application is approved the maximum period specified in clause 4.1 will be adjusted accordingly by adding the length of the intermission

2 Admission

2.1 An applicant for admission to the program of study for the degree of Master of Psychology (Clinical) shall have qualified for an Honours degree of Bachelor, with Honours in Psychology, of the University of Adelaide or for an Honours degree of another institution accepted for the purpose by the University.

2.2 Subject to the approval of the Council the Faculty may, in special cases and subject to such conditions (if any) as it may see fit to impose in each case, accept as a student for the Master's degree a person who does not hold a degree of a tertiary institution but has given evidence satisfactory to the Faculty of fitness to undertake work for the Master's degree.

2.3 Status, exemption and credit transfer

2.3.1 The Faculty may grant such status for other studies undertaken in the University or other institutions in any course as it may determine up to a maximum of 8 units, provided that any such course has not been presented for another degree.

2.3.2 Except by the special permission of the Head of the Department of Psychology, no student may gain status for the course 7114A/B Research Project in Clinical/Health Psychology for other studies undertaken in the University or other institutions.

3 Assessment and examinations

3.1 There shall be one of two systems of classification of pass in individual courses for the Master's degree: either Satisfactory; or Pass with High Distinction, Pass with Distinction, Pass with Credit, and Pass.

3.2 On completion of the Research Project the student shall lodge with the Department three copies of the dissertation prepared in accordance with directions given to students from time to time. No dissertation or material presented for any other degree within this or any other institution shall be submitted.

3.3 Two examiners of the Research Project will be appointed by the Head of Department. Both examiners will normally be internal to the Department but not include the student's supervisor.

3.4 Review of academic progress

3.4.1 A student who fails a course and desires to take the course again shall again attend lectures and satisfactorily do such written and practical work as the teaching staff concerned may prescribe.

3.4.2 A student who has twice failed a course may not enrol for that course again except by special permission to be obtained in writing from the Faculty and then only under such conditions as may be prescribed.

Attendance is required for at least 80% of the sessions in any compulsory course. A student who fails this requirement will not be eligible for examination unless there are extenuating circumstances.

3.4.3 For the purposes of this clause a student who is refused permission to be assessed, by examination or otherwise, or who does not, without a reason accepted by the Head of the Department of Psychology as adequate, attend all or part of a final examination (or supplementary examination if granted) after having enrolled for at least two thirds of the normal period during which the course is taught, shall be deemed to have failed the course.

3.4.4 If in the opinion of the Head of the Psychology Department a student for the degree is not making satisfactory progress, the Faculty may, with the consent of the Council, terminate the candidature and the student shall cease to be enrolled for the degree.

4 Qualification requirements

4.1 Unless exempted therefrom by the Faculty all students will satisfactorily complete Compulsory Courses to the value of 22 units, Three eighteen-week periods (of 5 half-days per week or equivalent) of placement in different institutions or organisations offering psychological services approved by

the Head of the Department of Psychology, and a Research Dissertation.

4.2 In the normal pattern of study, students enrolled on a full-time basis will complete the courses PSYCHOL 7101A/B, PSYCHOL 7102, PSYCHOL 7103, PSYCHOL 7105, PSYCHOL 7106, PSYCHOL 7107, PSYCHOL 7108, PSYCHOL 7109 and PSYCHOL 7110, and one placement, during first year. They should also do preliminary work on their research project although they will not enrol formally until second year. During second year they will complete PSYCHOL 7104, two further placements and the research project. Students may wish to consider linking the research project to one of the placements.

4.3 Academic program

Unless exempted therefrom by the Faculty of Health Sciences, every student for the degree shall satisfactorily complete the following three components:

4.3.1 Coursework courses

All students shall complete the following compulsory courses:

PSYCHOL 7101A/B Adult Clinical Psychology Part 1 & 2	4
PSYCHOL 7102 Applied Methodology	2
PSYCHOL 7103 Child Clinical Psychology	2
PSYCHOL 7104 Clinical Neuropsychology	2
PSYCHOL 7105 Preparation for Psychological Practice II	2
PSYCHOL 7106 Health Psychology	2
PSYCHOL 7107 Preparation for Psychological Practice I	2
PSYCHOL 7108 Psychological Assessment	2
PSYCHOL 7109 Psychological and Health Aspects of Ageing	2
PSYCHOL 7110 Rehabilitation and Disability	2

4.3.2 Placements

Three placements, as follows:

PSYCHOL 7111 Placement I	4
PSYCHOL 7112 Placement II (M)	4
PSYCHOL 7113 Placement III (M)	4

4.3.3 Research project

PSYCHOL 7114 A/B Research Project in Clinical/Health Psychology	14

4.4 Unacceptable combinations of courses

No candidate will be permitted to count towards an award any course, together with any other course, which, in the opinion of the Faculty concerned, contains a substantial amount of the same material; and no course or portion of a course may be counted twice towards an award.

4.5 Graduation

Subject to Chapter 89 of the Statutes, candidates who have satisfied the requirements for any award of the University shall be admitted to that award at a graduation ceremony for the purpose.

5 Special circumstances

When in the opinion of the relevant Faculty special circumstances exist, the Council, on the recommendation of the Faculty in each case, may vary any of the provisions of the Academic Program Rules for any particular award.

Master of Psychology (Organisational and Human Factors)

Academic Program Rules

1 Duration of program

1.1 Except with the permission of the Faculty, the courses of study and the dissertation shall be completed in not more than two years of full-time study or four years of part-time study.

1.2 A student whose work in the Program is interrupted for a reason acceptable to the Head of the Department of Psychology may be granted an intermission of candidature by the Head on behalf of the Faculty. If such an application is approved the maximum period specified in clause 4.2 will be adjusted accordingly by adding the length of the intermission

2 Admission

2.1 An applicant for admission to the program of study for the degree of Master of Psychology (Organisational and Human Factors) shall have qualified for an Honours degree of Bachelor, with Honours in Psychology, of Adelaide University or for an Honours degree of another institution accepted for the purpose by the University.

2.2 Status, exemption and credit transfer:

2.2.1 The Faculty may grant such status for other studies undertaken in the University or other institutions in any course as it may determine up to a maximum of 8 units, provided that any such course has not been presented for another degree.

2.2.2 Except by the special permission of the Head of the Department of Psychology, no student may gain status for the course PSYCHOL 7225A/B Research Project in Organisational Psychology and Human Factors for other studies undertaken in the University or other institutions.

3 Assessment and examinations

3.1 There shall be one of two systems of classification of pass in individual courses for the Master's degree: either Satisfactory; or Pass with High Distinction, Pass with Distinction, Pass with Credit, and Pass.

3.2 On completion of the Research Project the student shall lodge with the Department two copies of the dissertation prepared in accordance with directions given to students from time to time. No dissertation or material presented for any other degree within this or any other institution shall be submitted.

3.3 Two examiners of the Research Project will be appointed by the Head of Department. Both examiners will normally be internal to the Department but not include the student's supervisor.

3.4 Review of academic progress

3.4.1 A student who fails a course and desires to take the course again shall again attend lectures and satisfactorily do such written and practical work as the teaching staff concerned may prescribe.

3.4.2 A student who has twice failed a course may not enrol for that course again except by special permission to be obtained in writing from the Faculty and then only under such conditions as may be prescribed. Attendance is required for at least 80% of the sessions in any compulsory course. A student who fails this requirement will not be eligible for examination unless there are extenuating circumstances.

3.4.3 For the purposes of this clause a student who is refused permission to be assessed, by examination or otherwise, or who does not, without a reason accepted by the Head of the Department of Psychology as adequate, attend all or part of a final examination after having enrolled for at least two thirds of the normal period during which the course is taught, shall be deemed to have failed the course.

3.4.4 If in the opinion of the Head of the Department of Psychology a student for the degree is not making satisfactory progress, the Faculty may, with the consent of the Council, terminate the candidature and the student shall cease to be enrolled for the degree.

4 Qualification requirements

4.1 Unless exempted therefrom by the Faculty, all students will satisfactorily complete Compulsory Courses to the value of 22 units, three 18-week periods (of 5 half-days per week or equivalent) of placement in different institutions or organisations offering psychological services approved by the Head of the Department of Psychology, and a Research Dissertation.

4.2 In the normal pattern of study, students enrolled on a full-time basis will complete the courses PSYCHOL 7201, PSYCHOL 7202, PSYCHOL 7203, PSYCHOL 7204, PSYCHOL 7206, PSYCHOL 7207, PSYCHOL 7208, PSYCHOL 7209, PSYCHOL 7210, and PSYCHOL 7211 and one placement, during first year. They should also do preliminary work on

their research project although they will not enrol formally for that project until second year. During second year they will complete PSYCHOL 7205, two further placements, and the research project. Students may wish to consider linking the research project to one of the placements.

4.3 Program of study

Unless exempted therefrom by the Faculty of Health Sciences, every student for the degree shall satisfactorily complete the following three components:

4.3.1 Coursework courses

All students shall complete the following compulsory courses:

PSYCHOL 7201 Applied Methodology and Statistics	2
PSYCHOL 7202 Applied Perceptual and Cognitive Psychology	2
PSYCHOL 7203 Consumer Psychology	2
PSYCHOL 7204 Decision Making in Applied Situations	2
PSYCHOL 7205 Environmental Psychology	2
PSYCHOL 7206 Human Factors/Ergonomics	2
PSYCHOL 7207 Human Resource Management	2
PSYCHOL 7208 Individual and Organisational Change and Development	2
PSYCHOL 7209 Organisational Behaviour and Management	2
PSYCHOL 7210 Professional and Ethical Practice	2
PSYCHOL 7211 Psychological Assessment: Recruitment and Personnel Appraisal	2

4.3.2 Placements

Three placements, as follows:

PSYCHOL 7221 Placement I	4
PSYCHOL 7222 Placement II	4
PSYCHOL 7223 Placement III	4

4.3.3 Research Project

PSYCHOL 7225A/B Research Project in Organisational Psychology and Human Factors	14

Master of Public Health

Academic Program Rules

1 Duration of program

To qualify for the degree, a candidate shall satisfactorily complete a course of study comprising three semesters of full-time study or the equivalent of part-time study.

2 Admission

2.1 The Faculty of Medicine may accept as a candidate for the degree any person who has qualified for a degree of the University of Adelaide or of another university.

2.2 Subject to the approval of the Board of Research Education and Development acting with authority wittingly devolved to it by Council the Faculty of Medicine may in special cases and subject to such conditions as it may see fit to impose in each case, accept as a candidate for the degree a person who does not meet the requirements specified in 2.1 above if it is satisfied that he or she is likely to be able satisfactorily to undertake work for the degree.

2.3 The Faculty of Medicine may require an applicant to complete such preliminary work as it may prescribe before being accepted as a candidate for the degree.

2.4 Status, exemption and credit transfer

2.4.1 Except with special permission of the Faculty, no candidate will be granted status for any course that he or she has presented for any other award (see Rule 2.5 below).

2.4.2 In any case, no candidate will be awarded more than 12 units of status, except for those candidates who have completed the Graduate Diploma in Public Health.

2.4.3 A candidate who fails a course and wishes to repeat that course shall, unless exempted partially therefrom by the Head of Department concerned, again complete the required work in the course to the satisfaction of the teaching staff concerned.

2.5 Articulation with other awards

2.5.1 A candidate for the Master of Public Health who does not complete the requirements for the Master's degree but satisfies the requirements for the Graduate Certificate or Graduate Diploma may be admitted to one or other of those awards as appropriate.

2.5.2 A candidate who has been admitted to the Graduate Diploma in Public Health or the Graduate Certificate in Public Health and who subsequently satisfies the requirements for the Master of Public Health must surrender the Graduate Diploma or Graduate Certificate respectively before being admitted to the Master degree.

3 Assessment and examination

3.1 There shall be four classifications of pass in any course for the Masters degree: Pass with High Distinction, Pass with Distinction, Pass with Credit and Pass.

3.2 (a) A candidate shall not be eligible to attend for examination unless the prescribed work has been completed to the satisfaction of the teaching staff concerned.

(b) For the purpose of this Rule, a candidate who is refused permission to sit for examination shall be deemed to have failed the examination.

3.3 A candidate who has failed a course twice may not re-enrol in that course except by special permission of the Faculty and then only under such conditions as may be prescribed.

4 Qualification requirements

4.1 Academic program

To qualify for the degree, a candidate shall satisfactorily complete courses to the value of 36 units, as follows:

4.1.1 Core courses

All candidates shall complete the following core courses:

PUB HLTH 7100HO Foundations of Public Health	3
PUB HLTH 7101HO Introduction to Epidemiology and Biostatistics	3
PUB HLTH 7102HO Public Health Policy	3

4.1.2 Elective courses

All candidates shall complete 15 units selected from the following elective courses:

DENT 7150HO Dental Public Health	3
PUB HLTH 7031HO Occupational Hygiene and Ergonomics	3
PUB HLTH 7104HO Biostatistics	3
PUB HLTH 7105HO Diseases of Occupation	3
PUB HLTH 7106HO Epidemiological Research Methods	3
PUB HLTH 7107HO Epidemiology of Infectious Diseases	3
PUB HLTH 7108HO Ethical Issues in Public Health	3

PUB HLTH 7109HO Health Promotion	3
PUB HLTH 7111HO Industrial Toxicology	3
PUB HLTH 7113HO Introduction to Environmental and Occupational Health	3
PUB HLTH 7114HO National Short Course in Environmental Health	3
PUB HLTH 7115HO Public Health Law	3
PUB HLTH 7117HO Public Health Policy and Ageing	3
PUB HLTH 7118HO Public Health Studies	3
PUB HLTH 7121HO Health Program Evaluation	3
PUB HLTH 7123HO Rural Public Health	3
PUB HLTH 7124HO Population Health for Clinicians A	3
PUB HLTH 7125HO Population Health for Clinicians B	3
PUB HLTH 7126HO Quantitative Research in Practice	3

Other courses offered by this University or other universities which the Faculty approves for presentation in lieu of elective courses listed above up to the value of 3 units.

4.1.3 Dissertation

All candidates shall complete either the full-time or the part-time version of the following course:

PUB HLTH 7119HO MPH Dissertation (full-time)	12
PUB HLTH 7120HO MPH Dissertation (part-time)	12

4.2 Unacceptable combinations of courses

No candidate will be permitted to count towards an award any course, together with any other course, which, in the opinion of the Faculty concerned, contains a substantial amount of the same material; and no course or portion of a course may be counted twice towards an award.

4.3 Graduation

Subject to Chapter 89 of the Statutes, candidates who have satisfied the requirements for any award of the University shall be admitted to that award at a graduation ceremony for the purpose.

5 Special circumstances

When in the opinion of the relevant Faculty special circumstances exist, the Council, on the recommendation of the Faculty in each case, may vary any of the provisions of the Academic Program Rules for any particular award.

Master of Surgery

Academic Program Rules

1 General

1.1 This document must be read in conjunction with:

(a) the General Academic Program Rules for Master by Research Programs (see under Adelaide Graduate Centre, p.8) *and*

(b) the Code of Practice for Maintaining and Monitoring Academic Quality and Standards in Higher Degrees by Research, published by the Adelaide Graduate Centre.

These documents explain procedures to be followed and contain guidelines on supervision and research for the degree of Doctor of Philosophy and the various Masters Degrees by Research, offered by the University.

All students must comply with both the General Academic Rules and the rules following below, and procedures outlined in the Code of Practice.

In addition to the General Academic Program Rules for Masters by Research degrees, in this publication, the following discipline specific rules apply.

2 Admission

2.1 Further to Rules 5.1 to 5.4 of the General Academic Program Rules, the following persons may be accepted as candidates for the degree of Master of Surgery:

(a) Bachelors of Surgery of the University of Adelaide

(b) Graduates in surgery of another university who hold a degree which is accepted by the Board of Research Education and Development on the recommendation of the Faculty as equivalent to the degree of Bachelor of Surgery of the University of Adelaide.

2.2 No person may be awarded the degree of Master of Surgery until three years has elapsed since the candidate was awarded the MBBS degree.

2.3 A candidate for the degree shall submit evidence satisfactory to the Faculty of having had special training in surgery including at least one year's basic surgical training, or equivalent, in a teaching hospital recognised by the Faculty for the purpose.

Master of Psychology (Clinical)/Doctor of Philosophy

Academic Program Rules*

1 Duration of program

Except with the permission of the Faculty of Health Sciences and the Board of Research Education and Development (BRED), the coursework subjects of study and the research thesis shall normally be completed in not more than four years of full-time study.

2 Admission

2.1 An applicant for admission to the program of study for the combined degrees of Master of Psychology (Clinical) and Doctor of Philosophy shall have qualified for an Honours degree of Bachelor, with Honours in Psychology of First Class Standard, at the University of Adelaide, or for an Honours degree of another institution accepted for the purpose by the University. Applications from students with other qualifications will require the approval of the Faculty of Health Sciences and BRED.

2.2 A person who holds a degree of another university may be accepted as a candidate provided that the program of study undertaken and the academic standard reached are equivalent to those required of a candidate who is a graduate of the University of Adelaide.

2.3 Status, exemption and credit transfer

The Faculty of Health Sciences may grant such status as it may determine up to a maximum of 8 units for courses undertaken at another institution, provided that any such coursework has not been presented for another degree.

2.4 Intermission of candidature

A candidate whose work is interrupted for a period of time may be granted an intermission of candidature by the Board. If such an application is approved, the period of candidature specified in Rule 3.1 will be adjusted accordingly by adding the length of the intermission.

2.5 Extension of candidature

A candidate may be granted, by the Board, only one extension of candidature of twelve months beyond the maximum period specified in Rule 3.1. If the thesis has not been submitted by the end of the extended period, the candidature will lapse.

2.6 Lapsed candidature

2.6.1 The candidature of a candidate who has not completed all the coursework and research requirements within twelve months of the approved enrolment duration, will be deemed to have lapsed.

2.6.2 A candidature which has lapsed will be resumed if the completed thesis, which has not departed from the field of study which was being pursued before the candidature lapsed, is subsequently submitted within two years from the date when the candidature lapsed to the Director, Graduate Studies. The thesis will only be accepted if the Department certifies that it is satisfactory to that Department. Any extension beyond the two years shall be determined on a case-by-case basis by the Board in consultation with the relevant Faculty/Department. Approval of the Board is required for resumption of a lapsed candidature under any other conditions. In special circumstances, the Board may approve the resumption of a lapsed candidature for one period of up to six months prior to the submission of the completed thesis.

3 Enrolment

A person shall not be enrolled as a candidate for the combined degrees unless the applicant's proposed field of study and research is acceptable to the Department responsible for the supervision of the candidate's work.

4 Assessment and examination

4.1 Each candidate shall in addition to completing coursework requirements, complete a Structured Program of research activities within the first twelve months from commencement of candidature.

4.2 Continuation of the candidate's enrolment is conditional upon the completion of the research activities to the satisfaction of the Department(s) concerned.

4.3 Such activities will be determined by the Department(s) in which the candidate is enrolled. They will include the completion and the presentation of a research proposal, and other courses or skills training deemed necessary by the Department(s) concerned.

4.4 At the completion of the Structured Program, each candidate shall submit to the BRED a research proposal in such form as the Board may prescribe.

4.5 Review of academic progress

4.5.1 A student who fails a course and desires to take this course again, shall attend the lectures and seminars and do such written and practical work as the teaching staff concerned may prescribe. No student shall be permitted to repeat a course more than once without the approval in writing of the Head of the Department concerned.

4.5.2 Attendance is required for at least 80% of the sessions in any compulsory or optional course. A student who fails to meet this requirement will be awarded the result of Incomplete Fail unless there are extenuating circumstances.

4.5.3 A formal review of a candidate's progress shall be conducted by the Department at least once a year in accordance with guidelines determined by the BRED and outlined in the Code of Practice for Maintaining and Monitoring Academic Quality and Standards in Higher Degrees. A written report of the review (on the prescribed Annual Review of Progress form) must be forwarded to the Registrar, Graduate Studies, by no later than 30 October each year. A candidate's re-enrolment in the following year is conditional upon him/her having attained satisfactory progress in the year of review.

4.5.4 If, in the opinion of the Faculty of Health Sciences and the BRED, a student for the combined degrees is not making satisfactory progress, the Faculty may, with the consent of the Council, terminate the candidature and the student shall cease to be enrolled for the degrees.

4.6 Intention to submit thesis

A candidate shall notify the Department of Psychology, in writing, approximately three months before he or she expects to submit the thesis required under Rule 15. A summary of the thesis, together with the proposed thesis title, should be submitted at the same time.

4.7 Assessment

4.7.1 There shall be one of two systems of classification of pass in individual courses for the combined degrees: either Satisfactory; or Pass with High Distinction, Pass with Distinction, Pass with Credit, and Pass.

4.7.2 On the completion of the approved program of study and research, a candidate shall submit a thesis embodying the results of that study and research, and may submit also, in support of the thesis, other relevant material. No thesis or material presented for any other degree within this or any other institution shall be so submitted. The Board shall prescribe the form in which the thesis shall be submitted and the number of copies to be submitted.

4.7.3 The thesis and any other material submitted shall be assessed by examiners external to the University.

4.8 Appointment of thesis examiners

4.8.1 Candidates shall have the right to submit objections to the appointment of potential examiners of their thesis. Any such objections should be submitted to the Department of Psychology, at the same time as the notification of intention to submit required under Rule 14.

4.8.2 The BRED shall appoint two thesis examiners who are external to the University, taking account of any objections raised under Rule 16.1 and the recommendations of the Head of the relevant Department.

4.8.3 The examiners shall be requested to report in such form as the Board will determine and to recommend one of the alternatives listed in Rule 18.

4.8.4 After consideration of the reports of the examiners, the Board may appoint a third external examiner and/or an external arbitrator.

4.9 The thesis

4.9.1 The thesis shall:

(a) display original and critical thought

(b) be a significant contribution to knowledge

(c) relate the topic of research to the broader framework of the discipline within which it falls *and*

(d) be clearly, accurately and cogently written and be suitably illustrated and documented.

4.10 Examination results

4.10.1 After consideration of the reports of the examiners and such other information as it thinks fit, the Board shall determine that:

(a) the candidate be awarded the degrees *or*

(b) the candidate be awarded the degrees but that minor amendments be made to the thesis *or*

(c) the candidate be awarded the degrees subject to (i) specified amendments being made to the thesis or (ii) satisfactory performance in an oral or written examination *or*

(d) the candidate be not awarded the degrees but be permitted to re-submit the thesis for examination in a revised form *or*

(e) the candidate be awarded the appropriate degree of Master *or*

(f) the candidate be awarded the appropriate degree of Master upon making suitable amendments to the thesis *or*

(g) the candidate be not awarded the degree of Doctor of Philosophy or the degree of Master.

5 Qualification requirements

5.1 Unless exempted therefrom by the Faculty, all students will satisfactorily complete compulsory courses to the value of 12 units, elective courses to the value of 8 units, three 18-week periods (of 5 half-days per week or equivalent) of supervised placement (12 units) in institutions or organisations offering clinical psychological services approved by the Head of the Department of Psychology, and a research project (64 units).

5.2 A candidate shall pursue an approved program of study and research under the control of the University and under the general guidance of one or more supervisors appointed by the University. At least one supervisor shall be a member of the academic staff of the Department of the University in which the candidate is registered.

5.3 Academic program

Unless exempted therefrom by the Faculty of Health Sciences, every student for the combined degree shall satisfactorily complete the following four components:

5.3.1 Compulsory courses

PSYCHOL 7008 Preparation for Psychological Practice	2
PSYCHOL 7019 Clinical Child Psychology	2
PSYCHOL 7020 Applied Methodology	2
PSYCHOL 7101A/B Adult Clinical Psychology	4
PSYCHOL 7108 Psychological Assessment	2

5.3.2 Elective courses

Four courses from the following:

PSYCHOL 7003 Psychological and Health Aspects of Ageing	2
PSYCHOL 7004 Rehabilitation and Disability	2
PSYCHOL 7005 Health Psychology	2
PSYCHOL 7012 Clinical Neuropsychology	2
PSYCHOL 7015 Preparation for Psychological Practice II	2

5.3.3 Placements

All placements are compulsory:

PSYCHOL 7111 Placement I	4
PSYCHOL 7112 Placement II	4
PSYCHOL 7113 Placement III	4

5.3.4 Research thesis

PSYCHOL 7002A/B Research Project in Clinical Psychology	64

5.4 Absence from the University

Except for remote candidates, the Board, on the recommendation of the Department concerned, may permit a candidate to pursue, away from the University, work connected with the research for the degrees. Such permission may only be granted when the candidate has completed or deemed to have completed the Structured Program.

5.5 Completion of thesis outside the University

A candidate who has completed all the coursework required for the combined degrees and whose research progress is sufficiently well advanced to permit the satisfactory completion of the thesis outside the University, may be granted permission by the BRED to complete the writing-up of the thesis outside the University. If such an application is approved, the candidate will be allowed either twelve months or until the end of any extension of candidature, which has been granted under Rule 11, whichever is the lesser, to submit the thesis. If the thesis has not been submitted by the end of the writing-up period, the candidature will lapse.

5.6 Graduation

Subject to Chapter 89 of the Statutes, candidates who have satisfied the requirements for any award of the University shall be admitted to that award at a graduation ceremony for the purpose.

6 Thesis

6.1 Deposit of thesis in the library

Such number of copies of a thesis and any other material on which the degree is awarded shall be deposited in the Barr Smith Library or elsewhere in the University as determined by the Board. Unless otherwise determined by the Board, the copies shall be available for loan and photocopy.

6.2 Loan or photocopy of thesis

A candidate who does not wish to allow the thesis to be lent or photo-copied when it is deposited in the Library under Rule 19 shall make written application to the Registrar, Graduate Studies, at the same time as he or she notifies his or her intention to submit under Rule 14. The withholding of such permission and the period of time involved shall be determined by the Board.

* Please note that these rules are currently under review.

Doctor of Medicine

Academic Program Rules

1 The following persons may be accepted as candidates for the degree of Doctor of Medicine:

(a) Bachelors of Medicine of the University of Adelaide

(b) Graduates in medicine of another university, but who have had a substantial association with the University of Adelaide, and who hold a degree which is accepted by the School of Medicine as equivalent to the degree of Bachelor of Medicine of the University of Adelaide.

1.1 Under normal circumstances, one would not expect this award to be given to an applicant with less than eight-years of highly productive and original research in the field of medicine. However, the Doctor of Medicine may be awarded, in exceptional cases, for shorter periods of outstanding work.

2 A candidate may only proceed to the award by the submission of previously published work.

2.1 A person who desires to become a candidate for the award shall give notice of the intended candidature, in writing, to the Adelaide Graduate Centre and, with such notice, shall furnish particulars of his/her medical achievements and of the work to be submitted for the award. No work presented for the award may include material which has been accepted for any other degree or qualification of any university or institution.

2.2 The School of Medicine shall appoint a committee to assess the information provided and to advise on whether the School should:

(a) allow the applicant to proceed, and approve the subject or subjects of the work to be submitted *or*

(b not allow the applicant to proceed.The School's decision shall be conveyed to the applicant.

2.3 If the School approves the subject or subjects of the work, and the candidate proceeds with the submission, the School shall nominate three external examiners, all of whom will be eminent in the field of the submitted work; all of whom will still be active in research and experienced in the supervision and examination of work at this level.

3 To qualify for the award, the candidate shall furnish satisfactory evidence that he/she has made an original and substantial contribution to medical knowledge.

3.1 The Doctor of Medicine shall be awarded primarily on a consideration of such published works as a candidate may submit for examination.

3.2 The candidate in submitting published works shall state generally in a preface, and more specifically in notes, the main sources from which the information is derived and the extent to which the candidate has made use of the work of others, especially where joint publications are concerned. The candidate may also signify in general terms the portions of the work claimed as original.

3.3 The outcome of the examination shall be either 'award the MD' or 'not award the MD'

4 The candidate shall lodge with Adelaide Graduate Centre three copies of the work prepared in accordance with the directions given in the Specifications for Thesis, the University of Adelaide's *Calendar 2004, Handbook of Postgraduate Programs*.

5 Graduation

Subject to Chapter 89 of the Statutes, candidates who have satisfied the requirements for any award of the University shall be admitted to that award at a graduation ceremony for the purpose.

Doctor of Nursing

Academic Program Rules

1 Duration of program

1.1 Except in circumstances approved by the Board, the work for the degree shall be completed and the doctoral portfolio submitted:

(a) in the case of a full-time candidate, in three years from the date of commencement of candidature

(b) in the case of a part-time candidate, not less than four years and not more than six years from the date of commencement of candidature.

2 Admission

2.1 An applicant for admission to the program for the degree of Doctor of Nursing shall:

(a) have qualified for a degree of Master of Nursing Science of the University or a degree of another institution accepted by the Board of Research Education and Development as equivalent to a degree of Master of Nursing Science of the University and have at least seven years' experience in a nursing institution, or in nursing education, in nursing services delivery, or a combination of such experience *or*

(b) have qualified for an Honours degree of a university in the field of Nursing accepted by the Board of Research Education and Development for the purpose as equivalent to a University of Adelaide Honours degree of at least a second class division A standard and have at least seven years' experience in a nursing institution, or in nursing education, in nursing services delivery, or a combination of such experience.

2.2 The Board may accept as a candidate a graduate who does not qualify under clauses 1.1(a) or (b) but has completed to its satisfaction the requirements of at least one year of full-time postgraduate study or research and has passed a qualifying examination of Honours standard prescribed by the Board.

2.3 In exceptional circumstances the Board may, subject to such conditions (if any) as it may see fit to impose in each case, accept as a candidate for the degree a person who does not satisfy the requirements of clause 1.1 or 1.2 above but who has presented evidence satisfactory to the Board of fitness to undertake work for the degree.

2.4 Status and exemption

2.4.1 There will be no credit or variation of the requirements for the degree on account of an applicant having undertaken studies and research towards another degree of the University or another university.

2.4.2 A candidate who fails a course and desires to repeat that course shall, unless exempted partially therefrom by the Head of Department of Clinical Nursing, again complete all the required work in the course to the satisfaction of the teaching staff concerned.

2.5 Acceptance

2.5.1 A person shall not be enrolled as a candidate for the degree unless:

(a) the applicant's proposed field of study and research is acceptable to the Board of Research Education and Development in consultation with the Department of Clinical Nursing *and*

(b) the Department of Clinical Nursing can provide appropriate supervisors and other resources to support the candidature at this University or a collaborating university.

The collaborating universities for the purpose of this degree are the University of Sydney, the University of Tasmania and the Victorian University of Wellington (N.Z.).

2.6 Extensions and Intermissions

2.6.1 The Board may grant a candidate one extension of candidature of twelve months beyond the maximum period specified in rule 3.1, but if the doctoral portfolio has not been submitted by the end of that period, the candidature will lapse.

2.6.2 A candidate whose work is interrupted for a period of time may be granted an intermission of candidature by the Board.
If an intermission is approved the duration of the candidature specified in rule 3.1 will be adjusted accordingly.

2.7 Resumption of lapsed candidature

2.7.1 A candidature which has lapsed will be resumed, for examination purposes only, if a final draft of the doctoral portfolio which has not departed from the field of study which was being pursued before the candidature lapsed is subsequently submitted within two years from the date of expiry of candidature to the Department of Clinical Nursing

and is satisfactory to that Department. Any extension beyond two years shall be determined on a case-by-case basis by the Board in consultation with the Department of Clinical Nursing.

3 Enrolment

Annual Review

A formal review of a candidate's progress shall be conducted by the Department of Clinical Nursing at least once a year, in accordance with Board of Research Education and Development guidelines. A candidate's re-enrolment in the following year is conditional upon his/her having attained satisfactory progress in the year except where the Board is satisfied that special circumstances beyond the candidate's control affected the progress.

If a candidate's progress is unsatisfactory, the Board may terminate the candidature, in accordance with the guidelines outlined in the Code of Practice for Maintaining and Monitoring Academic Quality and Standards in Higher Degrees.

4 Assessment and examinations

4.1 Assessment for coursework

4.1.1 There shall be four classifications of pass in any course for the Degree: Pass with High Distinction, Pass with Distinction, Pass with Credit and Pass.

4.1.2 (a) A candidate shall not be eligible to attend for examination unless the prescribed work has been completed to the satisfaction of the teaching staff concerned.

(b) For the purpose of this clause, a candidate who is refused permission to sit for examination shall be deemed to have failed the examination.

4.1.3 A candidate who has failed a course twice may not re-enrol in that course except by special permission of the Board and then only under such conditions as may be prescribed.

4.2 Assessment and examinations of doctoral portfolio

4.2.1 On the completion of the approved program of study and research, a candidate shall submit a doctoral portfolio embodying the results of that study and research and may submit also, in support of the doctoral portfolio, other relevant material. No work or material presented for any other degree within this or any other institution shall be so submitted except where it is specifically relevant and identified and approved by the Board of Research Education and Development. The Board shall prescribe the form in which the doctoral portfolio shall be submitted and the number of copies to be submitted.

4.2.2 The doctoral portfolio shall:

(a) display original and critical thought

(b) be a significant contribution to knowledge and the profession of nursing

(c) relate the topic of research to the broader framework of the discipline within which it falls *and*

(d) be clearly, accurately and cogently written and be suitably illustrated and documented.

4.2.3 A candidate shall notify Adelaide Graduate Centre, in writing, approximately three months before he or she expects to submit the doctoral portfolio. A summary of the doctoral portfolio, together with the proposed doctoral portfolio title, shall be submitted at the same time.

4.2.4 (a) A candidate shall have the right to submit objections to the appointment of potential examiners. Any such objections should be submitted to Adelaide Graduate Centre at the same time as the notification of intention to submit required under rule 4.2.3. Such objections shall not serve as a veto

(b) The Board shall appoint two examiners who are external to this or the collaborating university, taking account of any objections raised under (a) and the recommendations of the Head of the Department of Clinical Nursing

(c) The examiners shall be requested to report in such form as the Board prescribes and to recommend one of a number of alternative outcomes described in 4.2.5 below

(d) After consideration of the reports of the examiners, the Board may appoint a third external examiner, a new set of examiners and/or an external arbitrator, if deemed appropriate.

4.2.5 After consideration of the reports of the examiners and such other information as it thinks fit, the Board shall determine that, having completed satisfactorily all the requirements of the program the candidate:

(a) shall be awarded the degree *or*

(b) shall be awarded the degree but that minor amendments be made to the doctoral portfolio *or*

(c) shall be awarded the degree subject to specified amendments being made to the doctoral portfolio *or*

(d) shall not be awarded the degree but shall be permitted to re-submit the doctoral portfolio in a revised form *or*

(e) shall be awarded the degree of Master of Nursing Science *or*

(f) shall be awarded the degree of Master of Nursing Science upon making suitable amendments to the doctoral portfolio *or*

(g) shall not be awarded the degree of Doctor of Nursing nor the degree of Master of Nursing Science.

4.2.6 A candidate who does not wish to allow the doctoral portfolio to be lent or photo-copied when it is deposited in University libraries, after the successful completion of the examination, shall make written application to the Adelaide Graduate Centre, for an embargo to be placed on the portfolio, at the same time as he or she notifies his or her intention to submit. The granting of such permission and the period of embargo involved shall be determined by the Board of Research Education and Development.

5 Qualification requirements

5.1 Academic program

5.1.1 A candidate shall pursue a program of study and research approved by the Board of Research Education and Development in consultation with Head of the Department of Clinical Nursing.

5.1.2 Within the coursework study component, which comprises 50% of the degree, all candidates shall be required to complete core courses to the value of 24 units and field based inquiry courses to the value of 12 units.

5.2.1 Core courses

All candidates shall complete the following courses:

CLIN NUR 8001HO Contemporary Issues in Service Delivery	8
CLIN NUR 8002HO Predicting, Critiquing and Visioning in Nursing	8
CLIN NUR 8003HO Situating Scholarly Inquiry in Nursing	8

5.2.2 Field based inquiry courses

All candidates shall complete the following courses:

CLIN NUR 8004HO Field Based Inquiry in Nursing I	6
CLIN NUR 8005HO Field Based Inquiry in Nursing II	6

5.3 A candidate shall also pursue an approved program of study and research (the doctoral portfolio), which forms 50% of the degree, under the general guidance of one or more supervisors appointed by the Board in consultation with the Department. If more than one supervisor is appointed, at least one supervisor shall be a member of the academic staff of the Department of Clinical Nursing of this University, or a member of the academic staff of a collaborating university approved by the Department of Clinical Nursing.

5.4 All candidates shall complete the Core courses at this University, but the work for the Field Based Inquiry courses and/or the research for the doctoral portfolio shall be undertaken at this or a collaborating university.

5.5 The Head of the Department of Clinical Nursing may permit a candidate to spend six months in any one year of the candidature away from this or a collaborating university on work connected with the research for the degree. The total period of such absence should not exceed twelve months.

5.6 A Candidate who has completed the equivalent of two and a half years full-time working under the supervision of this or a collaborating university and who has completed the core and the Field Based Inquiry courses of the degree and whose progress is sufficiently well advanced to permit the satisfactory completion of the doctoral portfolio outside this or the collaborating university, may be granted permission by the Board to complete the writing-up of the doctoral portfolio outside this or the collaborating university. If such an application is approved the candidate will be allowed either six months or until the end of any extension of candidature which has been granted under rule 2.6, whichever is the lesser, to submit the doctoral portfolio. If the portfolio has not been submitted by the end of that period the candidature will lapse.

5.7 Graduation

Subject to Chapter 89 of the Statutes, candidates who have satisfied the requirements for any award of the University shall be admitted to that award at a graduation ceremony for the purpose.

Elder School of Music

www.arch.adelaide.edu.au

Contents

* Please note there will be no further intakes into this program.

Postgraduate awards in the Elder School of Music

Graduate Diploma in Music Performance

Master of Music

Master of Music (Performance)

Master of Music Theory

Doctor of Music

Notes on Delegated Authority

1 Council has delegated the power to approve minor changes to the Academic Program Rules to the Executive Deans of Faculties.

2 Council has delegated the power to specify syllabuses to the Head of each department or centre concerned, such syllabuses to be subject to approval by the Faculty or by the Executive Dean on behalf of the Faculty.

Graduate Diploma in Music

Note: Postgraduate tuition fees apply to this program.

Academic Program Rules

1 General

There shall be a Graduate Diploma in Music Performance.

2 Duration of program

To qualify for the Graduate Diploma a candidate shall complete a program of study extending over one year as a full-time student, or not less than two years as a part-time student.

3 Admission

3.1 The Faculty may accept as a candidate for the Graduate Diploma any person who has qualified for:

(a) a Bachelor degree of Bachelor of Music (New) of the University of Adelaide which the Faculty judges to have been attained at above-average standard

(b) the degree of the Bachelor of Arts of the University of Adelaide which has within it a major sequence in Music or its equivalent. These courses must have been attained at above-average standard *or*

(c) a degree in Music of another institution which is accepted for the purpose by the Faculty.

3.2 Subject to the approval of Council the Faculty may, in special cases and subject to such conditions (if any) as it may see fit to impose in each case, accept as a candidate for a Graduate Diploma a person who does not qualify for admission to the program under Academic Program Rule 3.1 but has given evidence satisfactory to the Faculty of fitness to undertake work for the Graduate Diploma.

3.3 Status, exemption and credit transfer

Candidates who have previously satisfactorily completed courses for the Bachelor of Music (New) or Bachelor of Arts or other award which includes substantially the same material as that in the program listed above, shall complete alternative courses in lieu of those already passed to a total value of 12 units.

4 Assessment and examination

4.1 There shall be the four classifications of Pass in courses for the Graduate Diploma: Pass with High Distinction, Pass with Distinction, Pass with Credit and Pass.

4.2 Review of academic progress

If in the opinion of the Faculty a candidate is not making satisfactory progress the Faculty may, with the consent of the Council, terminate the candidature.

5 Qualification requirements

5.1 Graduate Diploma in Music Performance

To qualify for the Graduate Diploma in Music Performance, a candidate shall satisfactorily complete the following courses:

5.1.1 Academic program

(a) one of:

PERF 6008A/B Major Recital IVA	12
PERF 6010A/B Major Recital IVC	12

and

(b) one of:

PERF 6012A/B Short Recital IV	8
ENSEMBLE 6009A/B Ensemble/Orchestral Performance IV	8

and

(c) either

PERF 6014A/B Concerto IV	4

or

one of the Musicology courses listed in Academic Program Rule 5.2 of the degree of Master of Music (Performance).

5.1.2 Students of brass instruments or bassoon may give two short (30 minute) recitals in lieu of Major Recital IVA or IVC.

5.1.3 In special cases the Dean may approve different but equivalent sets of exercises.

5.2 Unacceptable combinations of courses

No candidate will be permitted to count towards an award any course, together with any other course, which, in the opinion of the Faculty concerned, contains a substantial amount of the same material; and no course or portion of a course may be counted twice towards an award.

5.3 Graduation

Subject to Chapter 89 of the Statutes, candidates who have satisfied the requirements for any award of the University shall be admitted to that award at a graduation ceremony for the purpose.

6 Special circumstances

When in the opinion of the relevant Faculty special circumstances exist, the Council, on the recommendation of the Faculty in each case, may vary any of the provisions of the Academic Program Rules for any particular award.

Master of Music

Academic Program Rules

1 General

1.1 This document must be read in conjunction with:

(a) the General Academic Program Rules for Master by Research Programs (see under Adelaide Graduate Centre, p.8) *and*

(b) the Code of Practice for Maintaining and Monitoring Academic Quality and Standards in Higher Degrees by Research, published by the Adelaide Graduate Centre.

These documents explain procedures to be followed and contain guidelines on supervision and research for the degree of Doctor of Philosophy and the various Masters Degrees by Research, offered by the University.

All students must comply with both the General Academic Rules and the rules following below, and procedures outlined in the Code of Practice.

In addition to the General Academic Program Rules for Masters by Research degrees, in this publication, the following discipline specific rules apply.

2 Studies in Music

2.1 Every candidate in Music shall pursue a program of advanced study in Music. This may include the presentation and assessment of one of the following:

(a) a folio of compositions which may include a multi-media project *or*

(b) a thesis on a topic in Musicology, Ethnomusicology, Music Education or relevant interdisciplinary study *or*

(c) two public recitals in Music Performance.

2.2 The degree shall not be awarded on the basis of a portfolio of publications.

2.3 (a) In addition, candidates enrolled under clause 2.1 shall also present other advanced projects or seminars. Candidates enrolled under clause 2.1(a) must present two seminar papers or a major analysis; candidates enrolled under clause 2..1(b) must present two seminar papers ; candidates enrolled under clause 2..1(c) must present two seminar papers.

(b) The advanced work required under clause 2.3(a) must be completed prior to the presentation of the work specified under clause 2.1.

(c) The advanced work will not be assessed by an external examiner. Should any of this work be assessed as unsatisfactory then it may be re-presented or re-submitted.

2.4 The public recitals required under clause 2.1(c) must be presented at an interval of not more than 3 months, the duration of each to be 75 minutes, provided that for Bassoon, Brass, Oboe and Voice recitals, it shall be approximately 65 minutes.

2.5 The details of the recital programs shall be submitted to the Head of Program for approval not less than 6 months before the recitals.

2.6 Each public recital will be examined by a panel of 3 examiners (including one specialist external examiner). The candidate's performance supervisor shall not be an examiner.

2.7 A candidate completing the requirements of clauses 2.1 and 2.3 (a) shall qualify for the degree.

Master of Music (Performance)

Note: There will be no further intake into this academic program.

Academic Program Rules

1 General

There shall be a Master of Music (Performance).

2 Duration of program

To qualify for the degree a candidate shall complete a program of advanced studies in Performance extending over not less than three semesters or more than two years of full-time study. The Faculty may, in special cases, permit a candidate to complete the degree over not less than two years nor more than four years of part-time study.

3 Admission

3.1 The Faculty may accept as a candidate for the degree a person who has qualified for:

(a) the Honours degree of Bachelor of Music (Performance) of the University of Adelaide at First Class or IIA standard *or*

(b) the Graduate Diploma in Music Performance of the University of Adelaide at a standard comparable to First Class or IIA Honours *or*

(c) a degree or diploma in Music of another institution accepted for the purpose by the University.

The Faculty reserves the right to require an acceptable level of performance at audition.

3.2 In special cases the Board of Research Education and Development acting with authority wittingly devolved to it by Council on the recommendation of the Faculty and subject to such conditions (if any) as it may impose in each case, may accept as a candidate for the degree an applicant who has given other evidence satisfactory to the Faculty of their fitness to undertake studies for the degree.

4 Assessment and examination

4.1 Recital requirements

4.1.1 (a) Each candidate shall present two public recitals PERF 8087 Masters Recital A and PERF 8354 Masters Recital B) to be given at an interval of not more than 3 months, the duration of each to be approximately 75 minutes, provided that for Bassoon, Brass, Oboe and Voice recitals, it shall be approximately 65 minutes.

(b) Details of the recital programs shall be submitted to the Registrar for approval not less than six months before the first recital.

4.1.2 (a) For each candidate, a panel of at least four examiners including at least one external examiner shall be appointed by the Dean to assess the two recitals (PERF 7015 Masters Recital A and PERF 7016 Masters Recital B). The candidate's supervisor shall not be an examiner.

(b) The examiners may recommend that the recitals

(i) merit the award of the degree

(ii) do not merit the award of the degree

In the latter case, the examiners may also recommend that the candidate be permitted to re-present all or part of a recital within a specified time. Should the Dean accept the latter advice, the same examiners should, as far as practicable, assess the additional recital.

(c) Unless a panel of examiners has recommended that a candidate be permitted to re-present a recital, no candidate may be examined for the degree more than once.

4.2 Seminar requirements

(a) Each candidate shall attend three postgraduate seminars in Musicology or Ethnomusicology or Music Education or Music Theory, (see elective courses in Academic Program Rule 5.2.2) as required by the Dean, and shall submit for assessment in each of the elective courses seminar papers approximately 5000 words in length.

(b) Should any of the seminar papers be assessed as unsatisfactory, the candidate may re-present the paper or submit a paper in another seminar.

4.3 Review of academic progress

If in the opinion of the Faculty a candidate is not making satisfactory progress the Faculty may, with the consent of the Council, terminate the candidature.

5 Qualification requirements

5.1 To qualify for the degree a candidate shall:

(a) undertake an approved program of advanced study in singing, conducting or a musical instrument, under the direction of a supervisor or supervisors appointed by the Dean

(b) attend such seminars and present such papers in musicology, ethnomusicology, music education or music theory, as may be prescribed in the Academic Program Rules

(c) perform at a satisfactory standard at such public recitals as may be prescribed in the Academic Program Rules.

5.2 Academic program

Note: notwithstanding the Academic Program Rules and Syllabuses published in this volume, a number of courses listed may not be offered in 2003.

The availability of all courses is conditional upon the availability of staff and facilities.

5.2.1 Compulsory courses

PERF 7003 Recital Studies II	8
PERF 7005 Recital Studies I	8
PERF 7015 Masters Recital A	4
PERF 7016 Masters Recital B	4

provided that candidates may continue their enrolment for PERF 7015 Masters Recital A and PERF 7016 Masters Recital B for two semesters.

5.2.2 Elective courses

Courses to the value of 12 units from:

ETHNO 7000 Ethnomusicology Seminar V(C)	4
ETHNO 7004 Ethnomusicology Seminar V(A)	4
ETHNO 7017 Ethnomusicology Seminar V(B)	4
MUSICED 7077 Music Education Seminar V(B)	4
MUSICED 7081 Music Education Seminar V(A)	4
MUSICED 7089 Music Education Seminar V(C)	4
MUSICOL 7070 Musicology Seminar V(B)	4
MUSICOL 7074 Musicology Seminar V(C)	4
MUSICOL 7086 Musicology Seminar V(A)	4
MUSTH 7071 Music Theory Seminar V(A)	4
MUSTH 7083 Music Theory Seminar V(B)	4

5.3 Unacceptable combinations of courses

No candidate will be permitted to count towards an award any course, together with any other course, which, in the opinion of the Faculty concerned, contains a substantial amount of the same material; and no course or portion of a course may be counted twice towards an award.

5.4 Graduation

Subject to Chapter 89 of the Statutes, candidates who have satisfied the requirements for any award of the University shall be admitted to that award at a graduation ceremony for the purpose.

6 Special circumstances

When in the opinion of the relevant Faculty special circumstances exist, the Council, on the recommendation of the Faculty in each case, may vary any of the provisions of the Academic Program Rules for any particular award.

Notes (not forming part of the Academic Program Rules)

Pattern of study

Candidates are advised to present PERF 7005 Recital Studies I and PERF 7003 Recital Studies II and two of the elective courses in their first year of enrolment. Candidates should present PERF 7015 Masters Recital A, PERF 7016 Masters Recital B and the one remaining elective course in their final year of enrolment.

Candidates enrolled part-time may present PERF 7067A/B Recital Studies IA (Part-time) and PERF 7068A/B Recital Studies IIA (Part-time).

Doctor of Music

Academic Program Rules

1 (a) The Faculty of Humanities and Social Sciences may, on the recommendation of the Elder School of Music, accept as a candidate for the degree of Doctor of Music a person who:

(i) has qualified in the University of Adelaide for the degree of Bachelor of Music (New), or the degree of Master of Music *or*

(ii) has obtained another degree in the University of Adelaide and has satisfied the Faculty of his or her fitness to submit work for the degree of Doctor of Music.

(b) On the recommendation of the Faculty of Humanities and Social Sciences, the Board of Research Education and Development acting with authority wittingly devolved to it by Council may accept as a candidate for the degree a person who

(i) has obtained in another university or institution of higher education recognised by the University of Adelaide a qualification accepted by the Faculty as equivalent to one of the qualifications specified in (a) above *and*

(ii) has, or has had, a substantial association with the University.

(c) No person may be admitted to the degree of Doctor of Music before the expiration of five years from the date on which the qualification prescribed in (a) or (b) (i) above was obtained.

2 (a) A person who desires to become a candidate for the degree shall give notice of the intended candidature in writing to the Manager, Graduate Administration and Scholarships, Adelaide Graduate Centre and with such notice shall furnish particulars of his/her musical achievements and of the work to be submitted for the degree.

(b) The Elder School of Music shall appoint a committee to examine the information submitted and to advise the Faculty whether it should:

(i) allow the applicant to proceed, and approve the details of the work to be submitted *or*

(ii) advise the applicant not to submit his/her work; and the Faculty's decision shall be conveyed to the applicant.

(c) If the Faculty of Humanities and Social Sciences accepts the candidature and approves the details of the work to be submitted, the Elder School of Music shall nominate examiners of whom two at least shall be external to the University.

3 (a) To qualify for the degree the candidate shall furnish satisfactory evidence that he/she has made an original and substantial contribution of distinguished merit in the field of composition, performance, research or in any combination of these fields.

(b) The degree shall be awarded primarily on a consideration of such published or recorded compositions, recorded interpretations of music or published research as the candidate may submit for examination, but the examiners may take into account any unpublished material or other work submitted in support of the candidature.

(c) The candidate in submitting work for examination shall, where applicable, state generally in a preface and specifically in notes the main sources from which it is derived and the extent to which use has been made of the work of others. The candidate may also signify in general terms the portions of the work which he/she claims as original.

(d) The candidate shall indicate what part, if any, of the work submitted in support of the candidature has been accepted for the award of any other degree in this or any other university.

4 The candidate shall lodge with the Adelaide Graduate Centre three copies of the work prepared in accordance with the directions given in sub-paragraph (b) of clause 2B of Chapter XXV of the Statutes. If the work is accepted for the degree two of the copies will be transmitted to the University Library.

5 A candidate who complies with the foregoing conditions and satisfies the examiners may, on the recommendation of the Faculty Humanities and Social Sciences, be admitted to the degree of Doctor of Music.

6 Notwithstanding anything contained in the preceding rules the Faculty may recommend the award of the degree to any person who is not a member of the Staff of the University. Any such recommendation must be

accompanied by evidence that the person for whom the award is proposed has made an original and substantial contribution of distinguished merit to some branch of musical knowledge of a standard not less than that required by Regulation 3.

For further information please contact the Adelaide Graduate Centre.

Regulations allowed 17 December, 1970.

Amended: 15 Jan. 1976: 6; 4 Feb 1982: 2, 4; 24 Feb. 1983: 1, 2, 3; 21 Feb 1991: 1(b).

Rule approved and Regulation repealed 18 March 1999.

Faculty of Sciences

www.science.adelaide.edu.au

Contents

* Please note there will be no intakes into this program in 2004.

Postgraduate awards in the Faculty of Sciences

Graduate Certificate, Graduate/Postgraduate Diploma, Masters (Course work)in each of the following fields of study in Agricultural and Natural Resource Sciences:

Agricultural Biotechnology

Agricultural Business

Agronomy and Farming Systems

Animal Production

Crop Protection

Horticulture

Natural Resource Management

Plant science

Soil Management and Conservation

Spatial Information Systems

Veterinary Studies

Graduate Certificate in Oenology

Graduate Certificate in Petroleum Geology and Geophysics

Graduate Certificate in Physics

Graduate Certificate in Science Education (not offered in 2004)

Graduate Certificate in Viticulture

Graduate Certificate in Wine Business

Graduate Diploma in Oenology

Graduate Diploma in Physics

Graduate Diploma in Viticulture

Graduate Diploma in Wine Business

Master of Agricultural Science

Master of Applied Science

Master of Oenology

Master of Science in the Faculty of Science

Master of Science (Applied Physics)

Master of Science (Astrophysics)

Master of Science (Atmospheric Physics)

Master of Science (Medical Physics)

Master of Science (Optics and Lasers)

Master of Science (Reservoir Geoscience)

Master of Science (Theoretical Physics)

Master of Science in Petroleum Geology and Geophysics

Master of Viticulture

Master of Wine Business

Doctor of Science in the Faculty of Science

Notes on Delegated Authority

1 Council has delegated the power to approve minor changes to the Academic Program Rules to the Executive Deans of Faculties.

2 Council has delegated the power to specify syllabuses to the Head of each department or centre concerned, such syllabuses to be subject to approval by the Faculty or by the Executive Dean on behalf of the Faculty. The Head of department or centre may approve minor changes to any previously approved syllabus.

Graduate Certificate
Graduate Diploma
Postgraduate Diploma
Masters by Coursework
in areas of Agricultural and Natural Resource Sciences

Academic Program Rules

1 Duration of Programs

1.1 Graduate Certificate

Except with the permission of the Faculty, the program for the Graduate Certificate will normally be completed in one semester of full-time study or not more than one year of part-time study.

1.2 Graduate Diploma

Except with the permission of the Faculty, the program for the Graduate Diploma will normally be completed in one year of full-time study or not more than three years of part-time study.

1.3 Postgraduate Diploma

Except with the permission of the Faculty, the program for the Postgraduate Diploma will normally be completed in one year of full-time study or the part-time equivalent.

1.4 Masters

Except with the permission of the Faculty, the program for the Masters degree by coursework will normally be completed in eighteen months of full-time study, depending on the nature of the project activity, and over not less than two and not more than five years of part-time study.

2 Admission

2.1 An applicant for admission to the program of study for a Graduate Certificate shall have qualified for a degree of the University in an approved field of study, or a degree of another institution accepted for the purpose by the Faculty.

2.2 An applicant for admission to the program of study for a Graduate Diploma shall

(a) have qualified for a Graduate Certificate of the University in an approved field of study, or an equivalent award of another institution accepted for the purpose by the Faculty *or*

(b) have qualified for a degree or a three year diploma of the University or an equivalent award of another institution accepted for the purpose by the Faculty.

2.3 An applicant for admission to the program of study for a Postgraduate Diploma shall:

(a) have qualified for a Graduate Certificate of the University in an approved field of study or an equivalent award of another institution accepted for the purpose by the Faculty *or*

(b) have qualified for a degree or a three year diploma of the University in an approved field of study, or for an equivalent award of another institution accepted for the purpose by the Faculty.

2.4 An applicant for admission to the program of study for a masters degree by coursework shall:

(a) have qualified for the Bachelor of Agricultural Science (Honours) or the Bachelor of Agriculture (Honours) or the Bachelor of Natural Resource Management (Honours) of the University *or*

(b) have qualified for a degree or other award of the University in an approved field of study or an award of another institution accepted by the Faculty as being equivalent to the Honours degree. Such an award may be a postgraduate Diploma with a significant research component in the field of study of the proposed research *or*

(c) have qualified for a Bachelor's degree of the University in an approved field of study or an equivalent award of another institution accepted for the purpose by the Faculty, *and*

(i) have completed at a satisfactory standard (normally credit average) courses to the value of 12 units from the Graduate course pool in the same field of study *or*

(ii) have other relevant practical experience approved by the Faculty.

2.5 Applicants deemed to have a deficiency in some part of their preparation for candidature may be required to complete such other work as may be prescribed during the first year of their candidature.

2.6 Under the authority delegated to it by Council, the Faculty may, in special cases and subject to such conditions (if any) as it may see fit to impose in each case, accept as a candidate for the Graduate Certificate, Graduate Diploma, Postgraduate Diploma or Masters (by Coursework) a person who does not satisfy the requirements of 2.1, 2.2, 2.3 or 2.4 above but who has given evidence satisfactory to the Faculty of fitness to undertake work for the Graduate Certificate, Graduate Diploma, Postgraduate Diploma or Masters (by coursework).

2.7 Status, exemption and credit transfer

2.7.1 No candidate will be permitted to count for an award any course, project work, dissertation or research thesis which, in the opinion of the Faculty, contains substantially the same material as any other course, project work, dissertation or research thesis which the candidate has already presented for another qualification.

2.7.2 A candidate who desires that work completed should be counted towards the requirements of these Academic Program Rules may, on written application to the Faculty, be granted such exemption from the requirements as the Faculty shall determine.

3 Enrolment

3.1 Program approval

3.1.1 Every candidate for the Graduate Certificate or the Graduate Diploma in consultation with the Postgraduate Coursework Adviser shall prepare a program of courses and activities to be submitted for the approval of the Postgraduate Coursework Adviser.

3.1.2 Every candidate for the Postgraduate Diploma or the Masters degree by coursework in consultation with the Postgraduate Coursework Adviser shall prepare a program of coursework and project work to be submitted for the approval of the Postgraduate Coursework Adviser. The project work shall be under the direction of a supervisor or supervisors who shall normally be members of the academic staff of the University, but an external supervisor may also be appointed.

4 Assessment and examinations

4.1 There shall be four classifications of pass in each course in the Graduate Course Pool: Pass with High Distinction, Pass with Distinction, Pass with Credit, Pass.

4.2 A candidate who fails in a course and desires to take the course again shall attend lectures and satisfactorily do such written and practical work as the teaching staff concerned may prescribe, unless specifically exempted therefrom after written application to the Head of Department for such exemption.

4.3 A candidate who has twice failed in any course may not enrol for that course again except by special permission of the Faculty and then only under such conditions as may be prescribed.

4.4 A candidate shall not be eligible for examination in a course unless the prescribed work has been completed to the satisfaction of the teaching staff concerned. A candidate who is not eligible for examination shall be deemed to have failed the examination.

4.5 For the purpose of this Academic Program Rule a candidate who fails, without a reason accepted by the Executive Dean of the Faculty (or nominee), to attend all or part of a final examination (or supplementary examination if granted) after remaining enrolled for at least nine teaching weeks of that semester, shall be deemed to have failed the examination.

4.6 On completion of the work for the Postgraduate Diploma or the coursework Masters degree the candidate shall inform the Postgraduate Coursework Adviser concerned and lodge with the Postgraduate Coursework Adviser three copies of the dissertation prepared in accordance with directions given to candidates from time to time.

4.7 On the submission or re-submission of the dissertation the Faculty shall nominate examiners who shall normally be members of the academic staff of the University, but an external examiner may be appointed. The examiners may recommend that the dissertation

(a) be accepted subject to such amendments as the examiners may have suggested *or*

(b) be accepted subject to satisfactory oral examination *or*

(c) be not accepted but sent back to the candidate for revision and re-submission *or*

(d) be rejected.

The examiners of a dissertation re-submitted following recommendation (c) above may recommend only (a), (b) or (d) above.

Having considered the reports of the examiners the Faculty shall determine whether the dissertation is satisfactory.

5 Qualification requirements

5.1 To qualify for the Graduate Certificate a candidate shall present courses to the value of 12 units (which may not include AGRIC 7007RW/WT Research Proposal or a Research Project) from the Graduate Course Pool.

A candidate who has been enrolled for the coursework Masters degree, the Postgraduate Diploma or the Graduate Diploma and who as such a candidate has completed the work prescribed for a Graduate Certificate and who has not been awarded the Masters degree, the Postgraduate Diploma or the Graduate Diploma shall, on written application to the Faculty, be awarded the appropriate Graduate Certificate, subject to the student discontinuing candidature for the higher award.

5.2 To qualify for the Graduate Diploma a candidate shall present courses to the value of 24 units, no fewer than half of which are from the Graduate Course Pool and which may not include AGRIC 7007RW/WT Research Proposal or a Research Project.

A candidate holding a Graduate Certificate of the University who has counted or presented the courses in the Graduate Certificate towards the requirements of the Graduate Diploma shall surrender the Graduate Certificate before being admitted to the Graduate Diploma.

A candidate who has been enrolled for the coursework masters degree or the Postgraduate Diploma and who as such a candidate has not been awarded the masters degree or the Postgraduate Diploma shall, on written application to the Faculty, be permitted to transfer to the appropriate Graduate Diploma, subject to the student discontinuing candidature for the award of masters degree or Postgraduate Diploma.

5.3 To qualify for the Postgraduate Diploma a candidate shall present courses to the value of 24 units, including, if required, AGRIC 7007RW/WT Research Proposal, AGRONOMY 7020RW Research Methodology or BIOMET 7000WT Research Methodology and Experimentation; a minimum of six and a maximum of nine units deriving from research; and the balance from the Graduate Course Pool.

A candidate holding a Graduate Certificate of the University who has counted or presented the courses in the Graduate Certificate towards the requirements of the Postgraduate Diploma shall surrender the Graduate Certificate before being admitted to the Postgraduate Diploma.

A candidate who has been enrolled for the coursework masters degree and who as such a candidate has completed the work prescribed for the Postgraduate Diploma and who has not been awarded the masters degree shall, on written application to the Faculty, be awarded the appropriate Postgraduate Diploma, subject to the student discontinuing candidature for the higher award.

5.4 To qualify for the masters degree by coursework a candidate shall present courses to the value of 36 units, including, if required, AGRIC 7007RW/WT Research Proposal, AGRONOMY 7020RW Research Methodology or AGRONOMY 7020RW Research Methodology and Experimentation; a minimum of twelve and a maximum of twenty one units deriving from research; and the balance from the Graduate Course Pool.

A candidate holding a Graduate Certificate or a Postgraduate Diploma of the University who has presented the courses in the Certificate or Diploma towards the requirements of the Masters degree by coursework shall surrender the Graduate Certificate or Postgraduate Diploma before being admitted to the masters degree.

6 Program of study - graduate course pool

6.1 There shall be a Graduate Course Pool which will include graduate level courses, approved supplemented level III courses (either of which may include intensive workshops) and research projects.

6.2 The selection of courses and activities will be made by students in consultation with and with the approval of Postgraduate Coursework Advisers or supervisors. Such selected components.

(a) shall form part of the formal coursework requirements *or*

(b) may form a preparatory portion of the research degrees.

6.3 The following courses shall comprise the Graduate Course Pool:

AGRIBUS 7009WT Issues in Australian Agribusiness	3
AGRIBUS 7012WT International Agribusiness Environment	3
AGRIBUS 7044WT Agricultural Business Management	3
AGRIC 7007RW/WT Research Proposal	3
AGRONOMY 7000ARW/BRW Rural Sociology	4
AGRONOMY 7001RW Agroforestry	3
AGRONOMY 7003RW Managing Agricultural Development	3
AGRONOMY 7004RW Advanced Agronomy	6
AGRONOMY 7008RW Agroforestry Research Principles	3
AGRONOMY 7009RW Measurement of Plant and Soil Water	3
AGRONOMY 7012RW Development of New Crops and Markets	6
AGRONOMY 7013RW Crops and Pastures G	4
AGRONOMY 7016RW Communications and Agricultural Extension	4
AGRONOMY 7017WT Viticultural Engineering and Operations	3
AGRONOMY 7018RW Agricultural Engineering	4
AGRONOMY 7020RW Research Methodology	4

AGRONOMY 7021RW Irrigation Science	3
ANIML SC 7004RW Topics in Animal Science	3
ANIML SC 7011RW Comparative Animal Physiology	3
ANIML SC 7020RW Biotechnology in the Animal Industries	3
ANIML SC 7021RW Animal Health and Welfare	3
ANIML SC 7022RW Animal Nutrition and Metabolism	3
APP ECOL 7001RW Ecology and Management of Rangelands	3
APP ECOL 7002WT Insect Behaviour	3
APP ECOL7003WT Plant Disease & the Environment	3
APP ECOL 7004WT Biology and Diversity of Insects	3
APP ECOL 7006WT Integrated Pest Management	3
APP ECOL 7008WT Pathogen - Plant Interactions	3
APP ECOL 7010WT Topics in Crop Protection	3
APP ECOL 7012RW Fauna Management	3
APP ECOL 7013WT Fungal Biology	3
APP ECOL 7014AWT/BWT Integrated Weed Management	3
APP ECOL 7015RW Conservation Biology	3
APP ECOL 7016RW Indigenous Australians and Environmental Management	3
BIOMET 7000WT Research Methodology and Experimentation	3
BIOMET 7001WT Advanced Biometry	3
CHEM ENG 7010WT Winery Engineering III	3
ENV BIOL 7011WT Ecology and Management of Freshwater Systems	3
GISC 5001 Advanced Raster Analysis	3
GISC 5013 Spatial Data Modelling and Analysis	3
HORTICUL 7000WT Production Horticulture	3
HORTICUL 7001 Horticultural Systems	3
HORTICUL 7043WT Postharvest Horticulture and Marketing	3
HORTICUL 7050WT Lifestyle Horticulture	3
HORTICUL 7052WT Olive Production and Marketing	3
PLANT SC 7002WT Plant Nutrition for Productive Systems	2
PLANT SC 7004WT Mineral Nutrition of Plants	3
PLANT SC 7005WT Introductory Plant and Animal Breeding	3
PLANT SC 7009WT Molecular Markers in Plant Breeding	2
PLANT SC 7010WT Crop Physiology III	3
PLANT SC 7011WT Advanced Plant and Animal Breeding	3
SOIL&WAT 7002WT Soil Management & Conservation	3
SOIL&WAT 7003WT Topics in Soil and Land Systems	3
SOIL&WAT 7005WT Environmental Toxicology and Remediation	3
SOIL&WAT 7007WT GIS for Environmental Management	3
SOIL&WAT 7024WT Soil Ecology and Nutrient Cycling	3
SOIL&WAT 7025WT GIS for Agricultural Sciences	3
SOIL&WAT7020WT Soil Water Management	3
SOIL&WAT 7022WT Topics in Soil and Land Systems B	3
WINEMKTG 7003WT Advertising and Promotion	3
WINEMKTG 7005EX Wine & Food Tourism and Festivals	3
WINEMKTG 7006EX Retail Management	3
WINEMKTG7015WT Issues in Wine Business	3
WINEMKTG 7031WT Topics in Agricultural Business B	3
WINEMKTG 7033WT Research Methodology and Methods	3
WINEMKTG 7039EX Applied Marketing Research	3
WINEMKTG 7041WT Topics in Agricultural Business A	3
WINEMKTG 7046WT Problems in Agricultural Business A	3
WINEMKTG 7047WT Problems in Agricultural Business B	3
WINEMKTG 7053EX Introduction to Managerial and Financial accounting	3
WINEMKTG 7054EX Legal Issues in Wine Marketing	3
WINEMKTG 7055WT/EX Principles of Food and Wine Marketing	3
WINEMKTG 7056WT/EX Internet Marketing and E-Commerce	3
WINEMKTG 7057WT/EX Food Marketing	3
WINEMKTG 7058WT International Marketing of Wine and Agricultural Products	3
WINEMKTG 7059WT/EX Strategic Marketing Management	3
WINEMKTG 7060EX Consumer Behavioural Analysis	3
WINEMKTG 7062EX Microeconomic Principles	3

Research projects

AGRIC 7010RW/WT Project C (ANR) (One Semester)	6
AGRIC 7011RW/WT Project E (ANR)(One Semester)	9
AGRIC 7012RW/WT Project D (ANR) (One Semester)	6
AGRIC 7013RW/WT Project A (ANR) (One Semester)	3
AGRIC 7014RW/WT Project F (ANR)(One Semester)	12
AGRIC 7015RW/WT Project B (ANR) (One Semester)	4

6.4 Candidates may include, within those courses presented to qualify for a coursework award, graduate level courses from outside the Graduate Course Pool subject to the approval of the Postgraduate Coursework Adviser and the Higher Degrees Committee.

6.5 Unacceptable combinations of courses

No candidate will be permitted to count towards an award any course, together with any other course, which, in the opinion of the Faculty concerned, contains a substantial amount of the same material; and no course or portion of a course may be counted twice towards an award.

6.6 Graduation

Subject to Chapter 89 of the Statutes, candidates who have satisfied the requirements for any award of the University shall be admitted to that award at a graduation ceremony for the purpose.

7 Special circumstances

When in the opinion of the relevant Faculty special circumstances exist, the Council, on the recommendation of the Faculty in each case, may vary any of the provisions of the Academic Program Rules for any particular award.

Graduate Certificate in Oenology

Academic Program Rules

1 Duration of program

To qualify for the Graduate Certificate a candidate shall satisfactorily complete a program of study comprising one semester of full-time study or no more than four semesters of part-time study.

2 Admission

2.1 An applicant for admission to the academic program for the Graduate Certification in Oenology shall have qualified for a Bachelor degree of the University of Adelaide in an appropriate field of study, or a degree of another institution accepted by the Faculty for the purpose as equivalent.

2.2 The Faculty may, subject to such conditions as it may see fit to impose in each case, accept as a candidate for the Graduate Certificate degree a person who does not satisfy the requirements of Rule 2.1 above but who has presented evidence satisfactory to the Faculty of fitness to undertake work for the Graduate Certificate.

2.3 Status, exemption and credit transfer

2.3.1 No candidate will be permitted to count for the Graduate Certificate any course that, in the opinion of the Faculty, contains substantially the same material as any other course that he or she has already presented for another award. Except with special permission of the Faculty, no candidate will be granted status for any course that he or she has presented for any award.

2.3.2 Such status as may be awarded in exceptional circumstances will only be awarded for equivalent post-graduate level studies.

2.3.3 In any case, no candidate will be awarded more than 3 units of status.

2.3.4 A candidate who fails a course and wishes to repeat that course shall, unless exempted partially therefrom by the Faculty, again complete the required work in the course to the satisfaction of the teaching staff concerned.

3 Assessment and examinations

3.1 There shall be four classifications of pass in any course for the Graduate Certificate degree: Pass with High Distinction, Pass with Distinction, Pass with Credit and Pass.

3.2 (a) A candidate shall not be eligible to attend for examination unless the prescribed work has been completed to the satisfaction of the teaching staff concerned.

(b) For the purpose of this Rule, a candidate who is refused permission to sit for examination shall be deemed to have failed the examination.

3.3 (a) A candidate who has failed a course twice may not re-enrol in that course except by special permission of the Faculty and then only under such conditions as may be prescribed.

(b) Supplementary examinations are allowable only in exceptional circumstances. A candidate must apply for special permission from the Faculty.

4 Qualification requirements

To qualify for the Graduate Certificate, a candidate shall satisfactorily complete courses to the value of 12 units, as follows:

4.1 Academic program

All candidates shall complete the following 4 core courses:

OENOLOGY 7010WT Stabilisation and Clarification	3
OENOLOGY 7019WT Sensory Studies	3
OENOLOGY 7028WT Introductory Winemaking	3
OENOLOGY 7047WT Winemaking at Vintage	3

4.2 Unacceptable combinations of courses

No candidate will be permitted to count towards an award any course, together with any other course, which, in the opinion of the Faculty concerned, contains a substantial amount of the same material; and no course or portion of a course may be counted twice towards an award.

4.3 Graduation

Subject to Chapter 89 of the Statutes, candidates who have satisfied the requirements for any award of the University shall be admitted to that award at a graduation ceremony for the purpose.

5 Special circumstances

When in the opinion of the relevant Faculty special circumstances exist, the Council, on the recommendation of the Faculty in each case, may vary any of the provisions of the Academic Program Rules for any particular award.

Graduate Certificate in Petroleum Geology and Geophysics

Academic Program Rules

1 Duration of program

Except with the permission of the Faculty the program for the Graduate Certificate shall be completed in at least one semester of full-time study or at least two semesters of part-time study.

2 Admission

2.1 An applicant for admission to the program of study for the Graduate Certificate shall:

(a) have qualified for the degree of Bachelor of Science of the University with a major sequence in Geology or Geophysics, or hold qualifications from another institution accepted by the Faculty for the purpose *and*

(b) have obtained the approval of the Director of the National Centre for Petroleum Geology and Geophysics

2.2 Subject to the approval of the Council the Faculty may, in special cases and subject to such conditions (if any) as it may see fit to impose in each case, accept as a candidate for the Graduate Certificate a person who does not qualify for admission to the program under 2.1 above but has given evidence satisfactory to the Faculty of fitness to undertake work for the Graduate Certificate.

3 Assessment and examinations

3.1 There shall be the following classifications of Pass in each course for the graduate certificate: First Class, Second Class division A, Second Class Division B, Third Class.

3.2 (a) A candidate who fails in a course and desires to take the course again shall again attend lectures and satisfactorily do such written and practical work as the teaching staff concerned may prescribe, unless specifically exempted therefrom after written application for such exemption.

(b) A candidate who has twice failed the examination in any course or division of a course may not enrol for that course again except by special permission to be obtained in writing and then only under such conditions as may be prescribed.

(c) For the purpose of this Rule, a candidate who is refused permission to sit for examination, or who fails, without a reason accepted by the Executive Dean of Sciences (or nominee), to attend all or part of a final examination (or supplementary examination if granted) after remaining enrolled for at least nine teaching weeks of that semester, shall be deemed to have failed the examination.

4 Qualification requirements

A candidate for the Graduate Certificate shall regularly attend lectures and tutorials, do such written work and practical work as may be prescribed, and pass examinations in courses to the value of 12 units.

4.1 Academic program

4.1.1 The following shall be the courses for the Graduate Certificate in Petroleum Geology and Geophysics:

PETROL 7000TB Petroleum Geology & Geophysics (B)	6
PETROL 7001TB Petroleum Geology & Geophysics (A)	6

4.1.2 The Faculty may require a candidate to undertake additional work needed as background to the program.

4.2 Unacceptable combinations of courses

No candidate will be permitted to count towards an award any course, together with any other course, which, in the opinion of the Faculty concerned, contains a substantial amount of the same material; and no course or portion of a course may be counted twice towards an award.

4.3 Graduation

Subject to Chapter 89 of the Statutes, candidates who have satisfied the requirements for any award of the University shall be admitted to that award at a graduation ceremony for the purpose.

5 Special circumstances

When in the opinion of the relevant Faculty special circumstances exist, the Council, on the recommendation of the Faculty in each case, may vary any of the provisions of the Academic Program Rules for any particular award.

Graduate Certificate in Physics

Academic Program Rules

1 Duration of program

To qualify for the Graduate Certificate a candidate shall satisfactorily complete a program of full-time study extending over at least one semester or part-time study extending over at least two semesters.

2 Admission

2.1 An applicant for admission to the program of study for the Graduate Certificate shall have qualified for a degree of the University of Adelaide or hold qualifications from another institution accepted by the University for the purpose; and obtained the approval of the Head of Physics.

2.2 Subject to the approval of Council, the Faculty may in special cases and subject to such conditions (if any) as it may see fit to impose in each case, accept as a candidate for the Graduate Certificate a person who does not hold the qualifications specified in 2.1 above but has given evidence satisfactory to the Faculty of fitness to undertake work for the Graduate Certificate.

3 Assessment and examinations

3.1 There shall be four classifications of pass in each course for the Graduate Certificate: Pass with High Distinction, Pass with Distinction, Pass with Credit, and Pass.

3.2 (a) A candidate who fails in a course and desires to take the course again shall again attend lectures and satisfactorily do such written and practical work as the teaching staff concerned may prescribe, unless specifically exempted therefrom after written application for such exemption.

(b) A candidate who has twice failed the examination in any course or division of a course may not enrol for that course again except by special permission to be obtained in writing and then only under such conditions as may be prescribed.

(c) For the purpose of this Rule, a candidate who is refused permission to sit for examination, or who fails, without a reason accepted by the Head of Physics, to attend all or part of a final examination (or supplementary examination if granted) after remaining enrolled for at least nine teaching weeks of that semester, shall be deemed to have failed the examination.

4 Qualification requirements

4.1 A candidate for the Graduate Certificate shall regularly attend lectures and tutorials, do such written work and practical work as may be prescribed, and pass examinations in a selection of courses to an aggregate value of at least 12 units, including at least six units from the courses listed at 4.2(c).

4.2 Academic program

The courses may be chosen from:

(a) Level III courses offered in Physics

(b) Level III courses and Honours courses offered by another area of the University where appropriate *and*

(c) the following courses:

PHYSICS 7002 Astrophysics	3
PHYSICS 7003 Atmospheric and Environmental Physics	3
PHYSICS 7004 Advanced Electromagnetism	3
PHYSICS 7005 Atomic and Molecular Physics	3
PHYSICS 7006 Cosmology	3
PHYSICS 7007 Experimental Methods	3
PHYSICS 7008 Gauge Theory	3
PHYSICS 7009 General Relativity	3
PHYSICS 7010 Laser Physics & Non-linear Optics	3
PHYSICS 7011 Nuclear and Radiation Physics	3
PHYSICS 7012 Nuclear Theory & Particle Physics	3
PHYSICS 7013 Quantum Field Theory	3
PHYSICS 7014 Relativistic Quantum Mechanics and Particle Physics	3
PHYSICS 7015 Statistical Mechanics and Many Body Theory	3

The number of courses to be offered in any year will be dependent on staff availability and student demand.

4.3 The Faculty may require a candidate to undertake additional work needed as background to the program.

4.4 Unacceptable combinations of courses

No candidate will be permitted to count towards an award any course, together with any other course, which, in the opinion of the Faculty concerned, contains a substantial amount of the same material; and no course or portion of a course may be counted twice towards an award.

4.5 Graduation

Subject to Chapter 89 of the Statutes, candidates who have satisfied the requirements for any award of the University shall be admitted to that award at a graduation ceremony for the purpose.

5 Special circumstances

When in the opinion of the relevant Faculty special circumstances exist, the Council, on the recommendation of the Faculty in each case, may vary any of the provisions of the Academic Program Rules for any particular award.

Graduate Certificate in Viticulture

Academic Program Rules

1 Duration of program

To qualify for the Graduate Certificate a candidate shall satisfactorily complete a program of study comprising one semester of full-time study or no more than four semesters of part-time study.

2 Admission

2.1 An applicant for admission to the academic program for the Graduate Certification in Viticulture shall have qualified for a Bachelor degree of the University of Adelaide in an appropriate field of study, or a degree of another institution accepted by the Faculty for the purpose as equivalent.

2.2 The Faculty may, subject to such conditions as it may see fit to impose in each case, accept as a candidate for the Graduate Certificate degree a person who does not satisfy the requirements of Rule 2.1 above but who has presented evidence satisfactory to the Faculty of fitness to undertake work for the Graduate Certificate.

2.3 Status, exemption and credit transfer

2.3.1 No candidate will be permitted to count for the Graduate Certificate any course that, in the opinion of the Faculty, contains substantially the same material as any other course that he or she has already presented for another award. Except with special permission of the Faculty, no candidate will be granted status for any course that he or she has presented for any award.

2.3.2 Such status as may be awarded in exceptional circumstances will only be awarded for equivalent postgraduate level studies.

2.3.3 In any case, no candidate will be awarded more than 3 units of status.

2.3.4 A candidate who fails a course and wishes to repeat that course shall, unless exempted partially therefrom by the Executive Dean or nominee, again complete the required work in the course to the satisfaction of the teaching staff concerned.

3 Assessment and examinations

3.1 There shall be four classifications of pass in any course for the Graduate Certificate degree: Pass with High Distinction, Pass with Distinction, Pass with Credit and Pass.

3.2 (a) A candidate shall not be eligible to attend for examination unless the prescribed work has been completed to the satisfaction of the teaching staff concerned.

(b) For the purpose of this Rule, a candidate who is refused permission to sit for examination shall be deemed to have failed the examination.

3.3 (a) A candidate who has failed a course twice may not re-enrol in that course except by special permission of the Executive Dean or nominee and then only under such conditions as may be prescribed.

(b) Supplementary examinations are allowable only in exceptional circumstances. A candidate must apply for special permission from the Executive Dean.

4 Qualification requirements

To qualify for the Graduate Certificate, a candidate shall satisfactorily complete courses to the value of 12 units, as follows:

4.1 Academic program

All candidates shall complete the following core courses:

AGRONOMY 7017WT Viticultural Engineering and Irrigation	3
VITICULT 7001WT Advances in Viticultural Science	3
VITICULT 7002WT Viticultural Science	3
VITICULT 7021WT Viticultural Production	3

4.2 Unacceptable combinations of courses

No candidate will be permitted to count towards an award any course, together with any other course, which, in the opinion of the Faculty concerned, contains a substantial amount of the same material; and no course or portion of a course may be counted twice towards an award.

4.3 Graduation

Subject to Chapter 89 of the Statutes, candidates who have satisfied the requirements for any award of the University shall be admitted to that award at a graduation ceremony for the purpose.

5 Special circumstances

When in the opinion of the relevant Faculty special circumstances exist, the Council, on the recommendation of the Faculty in each case, may vary any of the provisions of the Academic Program Rules for any particular award.

Graduate Certificate in Wine Business

Academic Program Rules

1 Duration of program

To qualify for the Graduate Certificate a candidate shall satisfactorily complete a program of study comprising 1 semester of full-time study or no more than 4 semesters of part-time study.

2 Admission

2.1 An applicant for admission to the academic program for the Graduate Certification in Wine Business shall have qualified for a Bachelor degree of the University of Adelaide in an appropriate field of study, or a degree of another institution accepted by the Faculty for the purpose as equivalent.

2.2 The Faculty may, subject to such conditions as it may see fit to impose in each case, accept as a candidate for the Graduate Certificate degree a person who does not satisfy the requirements of Rule 2.1 above but who has presented evidence satisfactory to the Faculty of fitness to undertake work for the Graduate Certificate.

2.3 Status, exemption and credit transfer

2.3.1 No candidate will be permitted to count for the Graduate Certificate any course that, in the opinion of the Faculty, contains substantially the same material as any other course that he or she has already presented for another award. Except with special permission of the Faculty, no candidate will be granted status for any course that he or she has presented for any award.

2.3.2 Such status as may be awarded in exceptional circumstances will only be awarded for equivalent post-graduate level studies.

2.3.3 In any case, no candidate will be awarded more than 3 units of status.

2.3.4 A candidate who fails a course and wishes to repeat that course shall, unless exempted partially therefrom by the Executive Dean or nominee, again complete the required work in the course to the satisfaction of the teaching staff concerned.

3 Assessment and examinations

3.1 There shall be four classifications of pass in any course for the graduate certificate: Pass with High Distinction, Pass with Distinction, Pass with Credit and Pass.

3.2 (a) A candidate shall not be eligible to attend for examination unless the prescribed work has been completed to the satisfaction of the teaching staff concerned.

(b) For the purpose of this Rule, a candidate who is refused permission to sit for examination shall be deemed to have failed the examination.

3.3 (a) A candidate who has failed a course twice may not re-enrol in that course except by special permission of the Executive Dean or nominee and then only under such conditions as may be prescribed.

(b) Supplementary examinations are allowable only in exceptional circumstances. A candidate must apply for special permission from the Executive Dean.

4 Qualification requirements

To qualify for the Graduate Certificate, a candidate shall satisfactorily complete courses to the value of 12 units, as follows:

4.1 Academic program

All candidates shall complete 4 courses from the Master of Wine Business syllabus. At least one must be:

WINEMKTG 7049WT/EX Global Market for Wine 3

or

WINEMKTG 7034WT/EX Winery Business Management 3

4.2 Unacceptable combinations of courses

No candidate will be permitted to count towards an award any course, together with any other course, which, in the opinion of the Faculty concerned, contains a substantial amount of the same material; and no course or portion of a course may be counted twice towards an award.

4.3 Graduation

Subject to Chapter 89 of the Statutes, candidates who have satisfied the requirements for any award of the University shall be admitted to that award at a graduation ceremony for the purpose.

5 Special circumstances

When in the opinion of the relevant Faculty special circumstances exist, the Council, on the recommendation of the Faculty in each case, may vary any of the provisions of the Academic Program Rules for any particular award.

Graduate Diploma in Oenology

Academic Program Rules

1 Duration of program

To qualify for the Graduate Diploma a candidate shall satisfactorily complete a program of study comprising two semester of full-time study or no more than eight semesters of part-time study.

2 Admission

2.1 An applicant for admission to the academic program for the Graduate Diploma in Oenology shall have qualified for a Bachelor degree of the University of Adelaide in an appropriate field of study, or a degree of another institution accepted by the Faculty for the purpose as equivalent.

2.2 The Faculty may, subject to such conditions as it may see fit to impose in each case, accept as a candidate for the Graduate Diploma a person who does not satisfy the requirements of Rule 2.1 above but who has presented evidence satisfactory to the Faculty of fitness to undertake work for the Graduate Diploma.

2.3 Status, exemption and credit transfer

2.3.1 No candidate will be permitted to count for the Graduate Diploma any course that, in the opinion of the Faculty, contains substantially the same material as any other course that he or she has already presented for another award. Except with special permission of the Faculty, no candidate will be granted status for any course that he or she has presented for any award.

2.3.2 Such status as may be awarded in exceptional circumstances will only be awarded for equivalent post-graduate level studies.

2.3.3 In any case, no candidate will be awarded more than 6 units of status, except for those candidates who have completed the Graduate Certificate in Oenology.

2.3.4 A candidate who fails a course and wishes to repeat that course shall, unless exempted partially therefrom by the Faculty, again complete the required work in the course to the satisfaction of the teaching staff concerned.

2.4 Articulation with other awards

2.4.1 A candidate for the Graduate Diploma of Oenology who does not complete the requirements for the Graduate Diploma but satisfies the requirements for the Graduate Certificate in Oenology may be admitted to the Graduate Certificate, subject to the student discontinuing candidature for the Graduate Diploma.

2.4.2 A candidate who has been admitted to the Graduate Certificate in Oenology and who subsequently satisfies the requirements for the Graduate Diploma of Oenology must surrender the Graduate Certificate before being admitted to the Graduate Diploma.

3 Assessment and examinations

3.1 There shall be four classifications of pass in any course for the Graduate Diploma: Pass with High Distinction, Pass with Distinction, Pass with Credit and Pass.

3.2 (a) A candidate shall not be eligible to attend for examination unless the prescribed work has been completed to the satisfaction of the teaching staff concerned.

(b) For the purpose of this Rule, a candidate who is refused permission to sit for examination shall be deemed to have failed the examination.

3.3 (a) A candidate who has failed a course twice may not re-enrol in that course except by special permission of the Faculty and then only under such conditions as may be prescribed.

(b) Supplementary examinations are allowable only in exceptional circumstances. A candidate must apply for special permission from the Faculty.

4 Qualification requirements

To qualify for the degree, a candidate shall satisfactorily complete courses to the value of 24 units, as follows:

4.1 Academic program

4.1.1 Core Courses

All candidates shall complete the following core courses:

OENOLOGY 7010WT Stabilisation and Clarification	3
OENOLOGY 7019WT Sensory Studies	3
OENOLOGY 7022WT Cellar and Winery Waste Management	3
OENOLOGY 7028WT Introductory Winemaking	3
OENOLOGY 7046WT Fermentation Technology	3
OENOLOGY 7047WT Winemaking at Vintage	3

4.1.2 Elective Courses

All candidates shall complete elective courses selected from the following:

CHEM ENG 7010WT Winery Engineering	3
OENOLOGY 7038WT Distillation, Fortified and Sparkling Wine Production	3
OENOLOGY 7048WT Advances in Oenology	3
VITICULT 7002WT Viticultural Science	3
VITICULT 7021 WT Viticultural Production	3

4.2 Unacceptable combinations of courses

No candidate will be permitted to count towards an award any course, together with any other course, which, in the opinion of the Faculty concerned, contains a substantial amount of the same material; and no course or portion of a course may be counted twice towards an award.

4.3 Graduation

Subject to Chapter 89 of the Statutes, candidates who have satisfied the requirements for any award of the University shall be admitted to that award at a graduation ceremony for the purpose.

5 Special circumstances

When in the opinion of the relevant Faculty special circumstances exist, the Council, on the recommendation of the Faculty in each case, may vary any of the provisions of the Academic Program Rules for any particular award.

Graduate Diploma in Physics

Academic Program Rules

1 Duration of program

To qualify for the Graduate Diploma a candidate shall satisfactorily complete a program of full-time study extending over at least one year or part-time study extending over at least two years.

2 Admission

2.1 An applicant for admission to the program of study for the Graduate Diploma shall.

(a) have qualified for a degree of the University or for a degree of another institution accepted for the purpose by the University

(b) have obtained the approval of the Head of Physics.

2.2 Subject to the approval of the Council the Faculty may, in special cases and subject to such conditions (if any) as it may see fit to impose in each case, accept as a candidate for the Graduate Diploma a person who does not qualify for admission to the course under 2.1 above but has given evidence satisfactory to the Faculty of fitness to undertake work for the Graduate Diploma.

3 Assessment and examinations

3.1 There shall be four classifications of pass in each course for the Graduate Diploma: Pass with High Distinction, Pass with Distinction, Pass with Credit, and Pass.

3.2 (a) A candidate who fails to pass in a course and desires to take the course again shall again attend lectures and satisfactorily do such written and practical work as the teaching staff concerned may prescribe, unless specifically exempted therefrom after written application for such exemption.

(b) A candidate who has twice failed the examination in any course or division of a course may not enroll for that course again except by special permission to be obtained in writing and then only under such conditions as may be prescribed.

(c) For the purpose of this Rule a candidate who is refused permission to sit for examination, or who, without a reason accepted by the Head of Physics as adequate, fails to attend all or part of a final examination (or supplementary examination if granted) after remaining enrolled for at least nine teaching weeks of that semester, shall be deemed to have failed the examination.

4 Qualification requirements

4.1 To qualify for the degree a candidate shall:

(a) satisfy examiners in courses of study as prescribed in the academic Program Rules *and*

(b) present a satisfactory research report on a subject approved by the Head of Physics.

4.2 On the completion of the research report the candidate shall lodge with the Head of Physics two copies of the research report prepared in accordance with directions given to candidates from time to time. No research report or material presented for any other degree within this or any other institution shall be submitted

4.3 Academic Program

Unless exempted therefrom by the Faculty every candidate for the degree shall satisfactorily complete units to the value of at least 24 units from the following components

(a) Coursework comprising options with an aggregate value of at least 18 units, including at least nine units from the courses listed in (iii). These courses may be chosen from:

(i) Level III courses in Physics

(ii) Level III courses and Honours courses offered by another area of the University where appropriate *and*

(iii) the following courses

PHYSICS 7002 Astrophysics	3
PHYSICS 7003 Atmospheric and Environmental Physics	3
PHYSICS 7004 Advanced Electromagnetism	3
PHYSICS 7005 Atomic and Molecular Physics	3
PHYSICS 7006 Cosmology	3
PHYSICS 7007 Experimental Methods	3
PHYSICS 7008 Gauge Theory	3
PHYSICS 7009 General Relativity	3
PHYSICS 7010 Laser Physic & Non-linear Optics	3
PHYSICS 7011 Nuclear & Radiation Physics	3
PHYSICS 7012 Nuclear Theory & Particle Physics	3
PHYSICS 7013 Quantum Field Theory	3

PHYSICS 7014 Relativistic Quantum Mechanics and Particle Physics 3

PHYSICS 7015 Statistical Mechanics and Many Body Theory 3

The number of courses to be offered in any year will be dependent on staff availability and student demand.

(b) An approved research project with a total value of 6 units:

PHYSICS 6000 Diploma Project (Physics) 6

4.4 The Faculty may require a candidate to undertake additional work needed as background to the program.

4.5 Unacceptable combinations of courses

No candidate will be permitted to count towards an award any course, together with any other course, which, in the opinion of the Faculty concerned, contains a substantial amount of the same material; and no course or portion of a course may be counted twice towards an award.

4.6 Graduation

Subject to Chapter 89 of the Statutes, candidates who have satisfied the requirements for any award of the University shall be admitted to that award at a graduation ceremony for the purpose.

5 Special circumstances

When in the opinion of the relevant Faculty special circumstances exist, the Council, on the recommendation of the Faculty in each case, may vary any of the provisions of the Academic Program Rules for any particular award.

Graduate Diploma in Viticulture

Academic Program Rules

1 Duration of program

To qualify for the Graduate Diploma a candidate shall satisfactorily complete a program of study comprising two semester of full-time study or no more than eight semesters of part-time study.

2 Admission

2.1 An applicant for admission to the academic program for the Graduate Diploma in Viticulture shall have qualified for a Bachelor degree of the University of Adelaide in an appropriate field of study, or a degree of another institution accepted by the Faculty for the purpose as equivalent.

2.2 The Faculty may, subject to such conditions as it may see fit to impose in each case, accept as a candidate for the Graduate Diploma a person who does not satisfy the requirements of Rule 2.1 above but who has presented evidence satisfactory to the Faculty of fitness to undertake work for the Graduate Diploma.

2.3 Status, exemption and credit transfer

2.3.1 No candidate will be permitted to count for the Graduate Diploma any course that, in the opinion of the Faculty, contains substantially the same material as any other course that he or she has already presented for another award. Except with special permission of the Faculty, no candidate will be granted status for any course that he or she has presented for any award.

2.3.2 Such status as may be awarded in exceptional circumstances will only be awarded for equivalent post-graduate level studies.

2.3.3 In any case, no candidate will be awarded more than 6 units of status, except for those candidates who have completed the Graduate Certificate in Viticulture.

2.3.4 A candidate who fails a course and wishes to repeat that course shall, unless exempted partially therefrom by the Executive Dean or nominee, again complete the required work in the course to the satisfaction of the teaching staff concerned.

2.4 Articulation with other awards

2.4.1 A candidate for the Graduate Diploma of Viticulture who does not complete the requirements for the Graduate Diploma but satisfies the requirements for the Graduate Certificate in Viticulture may be admitted to the Graduate Certificate, subject to the student discontinuing candidature for the Graduate Diploma.

2.4.2 A candidate who has been admitted to the Graduate Certificate in Viticulture and who subsequently satisfies the requirements for the Graduate Diploma of Viticulture must surrender the Graduate Certificate before being admitted to the Graduate Diploma.

3 Assessment and examinations

3.1 There shall be four classifications of pass in any course for the Graduate Diploma: Pass with High Distinction, Pass with Distinction, Pass with Credit and Pass.

3.2 (a) A candidate shall not be eligible to attend for examination unless the prescribed work has been completed to the satisfaction of the teaching staff concerned.

(b) For the purpose of this Rule, a candidate who is refused permission to sit for examination shall be deemed to have failed the examination.

3.3 (a) A candidate who has failed a course twice may not re-enrol in that course except by special permission of the Executive Dean or nominee and then only under such conditions as may be prescribed.

(b) Supplementary examinations are allowable only in exceptional circumstances. A candidate must apply for special permission from the Executive Dean.

4 Qualification requirements

To qualify for the degree, a candidate shall satisfactorily complete courses to the value of 24 units, as follows:

4.1 Academic program

4.1.1 Core Courses

All candidates shall complete the following core courses:

AGRONOMY 7017WT Viticultural Engineering and Irrigation	3
VITICULT 7001WT Advances in Viticultural Science	3
VITICULT 7002WT Viticultural Science	3
VITICULT 7021WT Viticultural Production	3

and courses on Viticultural Methods and Procedures.

4.1.2 Elective Courses

All candidates shall complete an elective course selected from the following:

APP ECOL 7006WT Integrated Pest Management	3
OENOLOGY 7019WT Sensory Studies	3
OENOLOGY 7028WT Introductory Winemaking	3

or Soil Sciences

Plus other electives from the Graduate Course Pool as deemed appropriate by the Faculty

4.2 Unacceptable combinations of courses

No candidate will be permitted to count towards an award any course, together with any other course, which, in the opinion of the Faculty concerned, contains a substantial amount of the same material; and no course or portion of a course may be counted twice towards an award.

4.3 Graduation

Subject to Chapter 89 of the Statutes, candidates who have satisfied the requirements for any award of the University shall be admitted to that award at a graduation ceremony for the purpose.

5 Special circumstances

When in the opinion of the relevant Faculty special circumstances exist, the Council, on the recommendation of the Faculty in each case, may vary any of the provisions of the Academic Program Rules for any particular award.

Graduate Diploma in Wine Business

Academic Program Rules

1 Duration of program

To qualify for the Graduate Diploma a candidate shall satisfactorily complete a program of study comprising 2 semester of full-time study or no more than 8 semesters of part-time study.

2 Admission

2.1 An applicant for admission to the academic program for the Graduate Diploma in Wine Business shall have qualified for a Bachelor degree of the University of Adelaide in an appropriate field of study, or a degree of another institution accepted by the Faculty for the purpose as equivalent.

2.2 The Faculty may, subject to such conditions as it may see fit to impose in each case, accept as a candidate for the Graduate Diploma a person who does not satisfy the requirements of Rule 2.1 above but who has presented evidence satisfactory to the Faculty of fitness to undertake work for the Graduate Diploma.

2.3 Status, exemption and credit transfer

2.3.1 No candidate will be permitted to count for the Graduate Diploma any course that, in the opinion of the Faculty, contains substantially the same material as any other course that he or she has already presented for another award. Except with special permission of the Faculty, no candidate will be granted status for any course that he or she has presented for any award.

2.3.2 Such status as may be awarded in exceptional circumstances will only be awarded for equivalent post-graduate level studies.

2.3.3 In any case, no candidate will be awarded more than 6 units of status, except for those candidates who have completed the Graduate Certificate in Wine Business.

2.3.4 A candidate who fails a course and wishes to repeat that course shall, unless exempted partially therefrom by the Executive Dean or nominee, again complete the required work in the course to the satisfaction of the teaching staff concerned.

2.4 Articulation with other awards

2.4.1 A candidate for the Graduate Diploma of Wine Business who does not complete the requirements for the Graduate Diploma but satisfies the requirements for the Graduate Certificate in Wine Business may be admitted to the Graduate Certificate, subject to the student discontinuing candidature for the Graduate Diploma.

2.4.2 A candidate who has been admitted to the Graduate Certificate in Wine Business and who subsequently satisfies the requirements for the Graduate Diploma of Wine Business must surrender the Graduate Certificate before being admitted to the Graduate Diploma.

3 Assessment and examinations

3.1 There shall be four classifications of pass in any course for the graduate diploma: Pass with High Distinction, Pass with Distinction, Pass with Credit and Pass.

3.2 (a) A candidate shall not be eligible to attend for examination unless the prescribed work has been completed to the satisfaction of the teaching staff concerned.

(b) For the purpose of this Rule, a candidate who is refused permission to sit for examination shall be deemed to have failed the examination.

3.3 (a) A candidate who has failed a course twice may not re-enrol in that course except by special permission of the Executive Dean or nominee and then only under such conditions as may be prescribed.

(b) Supplementary examinations are allowable only in exceptional circumstances. A candidate must apply for special permission from the Executive Dean.

4 Qualification requirements

To qualify for the degree, a candidate shall satisfactorily complete courses to the value of 24 units, as follows:

4.1 Academic program

All candidates shall complete the following core courses:

WINEMKTG 7034WT/EX Winery Business Management	3
WINEMKTG 7049WT/EX Global Market for Wine	3

and at least one of:

OENOLOGY 7002NW/EX Vineyard and Winery Operations I	3
OENOLOGY 7003NW/EX Vineyard and Winery Operations II	3

plus electives from the Master of Wine Business syllabus.

4.2 Unacceptable combinations of courses

No candidate will be permitted to count towards an award any course, together with any other course, which, in the opinion of the Faculty concerned, contains a substantial amount of the same material; and no course or portion of a course may be counted twice towards an award.

4.3 Graduation

Subject to Chapter 89 of the Statutes, candidates who have satisfied the requirements for any award of the University shall be admitted to that award at a graduation ceremony for the purpose.

5 Special circumstances

When in the opinion of the relevant Faculty special circumstances exist, the Council, on the recommendation of the Faculty in each case, may vary any of the provisions of the Academic Program Rules for any particular award.

Master of Oenology

Academic Program Rules

1 Duration of program

To qualify for the degree a candidate shall satisfactorily complete a program of study comprising three semester of full-time study or no more than ten semesters of part-time study.

2 Admission

2.1 An applicant for admission to the academic program for the degree of Master of Oenology shall have qualified for a Bachelor degree of the University of Adelaide in an appropriate field of study, or a degree of another institution accepted by the Faculty for the purpose as equivalent, plus have at least two years approved relevant work experience.

2.2 The Faculty may, subject to such conditions as it may see fit to impose in each case, accept as a candidate for the degree a person who does not satisfy the requirements of Rule 2.1 above but who has presented evidence satisfactory to the Faculty of fitness to undertake work for the degree.

2.3. Status, exemption and credit transfer

2.3.1 No candidate will be permitted to count for the degree any course that, in the opinion of the Faculty, contains substantially the same material as any other course that he or she has already presented for another award. Except with special permission of the Faculty, no candidate will be granted status for any course that he or she has presented for any award.

2.3.2 Such status as may be awarded in exceptional circumstances will only be awarded for equivalent post-graduate level studies.

2.3.3 In any case, no candidate will be awarded more than 9 units of status, except for those candidates who have completed the Graduate Certificate in Oenology or the Graduate Diploma in Oenology.

2.3.4 A candidate who fails a course and wishes to repeat that course shall, unless exempted partially therefrom by the Faculty, again complete the required work in the course to the satisfaction of the teaching staff concerned.

2.4 Articulation with other awards

2.4.1 A candidate for the Master of Oenology who does not complete the requirements for the Masters degree but satisfies the requirements for the Graduate Certificate in Oenology or Graduate Diploma in Oenology may be admitted to one of those awards, as appropriate, subject to the student discontinuing candidature for the higher award.

2.4.2 A candidate who has been admitted to the Graduate Certificate in Oenology or Graduate Diploma in Oenology and who subsequently satisfies the requirements for the Master of Oenology must surrender the Graduate Certificate or Graduate Diploma before being admitted to the Masters degree.

3 Assessment and examinations

3.1 There shall be four classifications of pass in any course for the Masters degree: Pass with High Distinction, Pass with Distinction, Pass with Credit and Pass.

3.2 (a) A candidate shall not be eligible to attend for examination unless the prescribed work has been completed to the satisfaction of the teaching staff concerned

(b) For the purpose of this Rule, a candidate who is refused permission to sit for examination shall be deemed to have failed the examination.

3.3 (a) A candidate who has failed a course twice may not re-enrol in that course except by special permission of the Faculty and then only under such conditions as may be prescribed

(b) Supplementary examinations are allowable only in exceptional circumstances. A candidate must apply for special permission from the Faculty.

4 Qualification requirements

To qualify for the degree, a candidate shall satisfactorily complete core and elective courses to the value of 36 units, as follows:

4.1 Academic program

4.1.1 Core Courses

All candidates shall complete the following core courses:

OENOLOGY 7010WT Stabilisation and Clarification	3
OENOLOGY 7019WT Sensory Studies	3
OENOLOGY 7022WT Cellar and Winery Waste Management	3

OENOLOGY 7028WT Introductory Winemaking	3
OENOLOGY 7046WT Fermentation Technology	3
OENOLOGY 7047WT Winemaking at Vintage	3
OENOLOGY 7048WT Advances in Oenology	3

4.1.2 Elective Courses

All candidates shall complete elective courses selected from the following:

AGRONOMY 7017WT Viticultural Engineering and Irrigation	3
CHEM ENG 7010WT Winery Engineering	3
HORTICUL 7052WT Olive Production and Marketing	3
OENOLOGY 7004WT Wine Packaging and Quality Management	3
OENOLOGY 7038WT Distillation, Fortified and Sparkling Wine Production	3
VITICULT 7002WT Viticultural Science	3
VITICULT 7008WT Grape Industry Practice, Policy and Communication	2
VITICULT 7021WT Viticultural Production	3
VITICULT 7024WT Table and Drying Grape Production	2
WINEMKTG 7055WT Principles of Food and Wine Marketing	3

and courses on Viticultural Methods and Procedures

Plus other electives from the Graduate Course Pool as deemed appropriate by the Faculty

4.1.3 Optional supervised research project

Subject to the approval of the Faculty, 9 units of supervised research project can be completed in lieu of elective courses listed above subject to the availability of a nominated supervisor.

4.2 Unacceptable combinations of courses

No candidate will be permitted to count towards an award any course, together with any other course, which, in the opinion of the Faculty concerned, contains a substantial amount of the same material; and no course or portion of a course may be counted twice towards an award.

4.3 Graduation

Subject to Chapter 89 of the Statutes, candidates who have satisfied the requirements for any award of the University shall be admitted to that award at a graduation ceremony for the purpose.

5 Special circumstances

When in the opinion of the relevant Faculty special circumstances exist, the Council, on the recommendation of the Faculty in each case, may vary any of the provisions of the Academic Program Rules for any particular award.

Master of Science (Applied Physics)
Master of Science (Astrophysics)
Master of Science (Atmospheric Physics)
Master of Science (Optics and Lasers)
Master of Science (Theoretical Physics)

Academic Program Rules

1 Duration of Program

Except with the permission of the Faculty of Sciences, the courses of study and research report shall normally be completed in three semesters of full-time study or the equivalent of part-time study.

2 Admission

2.1 (a) The Faculty may accept as a candidate for the degree any person who has qualified for an Honours degree of Bachelor of Science in physics of the University of Adelaide or of another institution accepted for the purpose by the University, or

(b) The Faculty may accept as a candidate a person who has qualified for a degree of Bachelor of Science of the University of Adelaide, or another institution accepted by the University for the purpose, with a major sequence in Physics and appropriate professional experience, or

(c) Subject to the approval of Council the Faculty may, in special cases and subject to such conditions (if any) as it may see fit to impose in each case, accept as a candidate for the degree a person who does not hold the qualifications specified in 2.1(a) above but who has given evidence satisfactory to the Faculty of fitness to undertake work for the degree.

3 Enrolment

A candidate's enrolment in courses of study and choice of supervisor or supervisors must be approved by the Head of Physics, or the program coordinator, at enrolment each year.

4 Assessment and examination

4.1 There shall be four classifications of pass in any course for the degree: Pass with High Distinction, Pass with Distinction, Pass with Credit, Pass.

4.2 (a) A candidate who fails in a course and desires to take the course again shall again attend lectures and satisfactorily do such written and practical work as the teaching staff concerned may prescribe, unless specifically exempted therefrom after written application for such exemption.

(b) A candidate who has twice failed the examination in any course or division of a course may not enrol for that course again except by special permission to be obtained in writing and then only under such conditions as may be prescribed.

(c) For the purpose of this Rule, a candidate who is refused permission to sit for examination, or who fails, without a reason accepted by the Head of Physics, to attend all or part of a final examination (or supplementary examination if granted) after remaining enrolled for at least nine teaching weeks of that semester, shall be deemed to have failed the examination.

5 Qualification requirements

5.1 To qualify for the degree a candidate shall:

(a) satisfy examiners in courses of study as prescribed in the Academic Program Rules and

(b) present a satisfactory research report on a subject approved by the Head of Physics.

5.2 On the completion of the research report the candidate shall lodge with the Head of Physics two copies of the research report prepared in accordance with directions given to candidates from time to time. No research report or material presented for any other degree within this or any other institution shall be submitted.

5.3 Academic program

Unless exempted therefrom by the Faculty every candidate for the degree shall satisfactorily complete units to the value of at least 36 units from the following components:

(a) Coursework comprising options with an aggregate value of at least 18 units, including at least nine units from the courses listed in (iii). These courses may be chosen from:

(i) Level III courses in Physics

(ii) Level III courses and Honours courses offered by another area of the University where appropriate *and*

(iii) the following courses

PHYSICS 7002 Astrophysics	3
PHYSICS 7003 Atmospheric and Environmental Physics	3
PHYSICS 7004 Advanced Electromagnetism	3
PHYSICS 7005 Atomic and Molecular Physics	3
PHYSICS 7006 Cosmology	3
PHYSICS 7007 Experimental Methods	3
PHYSICS 7008 Gauge Theory	3
PHYSICS 7009 General Relativity	3
PHYSICS 7010 Laser Physic & Non-linear Optics	3
PHYSICS 7011 Nuclear & Radiation Physics	3
PHYSICS 7012 Nuclear Theory & Particle Physics	3
PHYSICS 7013 Quantum Field Theory	3
PHYSICS 7014 Relativistic Quantum Mechanics and Particle Physics	3
PHYSICS 7015 Statistical Mechanics and Many Body Theory	3

The number of courses to be offered in any year will be dependent on staff availability and student demand.

(b) An advanced topic in Applied Physics, Astrophysics, Atmospheric Physics, Optics and Lasers, Photonics or Theoretical Physics with a value of 6 units:

PHYSICS 7017 Advanced Topic in Physics	6

(c) An approved research project with a value of 12 units:

PHYSICS 7016 Research Project (M.Sc. Physics)	12

5.4 Unacceptable combinations of courses

No candidate will be permitted to count towards an award any course, together with any other course, which, in the opinion of the Faculty concerned, contains a substantial amount of the same material; and no course or portion of a course may be counted twice towards an award.

5.5 Graduation

Subject to Chapter 89 of the Statutes, candidates who have satisfied the requirements for any award of the University shall be admitted to that award at a graduation ceremony for the purpose.

6 Special circumstances

When in the opinion of the relevant Faculty special circumstances exist, the Council, on the recommendation of the Faculty in each case, may vary any of the provisions of the Academic Program Rules for any particular award.

Master of Science (Medical Physics)

Academic Program Rules

1 General

1.1 This document must be read in conjunction with:

(a) the General Academic Program Rules for Master by Research Programs (see under Adelaide Graduate Centre, p.8) *and*

(b) the Code of Practice for Maintaining and Monitoring Academic Quality and Standards in Higher Degrees by Research, published by the Adelaide Graduate Centre.

These documents explain procedures to be followed and contain guidelines on supervision and research for the degree of Doctor of Philosophy and the various Masters Degrees by Research, offered by the University.

All students must comply with both the General Academic Rules and the rules following below, and procedures outlined in the Code of Practice.

In addition to the General Academic Program Rules for Masters by Research degrees, in this publication, the following discipline specific rules apply.

2 Qualification requirements

2.1 As part of the Structured Program each candidate for the degree shall complete the following components of coursework:

Physics of Imaging

Radiation Biology, Protection and Epidemiology

Radiotherapy Physics.

2.2 Each candidate shall complete a thesis on an approved research project with clinical or field application, undertaken at an approved research institution, to the value of not less than 24 units.

Master of Science in Petroleum Geology and Geophysics

Academic Program Rules

1 General

1.1 This document must be read in conjunction with:

(a) the General Academic Program Rules for Master by Research Programs (see under Adelaide Graduate Centre, p.8) *and*

(b) the Code of Practice for Maintaining and Monitoring Academic Quality and Standards in Higher Degrees by Research, published by the Adelaide Graduate Centre.

These documents explain procedures to be followed and contain guidelines on supervision and research for the degree of Doctor of Philosophy and the various Masters Degrees by Research, offered by the University.

All students must comply with both the General Academic Rules and the rules following below, and procedures outlined in the Code of Practice.

In addition to the General Academic Program Rules for Masters by Research degrees, in this publication, the following discipline specific rules apply.

2 Assessment and examinations

There shall be four classifications of pass in any course for the degree: First Class, Second Class Division A, Second Class Division B and Third Class.

3 Qualification requirements

3.1 Every candidate for the degree shall complete the following components

(a) coursework, comprising the following compulsory courses:

PETROL 7000TB Petroleum Geology and Geophysics (B)

PETROL 7001TB Petroleum Geology and Geophysics (A)

(b) thesis on approved research project.

3.2 The Board of Research Education and Development may exempt candidates from the specific coursework if they have qualified for the Honours degree of Bachelor of Science (Petroleum, Geology and Geophysics) of the University or an alternative Honours program containing equivalent coursework. In such cases, candidates will undertake an extended research thesis.

3.3 At the discretion of the Head, Australian School of Petroleum, a candidate may be required to undertake a six to twelve week placement with the industry sponsor of their project, where such a placement will facilitate progress of the research project.

Master of Science (Petroleum Geoscience)

Academic Program Rules

1 Duration of Program

To qualify for the degree a candidate shall satisfactorily complete a program of study comprising 2 semesters of full-time study.

2 Admission

2.1 Admission to candidature by the Faculty may be granted to:

(a) persons qualified for an Honours degree (Second Class Division A or higher) from the University of Adelaide in a relevant field of study,

(b) persons qualified for an Honours degree from another university or tertiary institution equivalent to an Honours degree (Second Class Division A or higher) from the University of Adelaide in a relevant field of study,

(c) others having qualified for a Bachelor's degree of the University (with average marks of Second Class Division A or higher) in an approved field of study or an equivalent award in an institution accepted for the purpose by the Faculty and have relevant professional experience.

2.2 The Faculty may, subject to such conditions as it may see fit to impose in each case, accept as a candidate for the degree a person who does not satisfy the requirements of Rule 2.1 above but who has presented evidence satisfactory to the Faculty of fitness to undertake work for the degree.

3 Assessment and examination

3.1 There shall be four classifications of pass in any course for the degree and the research project: First Class, Second Class Division A, Second Class Division B and Third Class. Students failing to maintain an average of Second Class Division A in the coursework may be subject to a review of academic progress and possible termination of candidature.

3.2 A candidate for the Master of Petroleum Geoscience, who does not complete the requirements for the Masters degree, but satisfies the requirements for the Graduate Certificate in Petroleum Geology and Geophysics, may be admitted to that award if appropriate.

4 Qualification requirements

To qualify for the degree, a candidate shall obtain a grade of Second Class Division A or higher in courses to the value of 24 units, as follows:

4.1 Academic Program

Every candidate for the degree shall satisfactorily complete the following compulsory units with the value of 12 units

(a) PETROL 7000TB Petroleum Geology and Geophysics 6

PETROL 7001TB Petroleum Geology and Geophysics 6

and

(b) An approved research project:

PETROL 7002 Research Project (MSc Pet. Geoscience) 12

4.2 Unacceptable combinations of courses

No candidate will be permitted to count towards an award any course, together with any other course, which, in the opinion of the Faculty, contains a substantial amount of the same material; and no course or portion of a course may be counted twice towards an award.

4.3 Graduation

Subject to Chapter 89 of the Statutes, candidates who have satisfied the requirements for any award of the University shall be admitted to that award at a graduation ceremony for the purpose.

5 Special Circumstances

When in the opinion of the Faculty special circumstances exist, the Council, on the recommendation of the Faculty in each case, may vary any of the provisions of the Academic Program Rules for any particular award.

Master of Science (Reservoir Geoscience)

Academic Program Rules

1 General

1.1 This document must be read in conjunction with:

(a) the General Academic Program Rules for Master by Research Programs (see under Adelaide Graduate Centre, p.8) *and*

(b) the Code of Practice for Maintaining and Monitoring Academic Quality and Standards in Higher Degrees by Research, published by the Adelaide Graduate Centre.

These documents explain procedures to be followed and contain guidelines on supervision and research for the degree of Doctor of Philosophy and the various Masters Degrees by Research, offered by the University.

All students must comply with both the General Academic Rules and the rules following below, and procedures outlined in the Code of Practice.

In addition to the General Academic Program Rules for Masters by Research degrees, in this publication, the following discipline specific rules apply.

2 Qualification requirements

2.1 Every candidate for the degree shall complete work to the value of 48 units comprising the following components:

(a) coursework comprising the following compulsory courses:

PETROL 7000TB Petroleum Geology and Geophysics (B)

PETROL 7001TB Petroleum Geology and Geophysics (A)

(b) no more than 6 units of coursework chosen from PETROENG 7000 to 7008 as listed in the calendar

(c) a thesis on an approved research project with relevance to reservoir geology.

2.2 The Board of Research Education and Development may exempt candidates from the specified coursework if they have qualified for the Honours Degree of Bachelor of Science (Petroleum Geology and Geophysics) of the University, or an alternative Honours program containing equivalent coursework. In such cases, candidates shall undertake an extended research thesis.

Master of Viticulture

Academic Program Rules

1 Duration of program

To qualify for the degree a candidate shall satisfactorily complete a program of study comprising 3 semester of full-time study or no more than 10 semesters of part-time study.

2 Admission

2.1 An applicant for admission to the academic program for the degree of Master of Viticulture shall have qualified for a Bachelor degree of the University of Adelaide in an appropriate field of study, or a degree of another institution accepted by the Faculty for the purpose as equivalent, plus have at least two years approved relevant work experience.

2.2 The Faculty may, subject to such conditions as it may see fit to impose in each case, accept as a candidate for the degree a person who does not satisfy the requirements of Rule 2.1 above but who has presented evidence satisfactory to the Faculty of fitness to undertake work for the degree.

2.3 Status, exemption and credit transfer

2.3.1 No candidate will be permitted to count for the degree any course that, in the opinion of the Faculty, contains substantially the same material as any other course that he or she has already presented for another award. Except with special permission of the Faculty, no candidate will be granted status for any course that he or she has presented for any award.

2.3.2 Such status as may be awarded in exceptional circumstances will only be awarded for equivalent post-graduate level studies.

2.3.3 In any case, no candidate will be awarded more than 9 units of status, except for those candidates who have completed the Graduate Certificate in Viticulture or the Graduate Diploma in Viticulture.

2.3.4 A candidate who fails a course and wishes to repeat that course shall, unless exempted partially therefrom by the Executive Dean or nominee, again complete the required work in the course to the satisfaction of the teaching staff concerned.

2.4 Articulation with other awards

2.4.1 A candidate for the Master of Viticulture who does not complete the requirements for the Masters degree but satisfies the requirements for the Graduate Certificate in Viticulture or Graduate Diploma in Viticulture may be admitted to one of those awards, as appropriate, subject to the student discontinuing candidature for the higher award.

2.4.2 A candidate who has been admitted to the Graduate Certificate in Viticulture or Graduate Diploma in Viticulture and who subsequently satisfies the requirements for the Master of Viticulture must surrender the Graduate Certificate or Graduate Diploma before being admitted to the Masters degree.

3 Assessment and examinations

3.1 There shall be four classifications of pass in any course for the Masters degree: Pass with High Distinction, Pass with Distinction, Pass with Credit and Pass.

3.2 (a) A candidate shall not be eligible to attend for examination unless the prescribed work has been completed to the satisfaction of the teaching staff concerned.

(b) For the purpose of this Rule, a candidate who is refused permission to sit for examination shall be deemed to have failed the examination.

3.3 (a) A candidate who has failed a course twice may not re-enrol in that course except by special permission of the Executive Dean or nominee and then only under such conditions as may be prescribed.

(b) Supplementary examinations are allowable only in exceptional circumstances. A candidate must apply for special permission from the Executive Dean.

4 Qualification requirements

To qualify for the degree, a candidate shall satisfactorily complete core and elective courses to the value of 36 units, as follows:

4.1 Academic program

4.1.1 Core Courses

All candidates shall complete the following core courses:

OENOLOGY 7028WT Introductory Winemaking	3
OENOLOGY 7019WT Sensory Studies	3
VITICULT 7001WT Advances in Viticultural Science	3
VITICULT 7002WT Viticultural Science	3
VITICULT 7021WT Viticultural Production	3

and courses on Viticultural Methods and Procedures.

4.1.2 Elective Courses

All candidates shall complete elective courses selected from the following:

AGRONOMY 7017WT Viticultural Engineering and Irrigation	3
AGRONOMY 7021WT Irrigation Science	3
APP ECOL 7006WT Integrated Pest Management	3
HORTICUL 7052WT Olive Production and Marketing	3
OENOLOGY 7022WT Cellar and Waste Management	3
PLANT SC 7004WT Mineral Nutrition of Plants	3
SOIL&WAT 7003WT Topics in Soil and Land Systems	3
WINEMKTG 7055WT Principles of Food and Wine Marketing	3

and course in Winemaking

plus other electives from the Graduate Course Pool as deemed appropriate by the Faculty

4.1.3 Optional supervised research project

Subject to the approval of the Faculty, 12 units of supervised research project can be completed in lieu of elective courses listed above subject to the availability of a nominated supervisor.

4.2 Unacceptable combinations of courses

No candidate will be permitted to count towards an award any course, together with any other course, which, in the opinion of the Faculty concerned, contains a substantial amount of the same material; and no course or portion of a course may be counted twice towards an award.

4.3 Graduation

Subject to Chapter 89 of the Statutes, candidates who have satisfied the requirements for any award of the University shall be admitted to that award at a graduation ceremony for the purpose.

5 Special circumstances

When in the opinion of the relevant Faculty special circumstances exist, the Council, on the recommendation of the Faculty in each case, may vary any of the provisions of the Academic Program Rules for any particular award.

Master of Wine Business

Academic Program Rules

1 Duration of program

To qualify for the degree a candidate shall satisfactorily complete a program of study comprising 3 semester of full-time study or no more than 10 semesters of part-time study.

2 Admission

2.1 An applicant for admission to the academic program for the degree of Master of Wine Business shall have qualified for a Bachelor degree of the University of Adelaide in an appropriate field of study, or a degree of another institution accepted by the Faculty for the purpose as equivalent, plus have at least two years approved relevant work experience.

2.2 The Faculty may, subject to such conditions as it may see fit to impose in each case, accept as a candidate for the degree a person who does not satisfy the requirements of Rule 2.1 above but who has presented evidence satisfactory to the Faculty of fitness to undertake work for the degree.

2.3 Status, exemption and credit transfer

2.3.1 No candidate will be permitted to count for the degree any course that, in the opinion of the Faculty, contains substantially the same material as any other course that he or she has already presented for another award. Except with special permission of the Faculty, no candidate will be granted status for any course that he or she has presented for any award.

2.3.2 Such status as may be awarded in exceptional circumstances will only be awarded for equivalent post-graduate level studies.

2.3.3 In any case, no candidate will be awarded more than 9 units of status, except for those candidates who have completed the Graduate Certificate in Wine Business or the Graduate Diploma in Wine Business.

2.3.4 A candidate who fails a course and wishes to repeat that course shall, unless exempted partially therefrom by the Executive Dean or nominee, again complete the required work in the course to the satisfaction of the teaching staff concerned.

2.4 Articulation with other awards

2.4.1 A candidate for the Master of Wine Business who does not complete the requirements for the Masters degree but satisfies the requirements for the Graduate Certificate in Wine Business or Graduate Diploma in Wine Business may be admitted to one of those awards, as appropriate, subject to the student discontinuing candidature for the higher award.

2.4.2 A candidate who has been admitted to the Graduate Certificate in Wine Business or Graduate Diploma in Wine Business and who subsequently satisfies the requirements for the Master of Wine Business must surrender the Graduate Certificate or Graduate Diploma before being admitted to the Masters degree.

3 Assessment and examinations

3.1 There shall be four classifications of pass in any course for the Masters degree: Pass with High Distinction, Pass with Distinction, Pass with Credit and Pass.

3.2 (a) A candidate shall not be eligible to attend for examination unless the prescribed work has been completed to the satisfaction of the teaching staff concerned.

(b) For the purpose of this Rule, a candidate who is refused permission to sit for examination shall be deemed to have failed the examination.

3.3 (a) A candidate who has failed a course twice may not re-enrol in that course except by special permission of the Executive Dean or nominee and then only under such conditions as may be prescribed.

(b) Supplementary examinations are allowable only in exceptional circumstances. A candidate must apply for special permission from the Executive Dean.

4 Qualification requirements

To qualify for the degree, a candidate shall satisfactorily complete core and elective courses to the value of 36 units, as follows:

4.1 Academic program

4.1.1 Core Courses

All candidates shall complete the following core courses:

OENOLOGY 7002NW Vineyard and Winery Operations I S	3
OENOLOGY 7003NW Vineyard and Winery Operations IIS	3
WINEMKTG 7034WT Winery Business Management	3
WINEMKTG 7049WT Global Market for Wine	3
WINEMKTG 7064WT Advanced Wine Marketing	3

4.1.2 Elective Courses

All candidates shall complete elective courses selected from the following:

AGRIBUS 7009WT Issues in Australian Agribusiness	3
AGRIBUS 7012WT International Agribusiness Environment	3
AGRIBUS 7044WT Agricultural Business Management	3
OENOLOGY 7000NW Introduction to Grape and Wine Knowledge	3
OENOLOGY 7017WT Fortified Wine, Spirits, and Non-Grape Beverage	3
WINEMKTG 7003WT Advertising and Promotion	3
WINEMKTG 7005WT Wine and Food Tourism and Festivals	3
WINEMKTG 7006WT Retail Management	3
WINEMKTG 7015WT Issues in Wine Business	3
WINEMKTG 7033WT Research Methodology and Methods	3
WINEMKTG 7034W Winery Business Management	3
WINEMKTG 7035WT International Wine Law	3
WINEMKTG 7039WT Applied Marketing Research	3
WINEMKTG 7052WT Applied Management Science	3
WINEMKTG 7053WT Introduction to Managerial and Financial Accounting	3
WINEMKTG 7054WT Legal Issues in Wine Marketing	3
WINEMKTG 7055WT Principles of Food and Wine Marketing	3
WINEMKTG 7056WT Internet Marketing and E-Commerce	3
WINEMKTG 7057WT Food Marketing	3
WINEMKTG 7058WT International Marketing of Wine and Agricultural Products	3
WINEMKTG 7059WT Strategic Marketing Management	3
WINEMKTG 7060WT Consumer Behavioural Analysis	3
WINEMKTG 7062EX Macroeconomic Principles	3
WINEMKTG 7065WT Database Marketing for Wine and Food Business	3

4.1.3 Optional supervised research project

Subject to the approval of the Faculty, up to 21 units of supervised research project can be completed in lieu of the core and elective courses.

4.2 Unacceptable combinations of courses

No candidate will be permitted to count towards an award any course, together with any other course, which, in the opinion of the Faculty concerned, contains a substantial amount of the same material; and no course or portion of a course may be counted twice towards an award.

4.3 Graduation

Subject to Chapter 89 of the Statutes, candidates who have satisfied the requirements for any award of the University shall be admitted to that award at a graduation ceremony for the purpose.

5 Special circumstances

When in the opinion of the relevant Faculty special circumstances exist, the Council, on the recommendation of the Faculty in each case, may vary any of the provisions of the Academic Program Rules for any particular award.

Doctor of Science in the Faculty of Sciences

Academic Program Rules

1 (a) Subject to these Academic Program Rules a person who has been admitted in the University of Adelaide to an Honours degree of Bachelor or a degree of Master in Science, Agricultural Science, Applied Science or Engineering, or to the degree of Doctor of Philosophy in a field of study approved by the Faculty of Sciences, may proceed to the degree of Doctor of Science in the Faculty of Sciences.

(b) On the recommendation of the Faculty of Sciences the Council may accept as a candidate for the degree a person who has been admitted to a degree in the University of Adelaide other than one named in section (a) of this regulation, or who has qualified for a degree of another university or institution of higher education recognised by the University of Adelaide and has had a substantial association with the University; provided that in each case the person concerned has, in the opinion of the Faculty, had an adequate scientific training.

(c) On the recommendation of the Faculty of Sciences the Council may, in special cases, accept as a candidate for the degree a person who does not hold a degree of a University or institution of higher education, provided that in each case the candidate concerned has a substantial association with the University and has, in the opinion of the Faculty, adequate scientific credentials.

(d) Except where a person has been accepted as a candidate under regulation 1(c), no person shall be accepted as a candidate for the degree of Doctor of Science in the Faculty of Sciences before the expiration of five years from the date of original graduation.

2 (a) A person who desires to become a candidate for the degree shall give notice of the intended candidature in writing to the Manager, Graduate Administration and Scholarships, Adelaide Graduate Centre and with such notice shall furnish particulars of his/her scientific achievements and of the work to be submitted for the degree.

(b) The Faculty of Sciences shall appoint a committee to examine the information submitted and to advise the Faculty on whether the Faculty should:

(i) allow the applicant to proceed, and approve the subject or subjects of the work to be submitted *or*

(ii) advise the applicant not to submit his/her work *or*

(iii) not allow the applicant to proceed; and the Faculty's decision shall be conveyed to the applicant.

(c) If the Faculty approves the subject or subjects of the work and the candidate proceeds with the submission the Faculty shall nominate examiners of whom one at least shall be an external examiner.

3 (a) To qualify for the degree the candidate shall furnish satisfactory evidence that he/she has made an original contribution of distinguished merit adding to the knowledge or understanding of any subject with which the Faculty is directly concerned.

(b) The degree shall be awarded primarily on a consideration of such published works as a candidate may submit for examination.

(c) The candidate in submitting published works shall state generally in a preface and specifically in notes the main sources from which the information is derived and the extent to which the candidate has made use of the work of others, especially where joint publications are concerned. The candidate may also signify in general terms the portions of the work claimed as original.

(d) The candidate is required to indicate what part, if any, of the work has been submitted for a degree in this or any other university.

4 The candidate shall lodge with the Adelaide Graduate Centre three copies of the work prepared in accordance with the directions given in sub-paragraph (b) of clause 2B of Chapter XXV of the Statutes. If the work is accepted for the degree two of the copies will be transmitted to the University Library.

5 A candidate who complies with the foregoing conditions and satisfies the examiners may, on the recommendation of the Faculty of Sciences, be admitted to the degree of Doctor of Science in the Faculty of Sciences.

6 Notwithstanding anything contained in the preceding rules, the Faculty may recommend the award of the degree to any person who is not a member of the staff of the University. Any such recommendation must be accompanied by evidence that the person for whom the award is proposed has made an original and substantial contribution of distinguished merit to the knowledge or understanding of a subject with which the Faculty is directly concerned, of a standard not less than that required by Regulation 3.

For further information please contact the Adelaide Graduate Centre.

Regulation allowed 4 November, 1965.

Amended: 28 Feb. 1974: 1, 5; 23 Jan. 1975: 1; 15 Jan. 1976: 6; 4 Feb. 1982: 2, 4; 24 Feb. 1983: 2.21 Feb. 1991: 1; 13 Feb. 1992: 1(b).

Rule approved and Regulation repealed 18 March 1999.

Professional and Continuing Education

www.adelaide.edu.au/pce

Contents

Postgraduate awards coordinated by Professional and Continuing Education

Professional Certificate in Arbitration

Professional Certificate in Arbitration

Academic Program Rules

1 Duration of program

Taught over two semesters, the Professional Certificate in Arbitration comprises a General and Advanced program. Programs comprise 13 weeks of Tuesday evening two-hour tutorials, and a full one-day workshop. An introductory session to the Australian Legal System is provided at the commencement of the General Course.

2 Admission

2.1 Basic qualifications

2.1.1 The qualifications which would allow automatic admission to the Professional Certificate are recommended as one of the following:

A degree from a University recognised by the University of Adelaide in a field or discipline leading to the holder's practising in the relevant field, plus two years continuous practice in the field

A diploma or other tertiary qualification from a University or institution (including a TAFE college) recognised by the University of Adelaide, plus not less than three years experience in the practice of the calling for which the qualification is held *or*

A recognised industry-based qualification (such as training in business management through the Institute of Management), the holding of a senior and responsible position within business or industry with not less than four years total experience *or*

The holding of a senior position in a field of practice or discipline, plus not less than five years total experience in that field.

Such other qualification or experience as the Faculty of Law, on the advice of the Advisory Board, sees fit.

2.1.2 Being a person of good repute with no criminal record and holding a senior and respected position in the field of practice in which the person works.

2.1.3 Relevance of the professional certificate as contributing towards a masters degree:

Graduates possessing a Professional Certificate ought to be allowed to continue to study for the qualification of a Masters Degree Law specialising in Arbitration provided that:

(a) They possess the necessary other qualifications required (e.g. the holding of an appropriate degree)

(b) They are acceptable to the relevant faculty of law admitting them as students.

2.2 Status

Candidates possessing a law degree may be granted exemption from the General Program, dependent on their years of experience in the field and the number of ADR cases dealt with in their professional career.

3 Assessment

General course assessment comprises three components:

(a) participation at compulsory one-day workshop 25%

(b) 3,000 word assignment 40%

(c) 2 hour exam 35%.

The Advanced course assessment consists of three components:

(a) participation at the one-day workshop 25%

(b) 4000-5000 word assignment 40%

(c) 3 hour final exam 35%.

Each course provides 12 modules, several law based, relevant to arbitration.

4 Qualification requirements

4.1 Program of study

To qualify for the Professional certificate, a candidate shall satisfactorily complete the General course, and successfully pass all components of the Advanced course.

Candidates are serviced with all program materials, including text book and Arbitration video. Website access provides on-line learning for distance education students. On-line students are provided with an additional one-day program to coincide with the full-day workshop in each course.

Email enquiries: susan.boehm@adelaide.edu.au

Syllabuses

www.adelaide.edu.au

ACCOUNTING

ACCTING 7000
Accounting and Decision Making (M)

3 units semester 1 and 2

3 hour seminar per week

Objective: to be introduced to the use of accounting information by external users and management. Topics: accounting information in its decision making contexts, external financial reports, principles of double entry book-keeping: worksheets, the adjustment process, trial balance, inventory systems, receivables and payables, non-current assets and liabilities, owner's equity, introduction to financial statement analysis, the time value of money, capital budgeting, cost-volume-profit analysis, management accounting tools of analysis and budgeting.

assessment: assignments and exam as determined at first seminar

ACCTING 7008
Financial Accounting Issues (M)

3 units semester 2

3 hour seminar per week

assumed knowledge: ACCTING 7012 Commercial Law and Accounting Regulation (M)

Objective: to examine the issues related to selected accounting standards, and the theories and debates underpinning the development of financial accounting principles and practices. Topics: foreign currency transactions, accounting for assets including intangible assets, ethics in accounting, theory development in accounting, normative accounting theories, positive accounting theories, standard setting in a theoretical and political framework, and social and environmental accounting issues.

assessment: assignments and exam as determined at first seminar

ACCTING 7009
Auditing and Assurance Services (M)

3 units semester 2

2 lectures, 1 tutorial per week

assumed knowledge: ACCTING 7000 Accounting and Decision Making (M), ACCTING 7012 Commercial Law and Accounting Regulation (M)

Objective: to examine the principles and practices of internal and external auditing. Topics: auditing as a component of recurrent and strategic activities, risk assessment, internal control, systems evaluation, forensic accountability, and contemporary audit issues and challenges.

assessment: assignments and exam as determined at first lecture

ACCTING 7010
Corporate Accounting (M)

3 units not offered in 2004

2 lectures, 1 tutorial per week

assumed knowledge: CORPFIN 7003 Business Finance (M), ACCTING 7012 Commercial Law and Accounting Regulation (M)

Objective: to understand and apply the standards and methods of accounting for companies and corporate groups. Topics: company reconstructions, accounts of liquidators and receivers, amalgamations and takeovers, inter-corporate investments and consolidated accounts, and joint ventures.

assessment: assignments and exam as determined at first lecture

ACCTING 7012
Commercial Law and Accounting Regulation (M)

3 units semester 1 and 2

3 hour seminar per week

corequisite: ACCTING 7000 Accounting and Decision Making (M)

Objective: to understand the legal and regulatory framework of commercial transactions and financial reporting, and to examine issues relating to selected accounting standards. Topics: introduction to the legal system including the roles of the Constitution, parliaments and the courts, an introduction to basic rules of contracts and the tort of negligence, Australian accounting standards setting, financial statement disclosures, earnings per share, lease accounting, and income tax accounting.

assessment: assignments and exam as determined at first lecture

ACCTING 7014
Management Accounting (M)

3 units semester 2

3 hour seminar per week

assumed knowledge: ACCTING 7000 Accounting and Decision Making (M)

Objective: to be introduced to contemporary management accounting concepts and techniques. Topics: the role of accountants in internal decision-making, tools used to design and develop costing systems, preparation of budgets and their role as a planning and control tool, other decision-making tools including CVP analysis, pricing decisions, inventory issues and costs of quality.

assessment: assignments and exam as determined at first lecture

ACCTING 7015
Advanced Financial Reporting (M)

3 units semester 1

3 hour seminar per week

assumed knowledge: at least two courses at accounting specialisation level

Objective: to investigate the implications of financial accounting for the operation of the economy and multinational businesses. Topics: the decision-usefulness approach to financial reporting, the information perspective and measurement perspective on decision-usefulness, game theory for analysis of manager-investor conflict, earnings management, ethics and positive accounting theory, development and classification patterns in comparative international accounting practices, international accounting harmonisation.

assessment: assignments and exam as determined at first seminar

ACCTING 7017
Financial Statement Analysis (M)

3 units semester 2

3 hour seminar per week

assumed knowledge: at least two courses at accounting specialisation level

Objectives: to understand the properties of information derived from financial statements and the factors that influence the presentation of such information. Topics: demand and supply forces underlying the provision of corporate data, financial statement numbers and alternative accounting methods, international case studies based on listed companies in various industries, restate-translate issues, construction of projected financial statements, capital markets and corporate information releases, business combinations and financial information, distress analysis and financial information.

assessment: assignments and exam as determined at first seminar

ACCTING 7018
Public Sector and Not-for-Profit Accountability (M)

3 units semester 2

3 hour seminar per week

assumed knowledge: at least two courses at accounting specialisation level

Objective: to examine the concepts, methods and contexts of financial management and financial reporting in public sector and not-for-profit entities. Topics: the nature of public sector and not-for-profit sector accounting, the new public sector era, dimensions of accountability, financial statements for government departments, local governments and whole-of-governments, infrastructure and heritage assets, output-based accrual reporting and budgeting systems, quantitative and qualitative performance measures, accounting for charitable organisations, accounting for universities and health care organisations.

assessment: assignments and exam as determined at first seminar

AGRICULTURAL BUSINESS

AGRIBUS 7009WT
Issues in Australian Agribusiness

3 units semester 2

2 lectures, 1 tutorial per week

assumed knowledge: general marketing concepts

Content as AGRIBUS 2004WT Issues in Australian Agribusiness II.

assessment: to be advised

AGRIBUS 7012WT
International Agri-Business Environment

3 units semester 2

3 hours lectures/seminars per week

This course provides an overview of the international business environment within which agribusinesses function. Topics include

Australian trade and investment policies, international cooperation arrangements, legal and political issues, cross-cultural issues, strategies for entering foreign markets, strategic alliance issues, logistics, international human resource management issues, regional case studies. Student seminar presentations are a critical component of this course.

assessment: to be advised

AGRIBUS 7044WT

Agricultural Business Management

3 units semester 1, multi-modal

3 hour seminar each week

The aim of this course is to provide perspective and understanding of the overall management role, and to demonstrate linkages between various management functions. Aspects covered include business and society, business management, organisational design, entrepreneurship, human resources management, production management, marketing management, accounting management, financial management, information management, business and social ethics, and careers in agricultural business.

assessment: assignments, seminar presentations

AGRICULTURE

AGRIC 7007RW

Research Proposal

3 units semesters 1 or 2

The proposal will include a review of the relevant literature on a research topic, a justification of the proposal in terms of its academic and, if appropriate, industry value and a summary of the methodology which would be used in the investigation. The candidate will also present a seminar as part of the research proposal.

assessment: written report, seminar as arranged by Department

AGRIC 7008AWT

Project G (ANR) Part 1

Contact with supervisor by arrangement

assumed knowledge: students may be required to take certain subjects in preparation for the project.

Projects may comprise some or all of literature reviews, field trials, laboratory experiments, seminars and written assignments. Topics for projects may be chosen from any of the subjects included in the course.

AGRIC 7008BWT

Project G (ANR) Part 2

Contact with supervisor by arrangement

assumed knowledge: students may be required to take certain subjects in preparation for the project.

Projects may comprise some or all of literature reviews, field trials, laboratory experiments, seminars and written assignments. Topics for projects may be chosen from any subject included in the course.

AGRIC 7010RW

Project C (ANR)

semester 1 or 2

Students may be required to take certain subjects in preparation for the project.

Projects may comprise some or all of literature reviews, field trials, laboratory experiments, seminars and written assignments. Topics for projects may be chosen from any subject included in the course.

Contact with supervisor by arrangement.

AGRIC 7011RW

Project E (ANR)

semester 1 or 2

Projects may comprise some or all of literature reviews, field trials, laboratory experiments, seminars and written assignments. Topics for projects may be chosen from any subject included in the course.

Contact with supervisor by arrangement.

AGRIC 7012RW

Project D (ANR)

semester 1 or 2

Projects may comprise some or all of literature reviews, field trials, laboratory experiments, seminars and written assignments. Topics for projects may be chosen from any subject included in the course.

Contact with supervisor by arrangement.

AGRIC 7013RW

Project A (ANR)

semester 1 or 2

Projects may comprise some or all of literature reviews, field trials, laboratory experiments, seminars and written assignments. Topics for projects may be chosen from any subject included in the course.

AGRIC 7014RW

Project F (ANR)

4 units semester 1 or 2

Projects may comprise some or all of literature reviews, field trials, laboratory experiments, seminars and written assignments. Topics for projects may be chosen from any subject included in the course.

Contact with supervisor by arrangement.

AGRIC 7015RW

Project B (ANR)

4 units semester 1 or 2

assumed knowledge: students may be required to take certain courses in preparation for the project.

Contact with supervisor by arrangement

AGRONOMY

AGRONOMY 7000RW

Rural Sociology

4 units semester 1 or 2

internal each year external even years only

3 hours per week

This course provides an introduction to sociology and the sociology of agriculture and natural resources. Topics include classical sociological theories, sociology of agriculture, sociology of natural resources, implications for Australian farmers, and research methods and their application and interpretation.

assessment: assignment

AGRONOMY 7001RW

Agroforestry

3 units semester 1

2 hours lectures; 4 hours of associated practical work excursions per week

The focus of this course is the practical application of agroforestry in low and high rainfall environments in Australia. It also exposes students to agroforestry as it is practised elsewhere in the world.

Topics include: the management of trees/shrubs for timber, fodder and other products; agroforestry for the control of salinity and ground water, soil erosion, and habitat management; practical tree establishment, maintenance and harvest; ecological interactions in agroforestry systems; the effect of shelter on crop, pasture and animal productivity, planning agroforestry on the farm; modelling agroforestry systems; agroforestry research and development in Australia; agroforestry in developing countries.

assessment: to be advised

AGRONOMY 7003RW

Managing Agricultural Development

3 units semester 1

3 hour seminar per week

assumed knowledge: degree in Agriculture or equivalent

The course aims to provide students with an analytical and structural framework for management of agricultural development in developing countries. It deals with functions, structures and organisation in managing agricultural development. Various types of management, for example financial, information and marketing, are studied which link and involve the production and marketing programs. Applications will be studied, eg credit and input supply, land reform, extension and research. Other aspects include: policy making and agricultural development planning, management in government and nongovernment organisations, and participation at the community level.

assessment: as arranged by supervisor/lecturer

AGRONOMY 7004RW

Advanced Agronomy

6 units semester 1 or 2

Agronomy requires specialist knowledge and skills to be able to integrate biophysical and financial parameters in the practical management of farming systems. This course concentrates on the understanding and development of complex interactions which occur in agronomic systems. Further, the course exposes the student to cutting edge research, technology and understanding which is not yet in the text books. Students will engage in focussed studies of climate, soil, nutrient, weed disease interrelations with plant growth and the impacts of management such as tillage, rotation and farming to land type. The course is undertaken with consideration of management decision making and information technology in agronomy.

assessment: literature reviews and associated assignments

AGRONOMY 7006RW

Social Psychology

4 units semester 1 or 2

3 hours per week

Introductory social psychology on educational objectives in learning programs, perception, attitudes, attitude theory and attitude measurement, balanced theories, motivation, needs, wants, goals; groups, group dynamics; principles of educational learning theories,

classical conditioning, operant conditioning, Gestalt psychology, cognitive theories, social learning, personality and motivational theories applied to learning, self concept, defence mechanisms, non-Freudian personality and learning theories, elements of educational psychology, thinking methods and intelligence; adult education, agricultural education; human transactions, conflict resolutions; expectancy, role theory, social psychology of organisations, formal organisations, psychological implications of technological development, application of social psychology to working in developing countries.

assessment: to be advised

AGRONOMY 7008RW

Agroforestry Research Principles

3 units semester 1 or 2

Agroforestry is a relatively new discipline which is developing its own set of principles, techniques and institutions. This is due to the extended temporal and spatial dimensions of agroforestry systems which complicate the experimental design and statistical analysis of agroforestry research; and the wide range of socioeconomic contexts within which the research is based. The course examines case studies of agroforestry research across a wide range of systems hierarchy (i.e. physiological to landscape levels) in both developing and developed countries. This will also introduce the biophysical and economic modelling of agroforestry systems and Australian and international agroforestry research institutions.

assessment: literature reviews, assignments

AGRONOMY 7009RW

Measurement of Plant and Soil Water

3 units semester 1

Agronomic research uses a wide range of techniques to measure the water status in plants and soil. This course leads the student through an integrated study of the theory and practical measurement of transpiration, soil water, groundwater and agrometeorology. The student will prepare focussed reviews of each of these sub-topics and learn the techniques for measurement of plant and soil water, groundwater and climate. The student will also be instructed in the general use of data loggers and specific measurement software.

assessment: literature reviews, associated assignments

AGRONOMY 7012RW

Development of New Crops and Markets

6 units semester 1 or 2

Sustainable economic development demands that national and regional agricultural systems have the capacity to diversify. This requires individuals with a multi-disciplinary understanding of the whole process to develop new crops and markets as well as those with specific knowledge of various industry and market structures along the process. This course begins with a market perspective of crop diversification. The influences of international influence, gene sources and potential new crops are covered. Seed development technology and developing new production systems, industry infrastructure, seeking processing and quality control are introduced in the second semester. Finally, new technology issues are studied. Students will also engage in focused projects on specific stages on the market development or production process, eg. Seed and propagule technology; post harvest handling, processing and quality control of field crops; and the role of biotechnology in new crop development.

assessment: literature reviews, associated assignments

AGRONOMY 7013EX

Crops and Pastures

4 units semester 1 or 2

external - odd years only

3 hours per week

assumed knowledge: degree in Agriculture

An advanced course providing a detailed knowledge of recent technological developments in the production of crops and pastures in southern Australia with particular reference to dryland farming and promoting the ability to conduct field experiments and interpret the results of agronomic research.

The syllabus includes the technology of cereal, grain legume and oilseed crop production, with particular emphasis on the effects of crop rotations, tillage systems and fertiliser usage on crop production; the selection and evaluation of herbage plants in relation to physical and biological factors in the environment; methods of pasture establishment, management, conservation and utilisation; recent advances in the control and management of weeds, pests and diseases of crops and pastures.

assessment: to be advised

AGRONOMY 7016EX

Communications and Agricultural Extension

4 units semester 1 or 2

external - odd years only

3 hours per week

Theory and models of communication. Language, meaning, culture, written and oral communications. Report writing. Readability. Style in writing. Application of learning and communications theories to the presentation of information. Role of different extension techniques in the education process. Credibility, empathy and rapport. Communications for various audiences. The scope, purpose, structure and organisation of the agricultural extension services in the different states of Australia. Comparison of the history and

underlying philosophy of agricultural extension services in Australia with those of other countries. Organisations and agencies (government and non-government) with a role in agricultural extension. The audience for agricultural extension. Agricultural extension in developing countries. Legal liability in extension. Group process and leadership. The preparation of press articles, tape recordings, video tape programs and micro-teaching presentations are included in practical exercises.

assessment: assignments

AGRONOMY 7022RW

Indigenous Australians & Environmental Management

3 units semester 1

may not be available in 2004

equivalent of 5 hours per week (includes vacation field camp)

quota will apply

Contemporary land and resource use and management by Aboriginal people, and its relationship to sustainable development. Theoretical frameworks drawing on development studies, emphasising concepts of empowerment and indigenous self determination, and participatory approaches to resource management. Exploration of the positive and negative impacts of Australian resource management on indigenous people. Aboriginal world views, social organisation and relationships to country. Skills in communicating and negotiating with Aboriginal people. Specific topics covered include Aboriginal ecologies; subsistence economies; land and sea rights including native title; co-management regimes; heritage management; the role of Aboriginal organisations in environmental management.

assessment: practicals/assignments

AGRONOMY 7017WT

Viticultural Engineering and Operations

3 units semester 2

6 hours per week

prerequisite: 1242 Viticultural Science

Tractor performance and safety, engine characteristics, power transmission, traction, hydraulics. Trellis design and performance. Water storage performance. Principles and practices of vineyard operations including tractor and machinery operation, spray equipment calibration and spray application. Pruning, training, trellis erection and repair, propagation and other activities. Students are required to work in the campus vineyards. This course includes visits to commercial vineyards.

assessment: assignments, tutorials, practicals, written exams

AGRONOMY 7018RW

Agricultural Engineering

4 units semester 1 or 2

3 hours per week

The course consists of a project, negotiated between the student and the Discipline of Agronomy and Farming Systems, and assignment and tutorial work as directed by the Discipline.

Each component is complementary in that the assignment and tutorial work is directed toward the theoretical and analytic basis of the topic in which the project has been selected.

assessment: written reports

AGRONOMY 7019RW

Theories of Social Change for Developing Countries

3 units semester 1 or 2

In order to appreciate contemporary theories of rural and agricultural change in the third world, the background of these theories in general social theories will be examined. The logic and assumptions of contemporary theories of social change specifically related to 'development' can then more easily be identified. Practical and policy consequences flowing from these approaches can also be more easily analysed. With this background substantive issues in development can be considered, such as colonialism and its legacy, gender, power and inequality together with issues of ecological damage and sustainability.

AGRONOMY 7020RW

Research Methodology

4 units semester 1

2 hours per week

prerequisite: admission to B.App.Sc.(Hons) or to a postgraduate program offered by the Faculty.

This course introduces students to the research process. It covers topics such as priority-setting and planning; establishing and designing experiments; data collection and management; statistical analysis; grant application; scientific writing and communication of research results.

assessment: exam 45%, assignments 30%, tutorial exercises 15%, seminar 10%

AGRONOMY 7021WT

Irrigation Science

3 units semester 1

6 hours per week

prerequisite: AGRONOMY 2012RW Engineering Science or AGRONOMY 1001RW Engineering in Agriculture or CHEM ENG 1001 Engineering Physics or Engineering Principles.

Irrigation principles: evapotranspiration and soil moisture budget, crop requirements (peak rate and crop factor), adjustments for salinity (leaching fraction), sprinkler and dripper characteristics, sprinkler and dripper layout, hydraulics of pressure irrigation systems, irrigation scheduling, leveling, automatic controllers.

assessment: practicals, assignments, written exams

ANATOMICAL SCIENCE

ANAT SC 5000A

Human Anatomy for Graduate Certificate Part 1

12 units full year

4 x 2.5 hour afternoon/evening tutorial/practical sessions per week

eligibility: Grad. Cert. Human Anatomy students only

prerequisite: undergraduate degree (or equiv,) which includes Biology

This is a course of detailed human gross anatomy that permits students to gain an in-depth knowledge of systematic/regional gross anatomy by dissection of the human cadaver. The majority of coursework will be of a problem-based, self directed type as students will be given dissection tasks introducing them in depth to the structure of systems and all regions of the human body. During the last 2 months of the course each student will do a project which involves preparation of a display quality prosection and presentation of a lecture on the anatomy of the prosected part of the body.

assessment: to be advised at start of year

ANAT SC 5000B

Human Anatomy for Graduate Certificate Part 2

12 units full year

4 x 2.5 hour late afternoon/evening tutorial/ practical sessions per week

eligibility: Grad.Cert. Human Anatomy students only

prerequisite: undergraduate degree (or equiv.) which includes Biology

This is a course of detailed human gross anatomy that permits students to gain an in-depth knowledge of systematic/regional gross anatomy by dissection of the human cadaver. The majority of coursework will be of a problem-based, self directed type as students will be given dissection tasks introducing them in depth to the structure of systems and all regions of the human body. During the last 2 months of the course each student will do a project which involves preparation of a display quality prosection and presentation of a lecture on the anatomy of the prosected part of the body.

assessment: to be advised at start of year

ANIMAL SCIENCE

ANIML SC 7004RW

Topics in Animal Science

3 units semester 1 or 2

26 lectures or equivalent; associated practical work

assumed knowledge: degree in Agricultural Science or Science

The course will offer the opportunity to cover a range of topics on Animal Science related to the teaching and research interests of staff. Candidates should consult the Head of Discipline for topics currently available.

assessment: to be advised

ANIML SC 7011RW

Comparative Animal Physiology

3 units semester 1

6 hours per week

assumed knowledge: ENV BIOL 1001 Biology I, or APP ECOL 1004RW Cell Biology and Genetics and APP ECOL 1003RW Biology of Plants and Animals.

restriction: ANIML SC 2015RW Physiology of Farm Animals

This course deals with animal physiology: the tissues; physiology of the major systems including skeletal and muscular, circulatory, respiratory, digestive, excretory, nervous, endocrine, reproductive, environmental physiology.

assessment: exam 30%, practicals 40%, assignments 30%

ANIML SC 7012RW

Fauna Management II

3 units semester 2

presented entirely online

assumed knowledge: APP ECOL 1006RW Plant and Animal Diversity or equivalent

The course deals with the management of captive and wild populations. Topics covered include: the reasons for management; conflicts between humans and wildlife; the philosophical rationale for maintaining captive collections; management of diseases; development of ecologically based management strategies for the purpose of conservation, commercial harvesting and pest control; management of captive collections; legal and administrative framework.

assessment: theory 20% (online), assignments 70%, online discussion group 10%

ANIML SC 7021RW

Fauna Management II

3 units semester 2

presented entirely online

assumed knowledge: APP ECOL 1006RW Plant and Animal Diversity or equivalent

The course deals with the management of captive and wild populations. Topics covered include: the reasons for management; conflicts between humans and wildlife; the philosophical rationale for maintaining captive collections; management of diseases; development of ecologically based management strategies for the purpose of conservation, commercial harvesting and pest control; management of captive collections; legal and administrative framework.

assessment: theory 20% (online), assignments 70%, online discussion group 10%

ANIML SC 7022RW

Animal Nutrition and Metabolism

3 units semester 2

assumed knowledge: ENV BIOL 1000A/B Biology I or APP ECOL 1004RW Cell Biology and Genetics and APP ECOL 1003RW Biology of Plants and Animals.

restriction: ANIML SC 3010RW Diseases and Nutrition of Livestock

This course will discuss the principles and application of animal nutrition across a range of species, focusing mostly, although not exclusively, on livestock species. Students will develop an understanding of the nutritional components of feedstuffs and nutrient requirements, including requirements for energy, protein, carbohydrate, fat, minerals and vitamins. The effects of nutrient supply on growth, reproduction, body composition (eg, fatness), health and welfare and product quality (for agricultural animals) are considered. The hormonal regulation of nutrient partitioning is also discussed, with particular reference to the changing requirements associated with growth, pregnancy and lactation. The role of nutritionists in animal-based enterprises, including the use of least-cost ration formulation is discussed. The course includes lectures and practicals, including hands-on animal trials.

assessment: exam, practicals, assignments

ANIML SC 7023RW

Intensive Livestock Management

3 units summer semester (January workshop)

assumed knowledge: ENV BIOL 1000A/B Biology I; APP ECOL 1004RW Cell Biology and Genetics and APP ECOL 1003RW Biology of Plants and Animals.

restriction: ANIML SC 3001RW Pig and Poultry Productions; ANIML SC 3012RW Dairy Production

The management of modern livestock production systems is based on detailed information on all aspects of the enterprises, including animal nutrition, growth performance, health status, and reproductive efficiency. In some cases, this has led to the intensification of animal production, which may include the housing of animals, but also includes intensively managed grazing systems. This course will consider the advantages and disadvantages of intensive animal production, with consideration of why such systems have evolved (including economic factors, the demand for product consistency, food safety issues, and other consumer expectations). The main factors that are required for the successful management of animals are discussed, focusing on the management of the very young animal, the growing animal, and the breeding female. The main species that are examined are dairy cows, pigs and chickens. The course includes lectures; site visits to commercial operations, and other practical sessions.

APPLIED ECOLOGY

APP ECOL 7001RW

Ecology and Management of Rangelands

3 units part semester 2, part winter vacation, incl.10-day field camp

assumed knowledge: APP ECOL 2010WT Population Ecology or SOIL&WAT 2001RW Community Ecology, or equivalent

A course in ecology emphasising the study of interactions between grazing animals and the vegetation in arid areas, the principles involved and their application to management practices. Particular attention is paid to the impact of domestic, feral and native herbivores on the population dynamics of the dominant woody perennials, and the maintenance of their stabilising influence on the landscape. The bulk of the teaching is done at Middleback, a working sheep station set in the western myall woodlands on the southern margins of the north-west pastoral district of South Australia. The main focus on ecology of these arid woodlands and their highly productive saltbush-bluebush understorey, is taught in the context of the history of land use, subsequent research, the ensuing legislation, and its administration, with input from pastoralists and government officers where appropriate.

assessment: project reports 40%, theory exam 60%

APP ECOL 7003WT

Plant Disease and the Environment

3 units semester 2

2 lectures, four hour practical per week

assumed knowledge*:* APP ECOL 2003WT General Microbiology II and APP ECOL 3011WT Pathogen-Plant Interactions

An environmentally responsible approach to the control of plant disease, based on knowledge of the factors which influence disease development and the survival and dispersal of pathogens. Emphasis will be placed on the pathogen - host plant - vector - environment interaction, the nature of disease epidemics, biological control including cultural practices, genetic and induced host plant resistance and the use of antagonistic microorganisms.

assessment: final exam, practical books and assignments

APP ECOL 7006WT

Integrated Pest Management A

3 units semester 1

2 lectures; four/five hour of practicals /computer exercises per week

This course provides an introduction to the theory and practice of pest management. Topics considered are: the development, regulation and use of pesticides; strategies and tactics for managing pests (biological, cultural, genetic and chemical control); integrated pest management; economics of pest management; the diagnosis of disease; strategies and tactics for managing disease outbreaks; integrated weed management.

assessment: exam 50%, practical exercises and assignments 50%

APP ECOL 7008WT

Pathogen-Plant Interactions

3 units semester 1

2 lectures, four hour practical per week

prerequisite: APP ECOL 2003WT General Microbiology II

This course focuses on the biology of plant pathogenic fungi, nematodes, bacteria and viruses with emphasis on interactions with hosts, the nature of disease and diagnosis. It provides biological information required for devising disease control strategies and complements APP ECOL 3005WT Plant Disease and the Environment S. Physiological, biochemical, genetic and molecular properties of pathogens will be discussed. Aspects of plant pathogen systems will include host physiology, disease development, resistance and molecular plant-microbe interactions.

assessment: practical reports 25% and written exam 75%

APP ECOL 7010WT

Plant and Pest Science

3 units semester 2

26 lectures or equivalent (comprising essays, tutorials and seminars); associated practical work

prerequisite: degree in Science, Environmental Science, Agriculture or equivalent

The course will review some of the following topics: population dynamics and seasonal occurrence of insect, plant pathogen and weed pests; biology of pests; quantitative methods of sampling, decision making and damage assessment; chemical control; plant resistance and biotechnology; biological control; quarantine procedures; integration and implementation of crop protection practices. Candidates should consult the Head of Discipline for topics currently available.

assessment: to be advised

APP ECOL 7011WT

Ecology and Management of Vertebrate Pests

3 units summer semester -10 days in summer vac.

quota will apply

assumed knowledge: APP ECOL 1006RW Plant and Animal Diversity

This course, presented in conjunction with the Animal and Plant Control Commission, strongly emphasises the field application of vertebrate pest control techniques and provides the theoretical bases for these techniques. Topics covered are the biology and ecology of vertebrate pests; the damage caused by pest animals; the legislative and administrative aspects of vertebrate pest control; district organisations; extension; vertebrate pest control practice.

assessment: theory 60%, practicals/assignments 40%

APP ECOL 7013WT

Fungal Biology

3 units semester 2

even years only

2 lectures, 4 hours of practical/tutorial per week

assumed knowledge: APP ECOL 2003WT General Microbiology II (pre 1992: 5677 Agricultural Microbiology and Zoology) or equiv.

Aspects of the biology of fungi, including classification, biodiversity, ecology, physiology, genetics and molecular biology, will be covered. Emphasis will be placed on fungi that are pathogens of economically important crops. Fungi of importance in natural ecosystems, industry, biotechnology and medicine will also be considered.

assessment: exam, fungal collection and practical books examined

APP ECOL 7014AWT

Integrated Weed Management Part 1

3 units full year

Note: students must also enroll in APP ECOL 7014BWT Integrated Weed Management Part 2

Two day residency for practicals in first mid-semester break - Modules at students pace

The impact of weeds on agricultural and natural ecosystems. Important characteristics of weed biology. Ecology of weeds. Methods of sampling and monitoring weed infestations. Biological, cultural and chemical methods for weed management. Integrating management techniques for weeds in a range of ecosystems, including: cropping enterprises, perennial pastures, national parks and recreation areas and horticultural systems.

assessment: five assignments during the year

APP ECOL 7014BWT

Integrated Weed Management Part 2

3 units full year

Two day residency for practicals in first mid-semester break - Modules at students pace

Note: students must also enroll in APP ECOL 7014AWT Integrated Weed Management Part 1

prerequisite: APP ECOL 7014AWT Integrated Weed Management Part 1

The impact of weeds on agricultural and natural ecosystems. Important characteristics of weed biology. Ecology of weeds. Methods of sampling and monitoring weed infestations. Biological, cultural and chemical methods for weed management. Integrating management techniques for weeds in a range of ecosystems, including: cropping enterprises, perennial pastures, national parks and recreation areas and horticultural systems.

assessment: five assignments during the year

ARCHITECTURE

ARCH 7006A/B

Architecture Masters Project II

12 units full year

up to 20 hours a week studio work, with specialist lectures irregularly spaced

eligibility: M.Arch.(Coursework) students only

prerequisite: ARCH 7013 Architecture Studio II

corequisite: ARCH 7007A/B Architecture Masters Dissertation

This course entails the preparation of a design response to a student devised brief. The substance and scope of the design may embrace aspects of nature and/or culture in urban and/or rural settings but is specifically intended to display the students' mastery at architectural design and an attuned understanding of the factors, theories, and opportunities that may influence and underpin the design. The project will be of moderate to high complexity. Tuition will entail both individual and group seminar and studio classes resulting in an individual exposition. Responses should demonstrate an advanced level of knowledge and ability in several areas of architecture thought and practice, including evidence of the student's ability to collect and evaluate information, construct, test and defend arguments or hypotheses, and to critically self-examine architectural design proposals. The final presentation or exhibition of the project should display a thorough integration of all major aspects of the Program.

assessment: masters project

ARCH 7007A/B

Architecture Masters Dissertation III

12 units full year

2 hour tutorial/seminar weekly

eligibility: M.Arch.(Coursework) students only

corequisite: ARCH 7006A/B Architecture Masters Project II

assumed knowledge: Design at postgraduate degree level

restriction: enrolment subject to application to Dean of School and contingent upon prior results

This course comprises an individual research inquiry into a topic or theme or theory within the discipline of architecture. The dissertation research culmination needs to display an adept fluency in period and contemporary literature and debates about the topic, evidence of a logical argument and analysis of available information or test results, an appreciation and use of a research methodology including its assumptions and validity, and the presentation of this research in a robust discussion paper or through an exhibition with catalogue.

Students will be required to undertake supervised research into a particular topic, leading to the presentation of a seminar paper, and submission of a final report/essay of between 6000 to 12000 words.

assessment: seminar paper and/or exhibition, and final essay or report articulating and supporting the project

ARCH 7009

Architecture Studio 1A

6 units semester 2

up to 18 hours of lectures/ tutorials/ workshops; contact hours vary from week to week

eligibility: M.Arch.(Coursework) students only

A project-based learning program integrating architectural and landscape design and digital media technologies that will typically address a small to medium sized design and planning topic in an urban setting possessing particular cultural constraints, relationships and landscape nuances. The course will place emphasis upon either urban design or ecological design or urban ecology questions and theories. The course will explore the role and contribution of design in our cultural environments, and the nexus between culture and nature in an urban context.

assessment: assignments and projects - may include written, verbal, and graphic (2 and 3 dimensional) communication

ARCH 7010
Architecture Studio IB

6 units semester 1

up to 18 hours of lectures/tutorials/workshops; contact hours vary from week to week

eligibility: M.Arch.(Coursework) students only

A project-based learning program integrating design and the technology and practices of construction, structures, materials and building services, within a theoretical and historical context; taking account of human (physiological, social and cultural) and ecological factors. The course will typically be focussed on the design of a dwelling (or small group of dwellings) on a real site, with a particular owner-occupier as client. Students will be required to develop a brief from the client's instructions. Theory and practice regarding a range of aspects of low-rise domestic construction (including site preparation, footings, light timber framing and masonry construction) will be applied. Students will be expected to explore a design 'parti' and its sources and precedents, to explain design intentions and communicate the architectural intentions of the building design, and to demonstrate that they understand its potential construction and performance. There will be an emphasis on the lighting and thermal performance of the building and associated energy use, in the context of the client's requirements.

assessment: two equally weighted components and students must attain at least 50% for each component; assignments may include written, verbal, and graphical (2 and 3 dimensional) communication

ARCH 7011
Architecture Studio IC

6 units semester 1

up to 18 hours of lectures/tutorials/workshops; contact hours vary from week to week

eligibility: M.Arch.(Coursework) students only

A project-based learning program integrating design and the technology and practices of construction, structures, materials and building services, within a theoretical and historical context; taking account of human (physiological, social and cultural) and ecological factors.

Architecture Studio IC will typically be focused on the design of a building alteration and refurbishment, requiring facilities planning, the survey and measuring of an existing building, and the preparation of measured drawings and dilapidation reports. It will also address issues arising in building conservation and the insertion of new buildings into heritage areas. There will be emphasis on structural assessment, materials characteristics and selection, plumbing and electrical services, and lighting.

Lectures given in the course will complement the design process, addressing the topics outlined above.

assessment: two equally weighted components and students must attain at least 50% for each component; assignments may include written, verbal, and graphical (2 and 3 dimensional) communication

ARCH 7012
Architecture Studio ID

6 units semester 2

up to 18 hours of lectures/ tutorials/ workshops; contact hours vary from week to week

eligibility: M.Arch.(Coursework) students only

A project-based learning program integrating architectural and landscape design and digital media technologies that will typically address a medium to large sized design and planning topic in a rural setting possessing particular cultural constraints, relationships and landscape nuances different from that commonly experienced in the South Australian environment. The course will explore the possibilities of digital media in designing and articulating designs, large to regional design issues, non-Mediterranean design issues, and site planning questions. Theories of multi-media design expression, architectural and landscape design, on-site infrastructure will be woven with topics addressing human (physiological, social and cultural) and ecological (faunal, floral, soil, water, etc) factors.

assessment: assignments and projects - may include written, verbal, and graphic (2 and 3 dimensional) communication

ARCH 7013
Architecture Studio II

8 units semester 1

up to 18 hours of lectures/tutorials/ workshops; contact hours vary from week to week

eligibility: M.Arch.(Coursework) students only

prerequisite: at least three of the following: ARCH 7009 Architecture Studio IA, ARCH 7010 Architecture Studio IB, ARCH 7011 Architecture Studio IC, ARCH 7012 Architecture Studio ID.

corequisite: ARCH 7014 Architecture Practice II

A project-based learning program in which students will develop their abilities to define the problem, bringing together the regulatory, technical, human (including social and cultural) and environmental factors studied in Level I Architecture Studios, and other facets of the theory and practice of design in architecture.

Architecture Studio II will typically be focused on the design of a mixed-use commercial multi-storey building located in a central business district and raising significant urban design issues. The project will be taken from early (facilities planning) to late

(documentation) stages and beyond to post-occupancy evaluation, and will mirror in an educational setting many of the processes carried out in an architectural office. Other, minor, projects will typically involve the schematic design of a sports hall, warehouse, or similar large-span building and a suburban or rural site. Topics which will be emphasised include urban design; design in relation to fire safety and regulations; mechanical services (including heating, ventilation and air conditioning) electrical services; water supply and drainage; excavation and footings; materials and finishes; repetition of building material and industrialised components; joinery construction.

Lectures given in the course will complement the design process addressing the topics outlined above.

assessment: projects

ARCH 7014

Architecture Practice II

4 units semester 1

up to 6 hours of lectures a week

eligibility: M.Arch.(Coursework) students only

corequisite: ARCH 7013 Architecture Studio II

This course will address the frameworks for and ethical structures of architectural and landscape architectural professional practice in South Australia and Australia. Topics include organisational theory; principles of law; the general organisation of architectural and landscape architectural (and multi-disciplinary) practices including the management of an office's human, physical and financial resources, the relationship between designers and their clients; consultants and contractors; contract administration; specifications; the legal qualifications of an architect and landscape architect; professional organisations; ethics; risk management and professional liability; planning and building law and regulations; problems facing the architect and landscape architect today; estimating and cost control; bills of quantities; the role of the quantity surveyor; project management; the range of services offered by architects and landscape architects.

A student is expected to be in possession of a current copy of the Building Code of Australia and its associated commentary, as a requirement of this course.

assessment: work diaries, seminar papers, projects, exams

ARCHITECTURE (DIGITAL MEDIA)

ARCHDM 7001

Architectural Design Digital Media Masters Project

12 units semester 1 or 2

contact hours vary

eligibility: M.Arch.(Digital Media) students only

prerequisite: all required courses in Grad.Dip.Arch. (Digital Media)

This course comprises an individual or group culminating design, planning and/or research project that addresses an aspect of architectural design, professional practice or architectural design education in the context of digital media. Students will negotiate with the course coordinator a topic that reflects their own particular interests and the mode of digital and/or printed submission that is to be adopted.

assessment: assignments/projects

ARCHDM 7003

Architectural Design with Digital Media C

12 units semester 1 or 2

contact hours vary - periods of intensive group contact and periods of less frequent individual tutorials

eligibility: Grad.Cert./Grad.Dip./M.Arch.(Digital Media) students only

assumed knowledge: experience and skills in using a 3D CAD tool

The course focuses on the developing use of digital media in the profession of architecture. It begins with media specific to particular application areas such as building modelling systems. It then focuses on the cultural and professional contexts in which such systems are used in architecture and related fields. A core component of the course is work under the direction of a professional architectural office that is recorded and reviewed in a practice journal.

assessment: projects

ARCHDM 7004

Architectural Design with Digital Media A

6 units semester 1

contact hours vary - periods of intensive group contact and periods of less frequent individual tutorials

eligibility: Grad.Cert./Grad.Dip./M.Arch.(Digital Media) students only

This course focuses on design forms for 'real' and 'virtual' architecture and their representation during the process of design. Students will carry out a series of exploratory design projects that use and develop skills and understanding in the 2D and 3D representation of form-making ideas, the visualisation and animation of design proposals at various levels of abstraction, and the

presentation of design-in-progress on the World Wide Web for an international audience. Project work is backed by seminars exploring theoretical concepts in contemporary design, representation and digital media. Projects and seminars may be adapted to suit individual student needs.

assessment: projects

ARCHDM 7006

Architectural Design with Digital Media B

6 units semester 1

contact hours vary - periods of intensive group contact and periods of less frequent individual tutorials

eligibility: Grad.Cert./Grad.Dip./M.Arch.(Digital Media) students only

assumed knowledge: experience and skills in using a 3D CAD tool

The course focuses on the relation between digital models of architecture and buildings and their interpretation and behaviour in the physical world. Students will carry out one or more design projects that use software for visual and environmental analysis and simulation, and develop skills and understanding of these issues. Project work is backed by seminars exploring related theoretical concepts such as the interpretation of images and narratives, performance prediction, environmental simulation and sustainability. Projects and seminars may be adapted to suit individual student needs.

assessment: projects

ART HISTORY

ARTH 5200

Studies in European Paintings Connoisseurship

6 units not offered in 2004

30 hours made up of Art Gallery sessions, lectures and tutorials

eligibility: postgraduate Art History students

This course will look critically at the development of connoisseurship in Europe, concentrating on the ideas and techniques of analysis and classification adopted by Leon Battista Alberti, Giorgio Vasari, Roger de Piles, William Hogarth, Jonathan Richardson, Giovanni Morelli, Heinrich Wolfflin, Max J. Friedlander, Bernard Berenson, Alois Riegl and Richard Offner. Students will be encouraged to exercise their own eye on as many original works of art as possible from the collection of the Art Gallery of South Australia.

ARTH 5201

Studies in Australian Colonial Art

6 units trimester 2

30 hours made up of Art Gallery sessions, lectures and tutorials

eligibility: postgraduate Art History students

The course will focus on the arts of colonial Australia from 1788 to 1901, paying particular attention to early paintings and works on paper by John Lewin, Thomas Bock, John Glover, Eugene von Guerard, William Strutt, Alexander Schramm, S.T. Gill, Martha Berkeley and others. Some attention will also be paid to the decorative arts of Colonial Australia, and to the early practice of photography and to Indigenous art. Recent exciting research of colonial art will inform analysis and interpretation of the art of the era.

ARTH 5202

Studies in Asian Art

6 units not offered in 2004

30 hours made up of Art Gallery sessions, lectures and tutorials

eligibility: postgraduate Art History students

A selective survey of developments in the later history of Asian art, concentrating in some detail on the arts of South-East Asia, in particular Hindu, Buddhist and Jain sculpture; Japanese art, including screens, prints, sculpture, metalwork and small decorative carvings; Cambodian, Thai and Vietnamese ceramics in the Art Gallery's collection; Ikat, Plangi, Batik, supplementary warp and other Indonesian textiles from Java, Sumatra and Bali.

ARTH 5203

Studies in Australian Art

6 units trimester 1

30 hours made up of Art Gallery sessions, lectures and tutorials

eligibility: postgraduate Art History students

The course focuses around the large collection of Australian art at the Art Gallery of South Australia. Discussion and analysis of the art will be in terms of the principal issues underpinning Australian art and recent re-readings of particular works. Topics to be explored include colonial art, later nineteenth-century nationalist and Federation art, the rise of modernism particularly among women artists, abstraction, minimalism, conceptualism, the emergence of Central and Western Desert painting and trends in contemporary Australian art.

ARTH 5204

Studies in European Art since the Renaissance

6 units trimester 1

30 hours made up of Art Gallery sessions, lectures and tutorials

eligibility: postgraduate Art History students

A survey of the main methodological, technical and connoisseurship questions arising from the history and historiography of European art since the Renaissance, concentrating in some detail on the collections of prints, drawings, oil paintings, watercolours, sculptures and decorative arts in the Art Gallery of South Australia, and with particular reference to the seventeenth and eighteenth-century development of the genres of landscape and portraiture. The course looks in some detail at the cultures of Britain in this period, as well as Italy, Germany and France.

ARTH 5206

Art Museum Internship

6 units trimester 1, 2 or 3

eligibility: postgraduate Art History students

quota may apply

prerequisite: satisfactory completion of three ARTH courses

Interns will be exposed to a broad experience of the life of the Art Gallery of South Australia, or some other appropriate museum or organisation, working not only in the curatorial department but as far as possible in the areas of public programs, marketing and public relations, sponsorship and registration. The exact program will depend upon the time of year and the specific needs and commitments of the participating staff.

ARTH 5207

Curatorial Placement

6 units trimester 1, 2 or 3

eligibility: postgraduate Art History students

quota may apply

prerequisite: satisfactory completion of three ARTH courses

Students will embark upon a minor writing, cataloguing, exhibition, display or other curatorial project to be proposed, developed and executed under the joint supervision of a nominated Gallery curator and the program coordinator. This project differs substantially from the internship in that it concentrates exclusively on curatorial and research work in an agreed area. Ideally, students working on this project would be able to participate in the preparation of a published exhibition or permanent collection catalogue.

ARTH 5208

Studies in Contemporary Art

6 units trimester 3

30 hours made up of Art Gallery sessions, lectures and tutorials

eligibility: postgraduate Art History students

The course looks at contemporary art as 'cutting edge' art, how its origins are to be found in modernist notions of the avant garde and on recent national and international developments including installation, new media, performance art, the resilience of painting and the place of Indigenous art in the contemporary scene. The course will focus around contemporary work in the collection of the Art Gallery of South Australia.

ARTH 5209

Studies in Australian Indigenous Art

6 units trimester 2

30 hours made up of Art Gallery sessions, lectures and tutorials

eligibility: postgraduate Art History students

The course explores the vast diversity of historical and contemporary Indigenous art practice, with a focus on several painting traditions including bark painting from various parts of Arnhem Land and the Kimberley, Central and Western Desert dot painting, and watercolours from Hermannsburg in Central Australia. Other aspects covered include Indigenous decorated and woven objects and contemporary urban Aboriginal prints and photographs. The course draws heavily on the comprehensive Indigenous collection of the Art Gallery of South Australia. Key anthropological, ethnographic and philosophical issues arising from the collecting and display of Indigenous art and objects in museums and galleries are also discussed.

ARTH 5210

Studies in British Art

6 units not offered in 2004

30 hours made up of Art Gallery sessions, lectures and tutorials

eligibility: postgraduate Art History students

This course focuses on the art of England, Scotland, Wales, Ireland and other parts of the British Isles from the reign of Henry VIII to the reign of Queen Victoria, concentrating on the rise of British portraiture in the era of the Flemish expatriate artist Anthony van Dyck; the invention of the Conversation Piece; the adaptation in Britain of the Classical landscape tradition, particularly by Richard Wilson and his followers; and the evolution of the Victorian art world through the mid to late nineteenth century.

ARTH 5211

Studies in Decorative Art

6 units not offered in 2004

30 hours made up of Art Gallery sessions, lectures and tutorials

eligibility: postgraduate Art History students

This course will focus on selected developments in British and Australian decorative arts. The implications of the term 'decorative' will be considered as well as the distinctive position of the decorative arts in the history of the modern museum. The British component of the course will focus on objects in the collection of the Art Gallery of South Australia that relate to William Morris and the Arts & Crafts Movement. The Australian component will cover all aspects of the decorative arts in Australia since European settlement.

ARTH 5212

Studies in Japanese Art

6 units not offered in 2004

30 hours made up of Art Gallery sessions, lectures and tutorials

eligibility: postgraduate Art History students

The course encompasses the history of Japanese Art and a study of its distinctive culture and aesthetics. It focuses around works in the collection of the Art Gallery of South Australia, including major works of sculpture, screen painting, wood-block prints, ceramics and metalwork including Shinto and Buddhist sculptures, ukiyo-e prints by Hiroshige, Hokusai and others, sword mounts of the Samurai and ceramics by Shoji Hamada and his circle. Attention will also be focused on issues surrounding the intersection between Japanese and Western Art and trends in modern contemporary Japanese art.

ARTH 5213

Studies in South East Asian Art

6 units not offered in 2004

30 hours made up of Art Gallery sessions, lectures and tutorials

eligibility: postgraduate Art History students

This course looks at Southeast Asian Ceramics and Textiles in particular and focuses on the unique holdings of the Art Gallery of South Australia in this specialist area. It will survey the parallel development of Southeast Asian ceramic traditions, concentrating in some detail on a number of Vietnamese, Thai, and Cambodian kilns and centres of production. The study in textiles will concentrate mainly on Indonesian cloths in the Gallery's collection, focusing especially on the migration of motifs, the development of techniques such as single and double ikat work and batik.

ARTH 5214

Studies in Modern Art

6 units trimester 3

eligibility: postgraduate Art History students

This course focuses on the origins of modern art in Paris and London, the meaning of 'modern' art and on the main modern art movements of the twentieth century including dadaism and surrealism, cubism, expressionism, futurism, constructivism, abstraction, abstract expressionism and the moments of decline in modern art: minimalism and conceptualism. Attention will also focus on the shift from Paris to New York as the cultural centre and how modern art was taken up in Australia. Much of the course will be shaped around works in the collection of the Art Gallery of South Australia

ARTH 5520

Research Project in Art History F/T

12 units semester 1 or 2

eligibility: M.A.(Art History) students

The dissertation must be up to 20,000 words in length, or equivalent. It can be a thesis by research or a project. A project might take the form of working to a brief negotiated jointly with the program coordinator and the Gallery. For example, it might comprise the work required to mount an exhibition, prepare a catalogue, feature a particular part of the collection or research work in the Art Gallery's collection. Depending on the proposed area of interest, one or two supervisors may be allocated to supervise the dissertation (by thesis or project) and they may be from the University, the Gallery or both. There may be instances where an outside supervisor is co-opted.

assessment: dissertation/report up to 20,000 words or equivalent

ARTH 5521A/B

Research Project in Art History P/T

12 units full year

eligibility: M.A.(Art History) students

The dissertation must be up to 20,000 words in length, or equivalent. It can be a thesis by research or a project. A project might take the form of working to a brief negotiated jointly with the program coordinator and the Gallery. For example, it might comprise the work required to mount an exhibition, prepare a catalogue, feature a particular part of the collection or research work in the Art Gallery's collection. Depending on the proposed area of interest, one or two supervisors may be allocated to supervise the dissertation (by thesis or project) and they may be from the University, the Gallery or both. There may be instances where an outside supervisor is co-opted.

assessment: dissertation/report up to 20,000 words or equivalent

BIOMETRY

BIOMET 7000WT

Research Methodology and Experimentation

3 units midyear break

3 lectures, 3 hour tutorial per week or 9-5 Monday to Friday over two weeks inclusive

prerequisite: degree in Agricultural Science or Science

assumed knowledge: first program in Biometry or Introductory Statistics

The Statistical Package GENSTAT 5 for Windows is introduced and utilised extensively throughout the course. Revision of basic regression and analysis of variance methodology. A selection of topics from the following: extension of regression (both linear and non linear); design and analysis of complicated multi-factor experiments; Latin squares; analysis of covariance; generalised linear models (including probit analysis and logistic regression); multiple comparisons.

As part of the course a selection of case studies will be discussed to illustrate the important steps involved during a research program (ie development of aims, setting of hypotheses, design of the experiment, collection of data, analysis and interpretation of results).

assessment: written assignment, final written exam

BIOMET 7001WT

Advanced Biometry

3 units semester 2

even years only

3 lectures, two hour tutorial per week, computer exercises

prerequisite: BIOMET 3000WT Agricultural Experimentation.

A selection of topics from the following: fractional replication; confounding; incomplete block designs; spatial analysis of large field trials; components of variance models; genotype x environment analysis (joint regression analysis and cluster analysis); multivariate analysis (principal components, factor analysis, Hotellings T2 and the linear discriminant function); harmonic regression and transformations; design and analysis of repeat measures data; non-linear regression; epidemiological methods (logistic regression). As well as GENSTAT 5 for Windows, the statistical packages SAS, REML and S-PLUS may be utilised.

assessment: individual assignment 30%, class exercises 10%, final exam 60%

BUSINESS

BUSINESS 7000

Social Challenges to Global Business

3 units semester 2

This course investigates modern societal challenges and concerns relating to international business and trade including: the environment, international labour standards, product health and safety considerations, intellectual property rights, corruption, and security in times of conflict. These issues raise problems of practical, ethical, tactical and strategic natures. The course would provide an understanding of the range of current global issues and look at strategies for successful business operations in the modern environment including approaches to the development and maintenance of a positive organisational reputation.

assessment: formal group project and an analytical essay

COMMERCE

COMMERCE 7005

Principles of Finance

3 units semester 1 and 2

3 hour seminar per week

Objective: Risk and return are key concepts in investment. This module discusses the measurement of risk and return. The relationship between risk and return is examined through the various methods of valuation and asset pricing models. Capital budgeting techniques, cost of capital and issues of capital structure are also covered as these enable the student to assess the investment plans of companies.

assessment: exam, written assignments, case study analyses, group or individual projects as determined as first lecture

COMMERCE 7002NA

Accounting Info for Financial Decision Making

3 units

This module focuses on the analysis of financial statements to reveal the operating performance and the financial condition of a company, its prospects and its underlying value. It examines the impact of alternative accounting procedures and assumptions on the published financial statements of a company. It offers ways to adjust for accounting differences and discusses the financial performance from the cross-sectional and time series perspectives. In addition, students learn how to construct and interpret projected statements of income, financial position and cash flows. In the process, the student should arrive at and be able to defend an investment

decision and the corresponding terms. Cases used in the course will be drawn largely from Asia-Pacific countries.

assessment: exam, written assignments, case study analysis, group or individual projects

COMMERCE 7003NA

Financial Quantitative Procedures

3 units

The purpose of this course is to provide the students with basic mathematical and statistical concepts to analyse, value, and manage investment portfolios. Students are also exposed to more advanced topics of data analysis. Emphasis is placed on the extensive use of computer statistical packages e.g. SAS, SPSS, to perform data analysis. Students are expected to have hands-on experience in application of quantitative methods to problems of investment.

assessment: exam, written assignments, case study analyses, group or individual projects

COMMERCE 7004NA

Economic Principles of Finance

3 units

The purpose of this module is to enable the student to understand economic events, analyse their impact on the financial markets and financial instruments, and propose appropriate courses of action. To do this, the student should understand the basic principles of macroeconomics and microeconomics and be conversant with the various economic indicators used. Also, the student should be able to utilise the tools of economic analysis to perform company and industry competitive analysis.

assessment: exam, written assignments, case study analyses, group or individual projects

COMMERCE 7005NA

Principles of Finance

3 units

Risk and return are key concepts in investment. This module discusses the measurement of risk and return. The relationship between risk and return is examined through the various methods of valuation and asset pricing models. Capital budgeting techniques, cost of capital and issues of capital structure are also covered as these enable the student to assess the investment plans of companies.

assessment: exam, written assignments, case study analyses, group or individual projects

COMMERCE 7006NA

Equity

4 units

This module enables the student to analyse stocks from a fundamental perspective. After completing the module, the student should be able to derive an intrinsic value for a stock. The student should also be able to discuss the qualitative factors like the strengths and weaknesses and the competitive environment in which the company operates. Special situations like corporate restructuring or mergers and acquisitions are discussed. As many companies are not publicly listed, the valuation of such companies as well as the role of venture capital need to be examined. This module also provides an overview of the equity market and discusses alternative trading methods.

assessment: exam, written assignments, case study analyses, group or individual projects

COMMERCE 7007NA

Fixed Income Securities

4 units

This module covers the valuation of fixed-income securities. As the pricing of bonds depend on interest rate changes, the term structure of interest rates is examined. The varieties of debt instruments are discussed as well as the different types of risk, e.g. default and country risk. Immunisation strategies are also analysed. Institutional aspects of the fixed income market like credit ratings are also covered.

assessment: exam, written assignments, case study analyses, group or individual projects

COMMERCE 7008NA

Futures, Options and Swaps

4 units

This module introduces students to the characteristics of derivative instruments like options, forwards and futures, and the markets they trade in. The student will also learn how these instruments are priced. The use of derivatives to hedge risk exposure will be discussed.

assessment: exam, written assignments, case study analyses, group or individual projects

COMMERCE 7009NA

Corporate Finance Theory

4 units

This course will focus on the investment and financing decisions and policies of corporations. There will be a focus on theory, and it emphasises skills in developing economic explanations for financial

phenomena. Additionally, the course will aim to provide some opportunities for the practical implementation of the main concepts covered.

assessment: exam, written assignments, case study analyses, group or individual projects

COMMERCE 7010NA

Portfolio Management

4 units

Portfolio management begins with management objectives. This is followed by the construction of the appropriate portfolio to reflect those objectives. A key issue in portfolio management is the asset allocation problem. Further, the relative merits and value of the various investment styles and strategies are also discussed. As the market or other circumstances change there is a need to monitor and rebalance the portfolio. Another aspect of portfolio management is the managing of portfolio risk. Various approaches to solve this problem are considered including the use of derivatives. As the computer is used extensively in portfolio management, the use of IT is also included.

assessment: exam, written assignments, case study analyses, group or individual projects

COMMERCE 7011NA

Financial Modelling

4 units not offered in 2004

This module looks at discrete time financial modelling of various financial assets, interest rates, exchange rates, using binominal models, and to present the modern theory of contingent claim pricing in these markets. Objectives: At the end of this course, students should understand basic financial market concepts, futures, forwards, options how to construct binominal tree models and their calibaration and how to price a wide variety of contingent claims, using principles of non-arbitrage.

assessment: exam, written assignments, case study analyses, group or individual projects

COMMERCE 7012NA

Treasury Management

4 units

This module covers the corporate treasury function. Essentially, the focus is on the corporate exposure to risk and appropriate ways to manage it. How the risk can be identified and measured will be discussed. Risk is defined broadly and includes liquidity, interest rate and foreign currency exposure. Tools to manage the treasury systems and controls and financial engineering.

assessment: exam, written assignments, case study analyses, group or individual projects

COMMERCE 7013NA

Financial Statement Analysis

4 units

This module comprises Singaporean, Asian and international case studies based on listed companies in various industries. The cases require participants to analyse and interpret financial and non-financial information from the perspectives of investment and credit analysts. In the process, participants learn how to construct and interpret projected statements of income, financial positions and cash flows.

assessment: exam, written assignments, case study analyses, group or individual projects

COMMERCE 7014NA

Personal Financial Planning

4 units

This module teaches students how to manage their personal assets and finances.The module stresses the understanding of key principles in personal financial planning. The practical implementation of these principles in the Singapore environment is learned through case studies.

assessment: exam, written assignments, case study analyses, group or individual projects

COMMERCE 7033

Quantitative Methods (M)

3 units semester 1 and 2

3 hour seminar per week

Objective: to examine quantitative analysis approaches essential for both academic and applied research with an emphasis on what procedures are most useful. Topics: revision of principles, characteristics of data and its collection, hypothesis testing with well behaved variables, financial econometrics, heteroscedasticity, autocorrelation, multi-collinearity, simultaneous equation (or system) solution, time series modelling and co-integration, logit and probit, non-linear regression, other approaches to developing models, hypothesis testing when variables are not well behaved.

assessment: assignments and exam as determined at first lecture

COMMERCE 7034

Project Management (M)

3 units semester 2

3 hour seminar per week

assumed knowledge: at least two courses at a specialisation level

Objective: to understand the development and management of the phases of limited-life commercial projects (such as staging of

events, campaigns and emergency operations) using a multi-disciplinary project team approach. Topics: project management life-cycle, project team's role, project scope planning, planning and sequencing project activities, project cost baseline creation, learning curve cost estimates, procurement management assessment, budgeting and monitoring, project funding requirements, venture capital, financial risk assessment, evaluation of markets and targeting opportunities, promotion strategies and public relations tools.

assessment: assignments and field project as determined at first lecture

COMMERCE 7035

Contemporary Issues in Commerce (M)

3 units not offered in 2004

3 hour seminar per week

assumed knowledge: at least two courses at a specialisation level

Objective: to critically evaluate the contribution of a stream of study to the broader discipline of accounting, finance or marketing. Topics: choosing a contemporary research topic or issue, searching the focal literature, and critically reviewing a selected body of literature by analysing and comparing the articles' objectives, motivation, theory development, choice of methods, adequacy of evidence and arguments in supporting conclusions.

assessment: assignments as determined at first lecture

COMMERCE 7036

Knowledge Management and Measurement (M)

3 units semester 1

3 hour seminar per week

assumed knowledge: at least two courses at a specialisation level

Objective: to explore the emerging art and science of managing knowledge and measuring intellectual capital in modern organisations. Topics: the parameters of knowledge management, the knowledge-based economy, paradigms and principles for knowledge management, implementation and electronic tools for knowledge management, knowledge measurement and value, classifying, measuring and reporting intellectual capital and other goodwill sources, measuring return on knowledge.

assessment: assignments and exam as determined at first lecture

COMMERCE 7037

Research Methodology in Commerce (M)

3 units semester 1

3 hour seminar per week

assumed knowledge: at least two courses at a specialisation level

Objective: to introduce a range of concepts, methods and skills which are used in scholarly and professional research in commerce. Topics: research and theory, method and methodology, deductive empirical research, inductive qualitative research, variables and their measurement, field surveys, experimental design, case studies and interviews, secondary data content analysis, action research, literature reviews, ethics in research.

assessment: assignments and exam as determined at first lecture

COMMERCIAL LAW

COMMLAW 7011

Corporate Law (M)

3 units semester 2

3 hour seminar per week

assumed knowledge: ACCTING 7012 Commercial Law and Accounting Regulation (M)

Objective: to examine the law relating to business structures including sole traders, partnerships, joint ventures and trusts. Topics: constitutional background and history of companies legislation, the concept of corporate personality, distinguishing features of different types of companies, authority of agents to bind the company, pre-registration contracts, company capital, management of the company, company financial reporting, auditors and directors duties, members' rights, voluntary administration, receivers, and winding up of companies.

assessment: assignments and exam as determined at first lecture

COMMLAW 7013

Income Taxation (M)

3 units not offered in 2004

2 lectures, 1 tutorial per week

assumed knowledge: COMMLAW 7011 Corporate Law (M)

Objective: to understand the fundamental concepts and applications of income tax law. Topics: jurisdiction to tax, assessable income, capital gains and losses, exempt income, deductions, tax accounting, tax entities, anti-avoidance, and tax administration.

assessment: assignments and exam as determined at first lecture

COMMLAW 7016

Business Taxation and GST (M)

3 units semester 2

3 hour seminar per week

assumed knowledge: at least two courses at accounting specialisation level

Objective: to understand the law and application of key types of business tax and the goods and services tax. Topics: Introduction to Business Taxes, including review of taxation of business income and review of business tax reforms; Business Tax Entity Issues, including taxation of entity distributions, treatment of losses and entity consolidations; Capital Gains Tax Special Topics, including business roll-over relief and Small Business concessions; Goods and Services Tax and business activity statements; Remuneration Taxes, including fringe benefits tax and superannuation guarantee charge; State Business Taxes, including payroll tax and stamp duties; Tax Planning, including issues on acquisition and disposal of a business, remuneration planning and retirement planning.

assessment: assignments and exam as determined at first seminar

COMPUTER SCIENCE

COMP SCI 6000

Compiler Construction and Project

3 units semester 1

2 lectures, 4 hours practical work a week

prerequisite: COMP SCI 1009 Computer Science IB (Pass Div I) or Pass in COMP SCI 6003 Computer Science Concepts or Pass in both COMP SCI 1000 Engineering Programming IE, ELEC ENG 1004 Logic Design

assumed knowledge: COMP SCI 2000 Computer Systems, COMP SCI 2004 Data Structures and Algorithms, COMP SCI 2001 Programming Paradigms and COMP SCI 3002 Programming Techniques

The structure of compilers: lexical analysis, syntax analysis (top-down and bottom-up techniques), environmental handling, the handling of context-sensitive and context-free errors, type checking and code generation. Run-time support for Algol-like languages, including storage management. BNF languages and grammars. This course is closely coupled with the writing of a large, compulsory programming project

assessment: 2 hour exam, compulsory project

COMP SCI 6001

Computer Architecture

3 units semester 1

2 lectures, 2 hours practical work a week, tutorial/homework exercises every 3 weeks

prerequisite: COMP SCI 1009 Computer Science IB (Pass Div I) or Pass in COMP SCI 6003 Computer Science Concepts or Pass in both COMP SCI 1000 Engineering Programming IE, ELEC ENG 1004 Logic Design

assumed knowledge: COMP SCI 2000 Computer Systems, COMP SCI 6005 Data Structures and Algorithms

Fundamentals of computer design; quantifying cost and performance; instruction set architecture; program behaviour and measurement of instruction set use; processor datapaths and control; pipelining, handling pipeline hazards; memory hierarchies and performance; I/O devices, controllers and drivers; I/O and system performance.

assessment: 2 hour exam, compulsory projects

COMP SCI 6002

Computer Networks and Applications

3 units semester 2

2 lectures, 2 hours of practical work a week

prerequisite: COMP SCI 1009 Computer Science IB (Pass Div I) or COMP SCI 6003 Computer Science Concepts or pass in both COMP SCI 1000 Engineering Programming IE, ELEC ENG 1004 Logic Design

Introduction to networks and digital communications with a focus on Internet protocols: Network layer model, Internet application protocols, UDP, TCP (reliable transport, congestion and flow control), IP (routing, addressing), Data Link layer operation (Ethernet, 802.11), physical transmission media, Nyquist and Shannon results, selected current topics such as: security, multimedia protocols, Quality of Service, mobility, emerging protocols (IPv6).

assessment: 2 hour exam, compulsory projects

COMP SCI 6003

Computer Science Concepts

3 units summer semester or mid-June

Programming in Java: variables, control structures, methods, classes, input/output; object orientation, interfaces, inheritance; introduction to graphical user interfaces. Introduction to computer systems, system software and basic Unix.

assessment: 3 hour written exam; compulsory practical exercises

note: this course commences in late January

COMP SCI 6004

Computer Systems

2 units semester 1

2 lectures, 2 hours practical work a week, 1 tutorial a fortnight

prerequisite: COMP SCI 1009 Computer Science IB (Pass Div I) or Pass in COMP SCI 6003 Computer Science Concepts or Pass in both COMP SCI 1000 Engineering Programming IE, ELEC ENG 1004 Logic Design

Instruction sets, assembler programming calling mechanisms, linking/loading, CPU organisation, memory hierarchy, input/output devices, controllers and drivers.

assessment: 2 hour exam, compulsory practicals

COMP SCI 6005
Data Structures and Algorithms

2 units semester 1

2 lectures, 2 hours practical work a week; 1 tutorial a fortnight

prerequisite: COMP SCI 1009 Computer Science IB (Pass Div I) or Pass in COMP SCI 6003 Computer Science Concepts or Pass in both COMP SCI 1000 Engineering Programming IE and ELEC ENG 1004 Logic Design

Program development techniques including basic ideas of correctness; representation of lists, stacks, queues, sets, hash and tree tables.

Notions of complexity and analysis; notion of abstract data type; sets and sequences as examples; searching and information retrieval illustrated with a 'table' abstract data type; various representations of a 'table' abstract data type; recursion. Introduction to the Personal Software Process.

assessment: 2 hour written exam, programming exercises

COMP SCI 6006
Database and Information Systems

2 units semester 1

2 lectures, 2 hours practical work a week, 1 tutorial a fortnight

prerequisite: COMP SCI 1009 Computer Science IB (Pass Div I) or Pass in COMP SCI 6003 Computer Science Concepts or Pass in both COMP SCI 1000 Engineering Programming IE and ELEC ENG 1004 Logic Design or, for B.Inf.Sc. students only, 1073 Programming and Applications I

restriction: cannot be counted with previously offered Databases and Information Systems

Characteristics of secondary storage media, Database algorithms for projection, selection, join, union, intersection, difference updating and grouping illustrated in Cobol. The use of SQL to create query databases. Implementation issues.

assessment: 2 hour exam (may have a practical component), practical work, written tutorials

COMP SCI 6007
Artificial Intelligence

3 units semester 1

2 lectures, 4 hours practical work a week

prerequisite: COMP SCI 1009 Computer Science IB (Pass Div I) or Pass in COMP SCI 6003 Computer Science Concepts or Pass in both COMP SCI 1000 Engineering Programming IE, ELEC ENG 1004 Logic Design

assumed knowledge: COMP SCI 2004 Data Structures and Algorithms

AI methodology and fundamentals: philosophy of AI, representation techniques, goal reduction. Search techniques: hill-climbing, beam, best-first, A*, game playing techniques with minimax and alpha-beta pruning. Learning: Winston's methods, neural networks. Rule based systems; forward and backward chaining methods. AI systems: ANALOGY, MYCIN, GPS, Xcon. Computer vision, evolutionary algorithms: genetic algorithms, evolution strategies, genetic programming.

assessment: 2 hour exam, compulsory project

COMP SCI 6008
Introduction to Software Engineering

2 units semester 2

2 lectures, 2 hours practical work a week; 1 tutorial a fortnight

prerequisite: COMP SCI 1009 Computer Science IB (Pass Div I) or Pass in both COMP SCI 1000 Engineering Programming IE, ELEC ENG 1004 Logic Design

assumed knowledge: COMP SCI 2004 Data Structures and Algorithms

Design: software design, UML notation, static models - identifying classes and associations, dynamic models - identifying states, events, transitions, use cases, mapping designs into code. Specification: the scope, role and styles of software specification. Testing: modes of testing, organising test suites. Human issues: managing object-oriented projects, ethics, professional practice.

assessment: 2 hour written exam, design and programming exercises

COMP SCI 6009
Advanced Programming Paradigms

3 units semester 2

2 lectures, 4 hours practical work a week, tutorial/ homework exercises every 3 weeks

prerequisite: COMP SCI 1009 Computer Science IB (Pass Div I) or Pass in COMP SCI 6003 Computer Science Concepts or Pass in both COMP SCI 1000 Engineering Programming IE, ELEC ENG 1004 Logic Design

assumed knowledge: COMP SCI 2004 Data Structures and Algorithms , COMP SCI 2001 Programming Paradigms , and COMP SCI 3002 Programming Techniques

A selection of topics from the following: advanced functional programming: polymorphic recursive functions; higher-order functions; software prototyping; programming in Scheme (a dialect of Lisp); streams and networks of processes; lazy and strict evaluation; coroutines in functional and imperative paradigms. Parallelism and concurrency. Object Oriented parallel and concurrent programming in Java. Issues of mutual exclusion and liveness; communication using message passing and shared memory, and data parallelism. An introduction to grid computing.

assessment: 2 hour exam, practicals, exercises

COMP SCI 6010

Knowledge Representation

3 units semester 1

2 lectures, 4 hours practical work a week, tutorial/homework exercises every 3 weeks

prerequisite: COMP SCI 1009 Computer Science IB (Pass Div I) or Pass in COMP SCI 6003 Computer Science Concepts or Pass in both COMP SCI 1000 Engineering Programming IE, ELEC ENG 1004 Logic Design

assumed knowledge: COMP SCI 2004 Data Structures and Algorithms

Intelligent Agents: agents that reason logically, knowledge acquisition, agents that use statistics, Bayesian networks, fuzzy logic; Expert Systems: rule-based systems, conflict resolution, explanations; Knowledge Representation: frames, predicate logic, inheritance, semantic nets, belief maintenance.

assessment: 2 hour exam, compulsory project

COMP SCI 6011

Numerical Analysis

3 units not offered in 2004

2 lectures, 4 hours practical work a week, tutorial/homework exercises every 3 weeks

prerequisite: COMP SCI 1009 Computer Science IB (Pass Div I) or Pass in COMP SCI 6003 Computer Science Concepts or Pass in both COMP SCI 1000 Engineering Programming IE, ELEC ENG 1004 Logic Design

assumed knowledge: COMP SCI 2003 Numerical Methods

This course deals with practical numerical computing techniques for solving problems that typically arise in computer applications, science and engineering. The emphasis is on practical methods and the issues that arise from them with reference to the principles for the engineering of numerical software. Students will learn to use the package Matlab which is used extensively in the course. The symbolic package Maple may also be used, but to a lesser extent. Topics include: condition and stability, analysis of algorithms, solution of linear systems of equations, the singular value decomposition in least squares data fitting and image compression, solution of systems of non-linear equations. Students will be required to undertake a programming project which develops a suite of methods applicable to the numerical solution of scientific problem.

assessment: 2 hour exam, compulsory project

COMP SCI 6012

Numerical Methods

2 units semester 2

2 lectures, 2 hours of practical work a week; 1 tutorial a fortnight

prerequisite: COMP SCI 1009 Computer Science IB (Pass Div I) or 7780 Computational Methods I (Pass Div I), or Pass in COMP SCI 6003 Computer Science Concepts; or Pass in both COMP SCI 1000 Engineering Programming IE and ELEC ENG 1004 Logic Design

assumed knowledge: MATHS 1007A/B Mathematics I or MATHS 1000A/B Mathematics IM

Floating point numbers; representation, subtractive cancellation, machine epsilon. Solution of non-linear equations by fixed point iteration methods. Interpolation and least squares, approximation of functions by polynomial and spline functions. Methods of numerical integration: simple and composite rules. Numerical solution of differential equations.

assessment: 2 hour exam, programming exercises

COMP SCI 6013

Open Systems and Client/Server Computing

3 units semester 2

2 lectures, 4 hours practical per week, tutorial/ homework exercises every 3 weeks

prerequisite: COMP SCI 1009 Computer Science IB (Pass Div I) or Pass in COMP SCI 6003 Computer Science Concepts or Pass in both COMP SCI 1000 Engineering Programming IE, ELEC ENG 1004 Logic Design

assumed knowledge: COMP SCI 2000 Computer Systems, COMP SCI 2004 Data Structures and Algorithms, COMP SCI 3001 Computer Networks and Applications; exposure to SQL programming such as would be gained from COMP SCI 2002 Database and Information Systems.

A selection of topics from the following: the challenges faced in constructing client/server software: partial system failures, multiple address spaces, absence of a single clock, latency of communication, heterogeneity, absence of a trusted operating system, system management, binding and naming. Techniques for

meeting these challenges: RPC and middleware, naming and directory services, distributed transaction processing, 'thin' clients, data replication, cryptographic security, mobile code.

assessment: 2 hour exam, compulsory project

COMP SCI 6014
Operating Systems

3 units semester 2

2 lectures, 4 hours practical work a week, tutorial/homework exercises every 3 weeks

prerequisite: COMP SCI 1009 Computer Science IB (Pass Div I) or Pass in COMP SCI 6003 Computer Science Concepts or Pass in both COMP SCI 1000 Engineering Programming IE, ELEC ENG 1004 Logic Design

assumed knowledge: COMP SCI 2000 Computer Systems and COMP SCI 2004 Data Structures and Algorithms

OS purposes: resource management and the extended virtual computer; historical development. Processes: critical sections and mutual exclusion, semaphores, monitors, classical problems, deadlock; process scheduling. Input and Output: hardware and software control. Memory management: multi-programming; swapping; virtual memory, paging and symbolic segmentation; File System: operations, implementation, performance. Protection mechanisms: protection domains, access lists, capability systems, principle of minimum privilege. Distributed systems: communication, RPC, synchronisation, distributed file systems, authentication.

assessment: 2 hour exam, compulsory project

COMP SCI 6015
Programming Paradigms

2 units semester 2

2 lectures, 2 hours practical work a week,1 tutorial a fortnight

prerequisite: COMP SCI 1009 Computer Science IB (Pass Div I) or Pass in COMP SCI 6003 Computer Science Concepts, or Pass in both COMP SCI 1000 Engineering Programming IE and ELEC ENG 1004 Logic Design

assumed knowledge: COM P SCI 2004 Data Structures and Algorithms

A study of three major programming approaches: imperative, functional, and logic Imperative paradigms: object binding, procedural abstraction, parameter passing mechanisms, activation record model. Functional paradigms: values, types, higher-order functions, polymorphism, lazy evaluation. Logic paradigms: Prolog, deductive engines, clauses, rules.

assessment: 2 hour exam, programming exercises

COMP SCI 6016
Programming Techniques

3 units semester 1

2 lectures, 4 hours practical work a week

prerequisite: COMP SCI 1009 Computer Science IB (Pass Div I) or Pass in COMP SCI 6003 Computer Science Concepts or Pass in both COMP SCI 1000 Engineering Programming IE, ELEC ENG 1004 Logic Design

assumed knowledge: COMP SCI 2004 Data Structures and Algorithms

restriction: cannot be counted with 1006 Programming and Data Structures B

Program development: methods of specification, design, implementations, testing and debugging, case studies, design patterns, Graphs: construction, traversal, topological sorting, application. Sorting and searching: internal and external algorithms, correctness and complexity analysis.

assessment: 2 hour exam, programming exercises

COMP SCI 6017
Software Engineering and Project

3 units semester 2

2 lectures, 4 hours practical work a week, tutorial/ homework exercises every 3 weeks

prerequisite: COMP SCI 1009 Computer Science IB (Pass Div I) or Pass in COMP SCI 6003 Computer Science Concepts or Pass in both COMP SCI 1000 Engineering Programming IE, ELEC ENG 1004 Logic Design

assumed knowledge: COMP SCI 3002 Programming Techniques, COMP SCI 2004 Data Structures and Algorithms

This course in software engineering provides an introduction to the production of high quality software solutions to large tasks. Among the topics covered in this course are the following: models of the software life-cycle, requirements analysis and specification, program design techniques and paradigms, software specification techniques, configuration management and version control, quality assurance, integration and testing, project management, computer-aided software engineering and integrated software engineering environments.

assessment: 2 hour exam, compulsory project

COMP SCI 6018

Systems Analysis and Project

3 units not offered in 2004

2 lectures, 4 hours practical work a week, tutorial/homework exercises every 3 weeks

prerequisite: COMP SCI 1009 Computer Science IB (Pass Div I) or Pass in COMP SCI 6003 Computer Science Concepts or Pass in both COMP SCI 1000 Engineering Programming IE, ELEC ENG 1004 Logic Design

assumed knowledge: COMP SCI 2004 Database and Information Systems

restriction: cannot be counted with 1116 Systems Analysis

Systems Analysis concerns designing computer systems that are useful and productive and satisfy the needs of users who are not computer literate. The course covers the following topics: applying psychological principles to the design of user interfaces, menus and dialogs; using discounted cash flow techniques to test whether a project is financially viable; designing databases that best model real world situations; modelling real world events as database transactions and histories; using design methodologies to decompose large systems into simple parts; techniques for making design decisions that optimise system performance.

The course includes a project, which is to build a prototype database and user interface, starting from informal specification by a client

COMP SCI 7049A/B

Software Engineering Project

9 units full year

175 hours practical work

To give students experience in the development of a large piece of software. The project involves the students solving a problem. They are expected to show independence, initiative and research skills. Writing skills are also examined through the writing of a detailed report. Projects are determined in consultation with a supervisor. This course is equivalent to the project that is undertaken as part of the honours degree in Computer Science.

assessment: software developed, written report

COMP SCI 7065A/B

Software Development Studio

6 units full year

project based

prerequisite 6263 Software Engineering and Project

To give the student experience in the management of an industrial project on the premises of an employer (either the student's employer, or a company which sponsors the student). It is the industry based equivalent of the course Software Management Project. The Studio provides an opportunity for students to apply the knowledge and skills gained in other programs as they synthesise a solution to a significant, realistic, and practical problem. Students work in teams to analyse the problem, plan a software development project, and implement a solution. After delivering a product, students evaluate the efficacy of their solution as used by customers. The work for the Studio is typically done for an outside customer who might well be the student's employer. The Studio teams work closely with staff (academic or industry) mentors during all phases of the project and periodically make presentations about the technical work and process issues. These presentations are attended by customers, academic staff, industry participants and other experts. Students are encouraged to gain knowledge about how they solve software problems through the application of 'reflective practice' in which students not only do the work, but assist in managing the process and analyse how it was done.

assessment: performance and quality of delivered materials (software and documentation) in the project as determined by academic staff, peers in the team they managed and their employer

COMP SCI 7066

Advanced Software Engineering

2 units semester 1

65 hours practical work

prerequisite 6263 Software Engineering and Project

The aim of the course is to give students an understanding of the tools and techniques required to engineer software in a team-based environment. It concentrates on the technology used by industry to deal with software development in a timely and cost-effective manner. Content: software metrics, cleanroom software engineering, CASE tools, re-engineering, reuse, configuration management and version control. software standards, defect analysis and detection.

assessment: 2 hours exam

COMP SCI 7074

Software Management Project

3 units semester 2

project based

prerequisite 6263 Software Engineering and Project

To give the students experience with managing the software process and a group of people building a software product. Students are required to go through the process of preparing a bid for a contract and developing appropriate documentation which may be required by the management of the company or through legal requirements, as well as documentation to accompany the delivered software. Cost accounting techniques are employed to track the

development of the software and to identify the real cost of developing the software.

assessment: documentation submitted, peer review from undergraduate students in the team

COMP SCI 7077

System Modelling & Simulation

3 units semester 1

1 x 2 hour lecture per week

prerequisite: to be advised

The course will present techniques for the modelling and simulation of complex systems using a variety of methods and software tools.

assessment: assignments, written exam

CORPORATE FINANCE

CORPFIN 7003

Business Finance (M)

3 units semester 1 and 2

2 lectures, 1 tutorial per week

assumed knowledge: ACCTING 7000 Accounting and Decision Making (M), ECON 7200 Economic Principles (M), COMMERCE 7033 Quantitative Methods (M)

Objective: to examine a firm's investment, financing and distribution decisions in the context of a capital market and efficiency of market structures.

Topics: methods for valuing projects and securities, simple asset pricing models for determining the cost of capital, elementary capital structure theorems, dividend decision analysis, dividend imputation system, working capital management, valuation of leases, and elements of risk management involving futures and options.

assessment: assignments and exam as determined at first lecture

CORPFIN 7019

Portfolio Theory and Management (M)

3 units not offered in 2004

2 lectures, 1 tutorial per week

assumed knowledge: COMMERCE 7005 Principles of Finance

Objective: to identify investments that are available and those mandated in the context of managed funds, and to apply CAPM and APT theories to the pricing of risky assets.

Topics: simple asset allocation techniques, hedging strategies using derivative securities, the theory of bond pricing, techniques in fixed interest portfolio management, international portfolio management, and financial planning.

assessment: assignments and exam as determined at first lecture

CORPFIN 7020

Options, Futures and Risk Management (M)

3 units semester 2

2 lectures, 1 tutorial per week

assumed knowledge: COMMERCE 7005 Principles of Finance

Objective: to examine futures and options markets and the different ways they are used.

Topics: simple market relationships for no arbitrage opportunities, dealing strategies and their applications to hedging and risk management, the binomial distribution and Black and Scholes approach to pricing of standard options, stock indices, currencies, futures markets and options, other derivatives, and corporate hedging practices.

assessment: assignments and exam as determined at first lecture

CORPFIN 7021

Corporate Investment and Strategy (M)

3 units not offered in 2004

2 lectures, 1 tutorial per week

assumed knowledge: COMMERCE 7005 Principles of Finance

Objective: to develop corporate investment valuation models and investment management strategies.

Topics: determining sustainable growth, equity valuation models including measuring growth opportunities, investment strategies including corporate risk management, recognising real options, corporate taxation, mergers & acquisitions, economic value added, corporate governance including executive compensation and international corporate finance.

assessment: assignments/tests, exam as determined at first lecture

CORPFIN 7022

Corporate Finance Theory (M)

3 units semester 2

2 lectures, 1 tutorial per week

assumed knowledge: COMMERCE 7005 Principles of Finance

Objective: to gain an appreciation of the theoretical controversies surrounding corporate finance policies, leading to formulation of financing strategies.

Topics: competing capital structure theories including financial distress and agency costs, dividend policy and taxation, IPOs in both

debt and equity markets, motives for convertibles and warrants, valuing real options, rationales for corporate diversification including internal capital markets and agency theory.

assessment: assignments/tests, exam as determined at first lecture

CORPFIN 7039

Equity Evaluation and Analysis (M)

3 units semester 1

3 hour seminar per week

assumed knowledge: ACCTING 7000 Accounting and Decision Making (M), COMMERCE 7005 Principles of Finance

Objective: to analyse companies from a fundamental perspective in order to derive an intrinsic value for stock. Topics: Fundamental analysis, determination of growth, discount cash flows models including dividend discount models, free cash flow models and residual income models; relative valuation models including price-earnings and price-book multiples; valuation of private companies, start up companies, companies with negative earnings and mergers and acquisitions.

assessment: assignments and exam as determined at first seminar

CORPFIN 7040

Fixed Income Securities (M)

3 units semester 1

3 hour seminar per week

assumed knowledge: at least two courses at finance specialisation level

Objective: to examine the valuation of fixed-income securities. Topics: pricing of bonds and interest rate changes, the term structure of interest rates, the varieties of debt instruments, types of risk including default and country risk, immunisation strategies, institutional aspects of the fixed income market including credit ratings.

assessment: assignments and exam as determined at first seminar

CORPFIN 7042

Treasury and Financial Risk Management (M)

3 units semester 2

3 hour seminar per week

assumed knowledge: at least two courses at finance specialisation level

Objective: to examine the process and instruments used in treasury management and their application in hedging risk and creating risk profiles. Topics: money market instruments and management including yield curve, convexity and price value of basis point, bond portfolio management, bond hedging and trading; derivatives including futures, interest rate swaps, currency swaps, credit derivatives;; the management of market, credit, liquidity and operations risks, and computing the value of risk. These issues are examined from the view point of both financial and non-financial organisations.

assessment: assignments and exam as determined at first seminar

DENTISTRY

DENT 6001HO

Contemporary Dental Practice

6 units

eligibility: Graduate Certificate in Dentistry students only

An external study mode course which aims to review and update current concepts in: advanced restorative; basic restorative; behavioural science; community dentistry; dental materials; endodontics; implants; infection control; oral medicine; oral pathology; oral surgery; orthodontics, pain control; pedodontics; periodontics; pharmacology; preventive dentistry; radiology; removable prosthodontics; TMJ dysfunction.

assessment: multiple choice questions, short or long essay papers, two interviews

DENT 6003HO

Basic and Applied Dental Sciences

2 units semester 2

prerequisite: 6004HO Research Methods and Ethics

eligibility: Graduate Certificate in Dentistry and Graduate Diploma in Forensic Odontology students only

The course of seminars aims to provide postgraduate students with a broad appreciation of current knowledge in the basic and applied dental sciences, and to enable them to become acquainted with research programs within the Dental School.

assessment: essay and seminar participation

DENT 6004HO

Research Methods and Ethics

2 units semester 2

eligibility: Graduate Diploma in Clinical Dentistry and Graduate Diploma in Forensic Odontology students only

The course of seminars provides an appreciation of the scientific method and of ethics as well as practical aspects of biostatistics, experimental design, research methodology, laboratory safety and infection control, use of computers and bibliographic databases, preparation of initial research proposal, evaluation of research papers, scientific writing and presentation of research findings.

Where possible, the material presented will be selected to meet the specific requirements of the students enrolled.

assessment: short test in biostatistics, evaluation of short written critique of given scientific paper

DENT 6006AHO

Anatomy and Forensic Anthropology Part 1

DENT 6006BHO

Anatomy and Forensic Anthropology Part 2

4 units full year

eligibility: Graduate Diploma in Forensic Odontology students only

This course looks at the scope and history of physical anthropology generally and in South Australia. Areas covered include osteology of the skull, comparative anatomy and evolution of head form and the masticatory system as well as principles and methodology for study of human growth and development,craniofacial growth and development and normal age changes,human and dental genetics,craniofacial malformations and paleopathology, somatometry, craniometry and cephalometry with emphasis on new imaging techniques,osteology of race and disaster victim identification including cultural factors, management and international protocol.

assessment: essay and seminar participation

DENT 6008AHO

Casework in Forensic Odontology Part 1

DENT 6008BHO

Casework in Forensic Odontology Part 2

8 units full year

eligibility: Graduate Diploma in Forensic Odontology students only

Supervision as required

The course will require students to participate in routine casework undertaken by the Forensic Odontology Unit including attendance at Coroner's mortuary and Courts of Law. Students will undertake a small research project in an approved topic.

assessment: essay and seminar participation

DENT 6010AHO

Oral and Forensic Pathology Part 1

DENT 6010BHO

Oral and Forensic Pathology Part 2

4 units full year

2 hour seminar per week

eligibility: Graduate Diploma in Forensic Odontology students only

This course introduces general principles of forensic pathology. Emphasis is given to diagnosis and time of death, rigor mortis, time since death, age at death. Methods of forensic pathology examinations and identification of the dead are introduced including medical identification, injuries, serology and DNA identification. Age determination by dental methods and dental histopathology.

assessment: essay and seminar participation

DENT 6012AHO

Principles and Methods of Forensic Odontology Part 1

DENT 6012BHO

Principles and Methods of Forensic Odontology Part 2

4 units full year

2 hour seminar per week

eligibility: Graduate Diploma in Forensic Odontology students only

History and role of forensic odontology in community dentistry. Legal systems and role and jurisdiction of courts of law. The coronial system and practice of the Coroner's Office. Expert evidence. Methods of investigation of civil and criminal matters. Relationship of police to forensic odontology. Preservation and recovery of dental evidence from scene. Forensic dental photography. Principles and techniques of video and computer imaging in cranio facial superimposition. Procedures for investigation of bitemarks.

DENT 6021HO

Adhesive Dentistry C

2 units

eligibility: Graduate Certificate in Dentistry students only

This course covers in detail the theory and techniques applying to mechanisms of adhesion of materials to teeth and the reasons for success or failure.

assessment: satisfactory participation in technical projects, seminar performance

DENT 6022HO

Advanced Restorative Dentistry C

2 units

eligibility: Graduate Certificate in Dentistry students only

This course covers recent trends in crown and bridge work and the dental materials related to the area. Topics covered include diagnosis and treatment planning for crown and bridge work, design of preparations, occlusion, impression materials, recording inter-maxillary relationships, fabrication and cementation of temporary restorations and selection and manipulation of crown and bridge cements.

assessment: seminar performance, technique work

DENT 6023HO

Endodontics C

2 units

eligibility: Graduate Certificate in Dentistry students only

This course covers the diagnosis of pulpal and periapical conditions, emergency treatment procedures, vital pulp therapy and non vital pulp therapy. Areas covered include consideration of microbiological and immunological aspects, instrumentation, medication and root filling techniques. Periapical surgery management of traumatic injuries bleaching and apification will also be included.

assessment: seminar performance, technique work

DENT 6024HO

High Risk Caries C

2 units

eligibility: Graduate Certificate in Dentistry students only

This course covers the assessment of oral disease and related problems, identification of prevention and control measures, selection of appropriate measures and evaluation of the results.

assessment: seminar performance, clinical work

DENT 6025HO

Implantology C

2 units

eligibility: Graduate Certificate in Dentistry students only

This course covers the basic principles of osseointegration for single tooth treatment, treatment of edentulous ridges and the assessment of sites for implant placement.

assessment: seminar performance, open learning

DENT 6026HO

Occlusion/TMJ Dysfunction C

2 units

eligibility: Graduate Certificate in Dentistry students only

This course is designed to update the general and specialist practitioner on current concepts of craniomadibular disorders. The course will cover the sequellae of masticatory muscle hyperactivity and the progression from myogenous to arthrogenous dysfunction.

assessment: seminar performance, clinical work

DENT 6027HO

Oral Pathology-Oral Medicine C

2 units

eligibility: Graduate Certificate in Dentistry students only

This course reviews common and/or important topics in Oral Pathology and demonstrates their laboratory and clinical applications. The course is a combination of review presentations, seminars and clinical demonstrations.

Participants will be sent reading materials prior to the course. Prior completion of the Oral Pathology Study Module will be an advantage to candidates. Participants will be asked to bring along interesting or problem cases for discussion.

assessment: seminar performance, satisfactory attendance/ performance in clinical sessions, any assigned work

DENT 6028HO

Oral Surgery C

2 units

eligibility: Graduate Certificate in Dentistry students only

The course covers academic and clinical aspects of modern dento-alveolar surgery relevant to general dental practitioners including removal of teeth.

assessment: seminar performance, clinical work

DENT 6029HO

Orthodontics C

2 units

eligibility: Graduate Certificate in Dentistry students only

This course covers the principles of examination and orthodontic diagnosis on patients which includes the use of cephalometrics and radiology, the properties and uses of orthodontic materials and clinical orthodontic treatment, particularly with removable appliances.

assessment: seminar performance, open learning

DENT 6030HO

Periodontics C

2 units

eligibility: Graduate Certificate in Dentistry students only

This course is aimed for the general practitioner wishing to upgrade skills in diagnosis, treatment planning and simple surgical procedures, including frenectomies and grafts and use of gortex membranes where applicable.

assessment: seminar performance, clinical work

DENT 6031HO

Removable Prosthodontics Full C

2 units

eligibility: Graduate Certificate in Dentistry students only

This course covers at an advanced level the management of edentulous patients. Students will undertake diagnosis and treatment planning for complete and immediate dentures.

assessment: seminar performance, clinical work

DENT 6032HO

Removable Prosthodontics Partial C

2 units

eligibility: Graduate Certificate in Dentistry students only

This course covers at an advanced level the management of partially edentulous patients. Students will undertake diagnosis and treatment planning for removable partial dentures.

assessment: seminar performance, clinical work

DENT 6033HO

Special Patient Care C

2 units

eligibility: Graduate Certificate in Dentistry students only

This course deals with clinical management of physically, intellectually and medically compromised patients. Students will learn broad principles of treatment relating to patients who have haemophilia, head and neck tumours, organ transplants and HIV/AIDS and the management of patients with physical and intellectual disabilities.

assessment: seminar performance, open learning

DENT 6034HO

Dental Wear C

2 units

eligibility: Graduate Certificate in Dentistry students only

This course will involve an interdisciplinary approach to the worn dentition and will aim to help the general practitioner to identify clinically and fully understand the nature of different wear mechanisms that act on teeth and restorative materials. The focus will be on how to clinically assess patients. Participants will be brought up to date with current research. Case presentation and seminar participation will be part of the course.

DENT 6055AHO

Advanced Dental Selective Part 1

DENT 6055BHO

Advanced Dental Selective Part 2

eligibility: Graduate Diploma in Clinical Dentistry students only

This course offers candidates the opportunity to undertake advanced dental studies in a number of areas. It can include completion of an essay, development of a website, preparation for the Royal Australasian College of Dental Surgeons Primary Examination or other approved selective projects.

assessment: satisfactory completion of the chosen project

DENT 6056AHO

Advanced Dental Studies Part 1

DENT 6056BHO

Advanced Dental Studies Part 2

eligibility: Graduate Diploma in Clinical Dentistry students only

To satisfactorily complete this course, candidates will be required to undertake either a small research project under supervision, or complete an alternative assignment(s) approved by the Graduate School Advisory Board.

assessment: satisfactory completion of research report or satisfactory completion of the chosen project

DENT 6057AHO

Advanced Clinical Studies Part 1

DENT 6057BHO

Advanced Clinical Studies Part 2

eligibility: Graduate Diploma in Clinical Dentistry students only

This course provides hands on experience in a number of clinical areas under the supervision of experienced clinicians in these areas. Seminar participation is required.

assessment: ongoing assessment, patient presentations and viva voca examinations

DENT 7120AHO

General Dental Practice VII Part 1

DENT 7120BHO

General Dental Practice VII Part 2

eligibility: Master of Dental Surgery students only

Advanced clinical experience of the comprehensive management of patients, based upon the coordination of skills from individual disciplines. Seminars and clinical tutorials explore a wide range of topics relating to general practice at the Masters level. Emphasis is placed on treatment planning, reviews of completed treatments and prognosis.

DENT 7150HO

Dental Public Health

3 units semester 2

*eligibility:*Grad Cert, Grad Dip and Master of Public Health students

This course is designed to suit students requiring specific understanding of dental public health. The course will focus on (a) the assessment of various oral disease levels and related problems, identification of prevention and control measures, selection and implementation of appropriate measures and evaluation of the results; (b) the structure of existing dental care programs, the coverage of the community and integration and organisation of all types of dental resources including the supply, distribution and utilisation of dental personnel, facilities and funds.

assessment: to be advised

DENT 8001AHO

Research Methods, Experimental Design and Ethics Part 1

DENT 8001BHO

Research Methods, Experimental Design and Ethics Part 2

4 units full year

1 hour per week

eligibility: Doctor of Clinical Dentistry students only

The course of seminars provides an appreciation of the scientific method, and of ethics approval procedures, as well as practical aspects of biostatistics, experimental design, research methodology, laboratory safety and infection control, use of computers, internet, and bibliographic databases, preparation of Research Proposal, evaluation of clinical and research papers, scientific writing, and presentation of research findings. Where possible, the material presented will be selected to meet the specific requirements of the students enrolled, and the theory of evidence-based dentistry will be introduced.

assessment: short test in biostatistics, evaluation of short written critique of given scientific paper; presentation of research protocol

DENT 8002AHO

Common Topics in Dental Clinical Science Part 1

DENT 8002BHO

Common Topics in Dental Clinical Science Part 2

4 units full year

1 hour per week

eligibility: Doctor of Clinical Dentistry students only

prerequisite: DENT 8001A/BHO Research Methods, Experimental Design and Ethics

The course of lectures and seminars aims to provide postgraduate students with a broad appreciation of current knowledge in applied dental sciences, particularly topics in specialised areas peripheral to the candidate's field of study. Such topics will include hard tissue resorption, temporomandibular joint, the periodontium, inflammation, behavioural science, oncology, teaching techniques, etc.

assessment: essay on a topic presented during the series

DENT 8003AHO

Interdisciplinary Seminars in Clin Dentistry Pt 1

DENT 8003BHO

Interdisciplinary Seminars in Clin Dentistry Pt 2

0 units full year

1 hour per week

eligibility: Doctor of Clinical Dentistry students only

prerequisite: DENT 8002A/BHO Common topics in Dental Clinical Science

The course of seminars and case presentations aims to provide postgraduate students with a broad appreciation of current knowledge in other specialty areas, using topics and cases requiring a specialised, interdisciplinary approach. Special emphasis will be given to analysis of cases using an evidence based approach (see DENT 8001AHO/BHO Research Methods, Experimental Design and Ethics).

assessment: presentation of clinical case

DENT 8004HO

Doctor of Clinical Dentistry Research A

6 units semester 1 or 2

10 hours per week

eligibility: Doctor of Clinical Dentistry students only

Students will undertake a research project related to the discipline named on the degree.

assessment: demonstration of progress within research project; submission of research proposal.

DENT 8005HO

Doctor of Clinical Dentistry Research B

6 units semester 1 or 2

10 hours per week

eligibility: Doctor of Clinical Dentistry students only

prerequisite: DENT 8004HO Doctor of Clinical Dentistry Research A

Students will continue a research project related to the discipline named on the degree.

assessment: demonstration of progress within research project, completion of literature review.

DENT 8006HO

Doctor of Clinical Dentistry Research C

6 units semester 1 or 2

10 hours per week

eligibility: Doctor of Clinical Dentistry students only

prerequisite: DENT 8005HO Doctor of Clinical Dentistry Research B

Students will continue a research project related to the discipline named on the degree.

assessment: demonstration of progress within research project, completion of experimental work.

DENT 8007HO

Doctor of Clinical Dentistry Research D

6 units semester 1 or 2

10 hours per week

eligibility: Doctor of Clinical Dentistry students only

prerequisite: DENT 8006HO Doctor of Clinical Dentistry Research C

Students will continue a research project related to the discipline named on the degree.

DENT 8010AHO

Specialist Clin DentMaxFacial Radiology VI Pt 1

DENT 8010BHO

Specialist Clin DentMaxFacial Radiology VI Pt 2

8 units full year

eligibility: Doctor of Clinical Dentistry students only

corequisite: DENT 8001A/BHO Research Methods, Experimental Design and Ethics

The range of knowledge required to pursue specialist training in Dento-Maxillo-Facial Radiology can be divided into 4 sections: Basic physics and equipment: the production of xrays, their properties and interactions which result in the formation of a radiographic image; Radiation protection: the protection of patients and dental staff from the harmful effects of xrays; Radiography: the techniques involved in producing the various radiographic images; Radiography: the interpretation of these radiographic images.

The course comprises advanced aspects of dental radiology, including biological sciences, radiological sciences, radiography and radiology with advanced work being undertaken in the related disciplines of oral pathology, oral diagnosis and oral medicine. Students will attend radiology clinics in the Adelaide Dental Hospital, Royal Adelaide Hospital, Flinders Medical Centre as well as private clinics.

DENT 8011AHO

Specialist Clin DentMaxFacial Radiology VII Pt 1

DENT 8011BHO

Specialist Clin DentMaxFacial Radiology VII Pt 2

8 units full year

eligibility: Doctor of Clinical Dentistry students only

prerequisite: DENT 8010A/BHO Specialist Clinical Dento-Maxillo-Facial Radiology VI

DENT 8012AHO

Specialist Clin DentMaxFacial Radiology VIII Pt 1

DENT 8012BHO

Specialist Clin DentMaxFacial Radiology VIII Pt 2

24 units full year

eligibility: Doctor of Clinical Dentistry students only

prerequisite: DENT 8011AHO/BHO Specialist Clinical Dento-Maxillo-Facial Radiology VII

See DENT 8010 Specialist Clinical Dento-Maxillo-Facial Radiology VI for syllabus details.

DENT 8020AHO

Specialist Clinical Endodontics VI Part 1

DENT 8020BHO

Specialist Clinical Endodontics VI Part 2

8 units full year

eligibility: Doctor of Clinical Dentistry students only

corequisite: DENT 8001A/BHO Research Methods, Experimental Design and Ethics

The course aims at fulfilling the requirements for graduate education as laid down in guidelines published by the Australian Society of Endodontology. The training program provides knowledge and experience in: patient assessment, differential diagnosis of pulp and periradicular pathology; local anaesthesia and sedation; endodontic isolation; biological aspects of endodontics; chemo-mechanical preparation of root canals including applied pharmacology and therapeutics; endodontic materials, instruments and equipment; root canal filling techniques; evaluation of previous endodontic treatment; vital pulp therapies, and endodontic management by conservative and surgical techniques of pulpless teeth with

associated periapical pathology; management of endodontic emergencies particularly the diagnosis; replantation and transplantation of teeth and their subsequent treatment; aetiology and treatment of apical, external and internal tooth resorptive defects; management of root perforations; methods of restoring endodontically treated teeth including discoloured teeth; compromise endodontic procedures and management of the medically compromised patient. History of the discipline and detailed dento-legal reporting will also be emphasised, as will the relationship of endodontics to other clinical disciplines.

DENT 8021AHO

Specialist Clinical Endodontics VII Part 1

DENT 8021BHO

Specialist Clinical Endodontics VII Part 2

8 units full year

eligibility: Doctor of Clinical Dentistry students only

prerequisite: DENT 8020A/BHO Specialist Clinical Endodontics VI

See Specialist Clinical Endodontics VI for syllabus details.

DENT 8022AHO

Specialist Clinical Endodontic VIII Part 1

DENT 8022BHO

Specialist Clinical Endodontic VIII Part 2

24 units full year

eligibility: Doctor of Clinical Dentistry students only

prerequisite: DENT 8021AHO/BHO Specialist Clinical Endodontics VII

See Specialist Clinical Endodontics VI for syllabus details.

DENT 8030AHO

Specialist Clinical Forensic Odontology VI Pt 1

DENT 8030BHO

Specialist Clinical Forensic Odontology VI Pt 2

8 units full year

eligibility: Doctor of Clinical Dentistry students only

corequisite: DENT 8001A/BHO Research Methods, Experimental Design and Ethics

Course outline: History of forensic odontology. International legal systems and the coronial system. Relationship of the police to the practice of forensic odontology. Methods of investigation of civil and criminal matters. Preservation and recovery of dental evidence including forensic dental photography. Dental autopsy techniques and principles and practices of forensic dental identification. Interpretation of dental records. Single and multiple victim identification emphasising management, international protocols and cultural aspects. Computerisation in dental identification. Alternate methods of dental identification, including video and computer imaging in cranio-facial video superimposition. General principles of forensic pathology with emphasis on time of death, time since death, autopsy techniques and injury assessment. Interdisciplinary nature of forensic specialities. The scope and history of physical anthropology. Osteology and anatomy of the skull and face. Comparative anatomy and evolution. The importance of anthropology in disaster victim identification. General principles of oral pathology with particular emphasis on the structure of human skin, patterns of injury and healing. Analysis of biting patterns and forces of the masticatory system. Collection and preservation of bitemark evidence. Principles and techniques of bite mark investigations. Forensic report writing. Presentation of evidence in court. Occupational health and safety. Public speaking and community education in forensic odontology

DENT 8031AHO

Specialist Clinical Forensic Odontology VII Pt 1

DENT 8031BHO

Specialist Clinical Forensic Odontology VII Pt 2

8 units full year

eligibility: Doctor of Clinical Dentistry students only

prerequisite: DENT 8030AHO/BHO Specialist Clinical Forensic Odontology VI

See Specialist Forensic Odontology VI for syllabus details.

DENT 8032AHO

Specialist Clinical Forensic Odontology VIII Pt 1

DENT 8032BHO

Specialist Clinical Forensic Odontology VIII Pt 2

24 units full year

eligibility: Doctor of Clinical Dentistry students only

prerequisite: DENT 8031AHO/BHO Specialist Clinical Forensic Odontology

See Specialist Clinical Forensic Odontology VI for syllabus details.

DENT 8040AHO

Advanced General Dental Practice VI Part 1

DENT 8040BHO

Advanced General Dental Practice VI Part 2

8 units full year

eligibility: Doctor of Clinical Dentistry students only

corequisite: DENT 8001AHO/BHO Research Methods, Experimental Design and Ethics

The course consists of an advanced clinical experience in the comprehensive management of patients, based upon the coordination of skills from individual disciplines. Seminars and clinical tutorials explore a wide range of topics relating to general practice at the Specialist level. Emphasis is placed on treatment planning, case presentations, reviews of completed treatments and prognosis. Candidates will also be required to attend seminars in other clinical specialist disciplines including paediatric dentistry, prosthodontics, oral medicine, oral and maxillofacial surgery, periodontics, and endodontics.

DENT 8041AHO

Advanced General Dental Practice VII Part 1

DENT 8041BHO

Advanced General Dental Practice VII Part 2

8 units full year

eligibility: Doctor of Clinical Dentistry students only

prerequisite: DENT 8040AHO/BHO Advanced General Dental Practice VI

See Advanced General Dental Practice VI for syllabus details.

DENT 8042AHO

Advanced General Dental Practice VIII Part 1

DENT 8042BHO

Advanced General Dental Practice VIII Part 2

24 units full year

eligibility: Doctor of Clinical Dentistry students only

prerequisite: DENT 8041AHO/BHO Advanced General Dental Practice VII

See Advanced General Dental Practice VI for syllabus details.

DENT 8050AHO

Specialist Oral and Maxillofacial Surg. VI Pt 1

DENT 8050BHO

Specialist Oral and Maxillofacial Surg. VI Pt 2

8 units full year

eligibility: Doctor of Clinical Dentistry students only

prerequisite: successful completion of the Primary Examinations of the Royal Australian College of Dental Surgeons, appointment to a clinical training post, and satisfactory progress with employment at the Royal Adelaide Hospital.

corequisite: DENT 8001A/BHO Research Methods, Experimental Design and Ethics

The course is designed to teach outpatient and inpatient clinical skills in oral and maxillofacial surgery to the basic surgical science levels. Students initially embark upon a course of study which bridges the teaching of anatomy between the undergraduate program for dentistry and medicine, in particular below clavical gross anatomy. Students are introduced to skills of medical practice, the scientific study of the processes of disease states and the ethics of medicine. Emphasis will be placed on the acquisition of skills in clinical interviewing and communication as well as those required to elicit and record a clinical history and to perform a physical examination. Clinical data gathered at the bedside is to be interpreted in the context of a scientific understanding of the aetiology, pathophysiology and prognosis of common disease processes, aided where appropriate by information derived from laboratory and other diagnostic investigations. In the study of biomedical ethics, the student will be equipped with the conceptual tools to think clearly about ethical problems and reach sound ethical judgements in a clinical context. This course is usually taken over two years.

DENT 8051AHO

Specialist Oral and Maxillofacial Surg. VII Pt 1

DENT 8051BHO

Specialist Oral and Maxillofacial Surg. VII Pt 2

8 units full year

eligibility: Doctor of Clinical Dentistry students only

prerequisite: DENT 8050A/BHO Specialist Oral & Maxillofacial Surgery VI; MBBS AND BDS degrees.

The course covers all academic and clinical aspects of modern Oral and Maxillofacial Surgery. This includes dento alveolar surgery, maxillofacial injuries, preprosthetic surgery including implants, orthognathic surgery, temporomandibular joint surgery and aspects of cleft surgery and head and neck oncology.

DENT 8052AHO

Specialist Oral and Maxillofacial Surg. VIII Pt 1

DENT 8052BHO

Specialist Oral and Maxillofacial Surg. VIII Pt 2

24 units full year

eligibility: Doctor of Clinical Dentistry students only

prerequisite: DENT 8051A/BHO Specialist Oral & Maxillofacial Surgery VII

See Specialist Oral & Maxillofacial Surgery VI for syllabus details.

DENT 8060AHO

Specialist Oral Medicine VI Part 1

DENT 8060BHO

Specialist Oral Medicine VI Part 2

8 units full year

eligibility: Doctor of Clinical Dentistry students only

corequisite: DENT 8001A/BHO Research Methods, Experimental Design and Ethics

Oral Medicine is that specialty in dentistry concerned with the diagnosis and non-surgical management of medically related disorders or conditions affecting the oral and maxillofacial region.

The main objective of this course is to provide students with sufficient knowledge of systemic and oral diseases to enable them to: become competent in recognising the various forms of oral diseases; modify the dental treatments of medically compromised patients; understand the relationships of systemic diseases to the oral cavity, and related tissues; effectively utilise the various diagnostic procedures available; become familiar with the principles of the scientific method as it applies to the practice of dentistry; be knowledgeable about public health hazards and their management in dental practice; understand the occlusal, neuromuscular; articular components of mandibular function; diagnose and non surgically manage orofacial pain and temporomandibular disorders; manage primary oral mucosal diseases and oral mucosal manifestations of systemic diseases.

Specifically, candidates will study the anatomy of the head and neck, the histology and physiology of oral tissues, and basic principles in pathology and immunology. Participation in basic oral histopathology tutorials will be required throughout the course. The clinical component in this first year will consist of introductory oral medicine clinical sessions and related activities.

DENT 8061AHO

Specialist Oral Medicine VII Part 1

DENT 8061BHO

Specialist Oral Medicine VII Part 2

8 units full year

eligibility: Doctor of Clinical Dentistry students only

prerequisite: DENT 8060A/BHO Specialist Oral Medicine VI

Students will continue studies outlined in Specialist Oral Medicine VI, and also undertake instruction in diagnostic imaging, pain control, biopsy techniques, clinical oral medicine, and management of the medically compromised patient. Candidates will also be required to attend weekly Head and Neck cancer clinics, oral histopathology seminars, as well as seminars in specific oral pathology topics. Study of the pathology and management of disease in core body systems will be commenced.

DENT 8062AHO

Specialist Oral Medicine VIII Part 1

DENT 8062BHO

Specialist Oral Medicine VIII Part 2

24 units full year

eligibility: Doctor of Clinical Dentistry students only

prerequisite: DENT 8061A/BHO Specialist Oral Medicine VII

This component of the program builds on the skills and knowledge acquired in the Specialist Oral Medicine VII at a more advanced clinical level. Students will also be required to undertake Clinico - Pathological case presentations; to study the management of temporomandibular joint disorders; and to undertake further rotations in haematology, immunology, clinical chemistry, and dermatology.

DENT 8070AHO

Specialist Oral Pathology VI Part 1

DENT 8070BHO

Specialist Oral Pathology VI Part 2

8 units full year

corequisite: DENT 8001A/BHO Research Methods, Experimental Design and Ethics

This course deals with the systematic pathology and histopathology of the oral mucosa, the jawbones, the salivary glands, the temporomandibular joint, the maxillary sinus, the teeth, cancer of the oral region and odontogenic tumours. Candidates are involved in general pathology and all facets of diagnostic oral histopathology. Candidates will also have rotations and attend seminars at the Institute of Medical and Veterinary Sciences (IMVS). At the completion of the course the student will be a competent diagnostician with comprehensive knowledge of all aspects of diagnostic oral histpathology.

Specifically, candidates in their first year will study the histology and physiology of oral tissues, and the histology of major organs. Basic principles in pathology and immunology will be reinforced by attendance at lectures and submission of relevant essays. Students will also study basic systematic general histopathology using appropriate slide sets and other resources. In their first year, candidates will also commence instruction in basic oral histopathology diagnosis.

DENT 8071AHO

Specialist Oral Pathology VII Part 1

DENT 8071BHO

Specialist Oral Pathology VII Part 2

8 units full year

eligibility: Doctor of Clinical Dentistry students only

prerequisite: DENT 8070A/BHO Specialist Oral Pathology VI

In addition to continuing attendance at diagnostic general and oral histopathology seminars described in Specialist Oral Pathology VI, candidates will also undertake additional IMVS rotations in immunohistochemistry, cytology, and general anatomic pathology. Students will commence writing formal diagnostic histopathology reports, and continue to review archival and current oral histopathological diagnostic cases. Reporting on general pathology cases will be introduced, and candidates will be expected to present seminars on specific oral pathology topics.

DENT 8072AHO

Specialist Oral Pathology VIII Part 1

DENT 8072BHO

Specialist Oral Pathology VIII Part 2

24 units full year

eligibility: Doctor of Clinical Dentistry students only

prerequisite: DENT 8071A/BHO Specialist Oral Pathology VII

This component of the program builds on the skills and knowledge acquired in the Specialist Oral Pathology VII course at a more advanced level in terms of case load and diagnostic expertise. Furthermore, candidates will undertake a series of rotations including autopsy procedures and diagnostic electron microscopy, and study advanced topics in histopathology.

DENT 8080AHO

Specialist Orthodontics VI Part 1

DENT 8080BHO

Specialist Orthodontics VI Part 2

8 units full year

eligibility: Doctor of Clinical Dentistry students only

corequisite: DENT 8001A/BHO Research Methods, Experimental Design and Ethics

Normal growth changes of the body in general, and of the craniofacial complex in particular, with reference to growth of the jaws, eruption of the teeth and development of normal occlusion. Applied anatomy of the head and neck with special reference to the temporomandibular joint and to the muscles that attach directly and indirectly to the mandible. The physiology of the stomatognathic system, and in particular the physiology of sucking, mastication, deglutition, respiration and phonation, and the effect that soft tissues have on the developing occlusion. A study of growth and development, encompassing embryology, histology, genetics, anthropology and oral pathology. The principles of examination and orthodontic diagnosis on patients, which involves cephalometrics and radiology. A detailed study of the periodontium and its reaction to orthodontic tooth movement. The properties and uses of orthodontic materials. Cleft palate and other dento-facial deformities and their surgical management. Clinical orthodontic treatment with removable and fixed appliances, including Begg and Edgewise techniques, is a major component.

DENT 8081AHO

Specialist Orthodontics VII Part 1

DENT 8081BHO

Specialist Orthodontics VII Part 2

8 units full year

eligibility: Doctor of Clinical Dentistry students only

prerequisite: DENT 8080A/BHO Specialist Orthodontics VI

See Specialist Orthodontics VI for syllabus details.

DENT 8082AHO

Specialist Orthodontics VIII Part 1

DENT 8082BHO

Specialist Orthodontics VIII Part 2

24 units full year

eligibility: Doctor of Clinical Dentistry students only

prerequisite: DENT 8081A/BHO Specialist Orthodontics VII

See Specialist Orthodontics VI for syllabus details.

DENT 8090AHO

Specialist Paediatric Dentistry VI Part 1

DENT 8090BHO

Specialist Paediatric Dentistry VI Part 2

8 units full year

eligibility: Doctor of Clinical Dentistry students only

corequisite: DENT 8001A/BHO Research Methods, Experimental Design and Ethics

Specialised treatment of the Paediatric dental patient requires increased knowledge, understanding and expertise in many of the areas of dentistry, particularly in behaviour modification. Individual preventive programmes for all types of child and adolescent patients

including the medically compromised patient are a prerequisite for comprehensive dental care of the child and adolescent. Areas of increased expertise include preventive dentistry, community dentistry, infant oral health care, aesthetic considerations, minor oral surgery procedures, growth and development of the teeth and jaw, interceptive orthodontics including the use of removable appliances, space maintaining and minor fixed appliances, the treatment of severe dental trauma and endodontics in children.

Seminars and clinical tutorials on patients with severe dental and medical problems will be undertaken. The student will also gain experience and improve their skills in teaching and producing audiovisual aids. Selected topics for review are required in addition to the research project. Clinical experience will be provided in The Adelaide Dental Hospital, The Women's and Children's Hospital, and The Somerton Park School of Dental Therapy.

DENT 8091AHO

Specialist Paediatric Dent VII Part 1

DENT 8091BHO

Specialist Paediatric Dentistry VII Part 2

8 units full year

eligibility: Doctor of Clinical Dentistry students only

prerequisite: DENT 8090A/BHO Specialist Paediatric Dentistry VI

See Specialist Paediatric Dentistry VI for syllabus details.

DENT 8092AHO

Specialist Paediatric Dentistry VIII Part 1

DENT 8092BHO

Specialist Paediatric Dentistry VIII Part 2

24 units full year

eligibility: Doctor of Clinical Dentistry students only

prerequisite: DENT 8091A/BHO Specialist Paediatric Dentistry VII

See Specialist Paediatric Dentistry VI for syllabus details.

DENT 8100AHO

Specialist Periodontics VI Part 1

DENT 8100BHO

Specialist Periodontics VI Part 2

8 units full year

eligibility: Doctor of Clinical Dentistry students only

corequisite: DENT 8001A/BHO Research Methods, Experimental Design and Ethics

This program leads to specialisation in Periodontics; it gives students a contemporary understanding of periodontal diseases and other conditions that are known causes of periodontal attachment loss. The course critically evaluates the validity of clinical procedures currently used in the treatment of the periodontal diseases; it also involves critical evaluation of the current periodontal literature.

Academic aspects of periodontics: detailed anatomy and physiology of the periodontal attachment structures through life; review of contemporary studies of the epidemiology of periodontal diseases; a study of past and present periodontal anthropology; critical review of the evidence supporting the specific plaque hypothesis; evaluation of models for the aetiology of periodontal diseases. Periodontitis in the context of chronic human diseases; review of contemporary immunology and its application to periodontics; review of pathology; critical review of studies of the effectiveness of conventional periodontal therapy; implantology and periodontics; periodontal regeneration; understanding the various causes of periodontal attachment loss and developing skills to differentiate between these causes at the clinical level.

Clinical aspects of periodontics: clinical instruction in all aspects of Clinical Periodontics, focussing on diagnosis, differential diagnosis, treatment planning and the development of clinical surgical skills; clinical instruction in implantology; research project

DENT 8101AHO

Specialist Periodontics VII Part 1

DENT 8101BHO

Specialist Periodontics VII Part 2

8 units full year

eligibility: Doctor of Clinical Dentistry students only

prerequisite: DENT 8100AHO/BHO Specialist Periodontics VI

DENT 8102AHO

Specialist Periodontics VIII Part 1

DENT 8102BHO

Specialist Periodontics VIII Part 2

24 units full year

eligibility: Doctor of Clinical Dentistry students only

prerequisite: DENT8101AHO/BHO Specialist Periodontics VII

DENT 8110AHO

Specialist Prosthodontics VI Part 1

DENT 8110BHO

Specialist Prosthodontics VI Part 2

8 units full year

eligibility: Doctor of Clinical Dentistry students

corequisite: 6154 Research Methods, Experimental Design and Ethics

This component of the program includes seminars, associated coursework, supervised clinical practice and laboratory experience in the core aspects of prosthodontics. These include fixed and removable prosthodontics, implantology, the management of craniomandibular disorders and maxillo-facial prosthodontics.

By the completion of the program students will have an understanding of the theoretical basis of prosthodontic practice and will have developed their clinical and laboratory skills in each of the core disciplines.

DENT 8111AHO

Specialist Prosthodontics VII Part 1

DENT 8111BHO

Specialist Prosthodontics VII Part 2

8 units full year

eligibility: Doctor of Clinical Dentistry students

prerequisite: DENT 8110AHO/BHO Specialist Prosthodontics VI

This component of the program builds on the skills and knowledge acquired in the 2128 Specialist Prosthodontics VI course and introduces students to more advanced aspects of prosthodontics through seminars, coursework, clinical practice and laboratory experience. The program also gives students an opportunity to extend their understanding of a range of associated topics in areas of dentistry, medicine and other allied health disciplines.

By the completion of the program students will have an in depth knowledge of the theoretical basis of prosthodontic practice and will have developed their clinical and laboratory skills to an advanced level through experience in all aspects of prosthodontics.

DENT 8112AHO

Specialist Prosthodontics VIII Part 1

DENT 8112BHO

Specialist Prosthodontics VIII Part 2

24 units full year

eligibility: Doctor of Clinical Dentistry students

prerequisite: DENT8111AHO/BHO Specialist Prosthodontics VII

This component of the program allows students to consolidate their expertise in all of the aspects of prosthodontics through continuing seminars, coursework, clinical practice and laboratory experience. The program also gives selected students an opportunity to extend their experience through appropriate extra-mural practice under the guidance of selected mentors.

By the completion of the program students will have the knowledge and skill required for independent specialist practice in prosthodontics.

DESIGN STUDIES

DESST 6000

Special Topic (Design) IVA

4 units

check availability with School of Architecture, Landscape Architecture and Urban Design

up to 4 hours lectures/seminars/ studios per week, field study trips

eligibility: Grad.Cert./Grad.Dip.Des.St. students

Course description will be provided by the School when specialist teaching is available.

assessment: assignments and projects

DESST 6002

Building Design Studio IV

4 units semester 2

up to 6 hours lectures/seminars/studios per week

eligibility: Grad.Cert./Grad.Dip.Des.St. students

assumed knowledge: DESST 6013 Issues in Urban and Landscape Sustainability IV

restriction: DESST 3006 Building Design Studio III

In this course students will apply their skills in formal composition and knowledge of precedent to the design of small building on a rural site. Emphasis will be placed on the use of materials, the building's structure and construction, its responses to the local environment, and its life-cycle costings.

assessment: assignments and projects

DESST 6006

Special Topic (Design) IVB

4 units

check availability with School of Architecture, Landscape Architecture and Urban Design

up to 4 hours lectures/seminars/ studios per week, field study trips

eligibility: Grad.Cert./Grad.Dip.Des.St. students

Course description will be provided by the School when specialist teaching is available.

assessment: assignments and projects

DESST 6009

Design and Environments IV

4 units semester 2

up to 4 hours tutorials/seminars/studios per week

eligibility: Grad.Cert./Grad.Dip.Des.St. & G.Cert./G.Dip.Des.St.(Land.) students

The intersection of theory and practice in architecture and landscape architecture, developed in the context of student design projects. The course will examine the range of theoretical and ideological discourses which influence approaches to 'place-making' in the urban environment.

The projects will offer a context in which students will explore cultural, historical, social and ethnographic issues, while developing a vocabulary of approaches, morphologies and typologies. Students will develop representational skills in various media.

assessment: assignments and projects

DESST 6010

Special Topic (Landscape) IVB

4 units

check availability with School of Architecture, Landscape Architecture and Urban Design

up to 4 hours lectures/seminars/ studios per week, field study trips

eligibility: Grad.Cert./Grad.Dip.Des.St.(Land.) students

Course description will be provided by the School when specialist teaching is available.

assessment: assignments and projects

DESST 6011

Special Topic (Landscape) IVA

4 units

check availability with School of Architecture, Landscape Architecture and Urban Design

up to 4 hours lectures/seminars/ studios per week, field study trips

eligibility: Grad.Cert./Grad.Dip.Des.St.(Land.) students

Course description will be provided by the School when specialist teaching is available.

assessment: assignments and projects

DESST 6012

Landscape Design Studio IV

4 units semester 2

up to 6 hours lectures/seminars/studios per week

eligibility: Grad.Cert./Grad.Dip.Des.St.(Land.) students

assumed knowledge: DESST 6013 Issues in Urban and Landscape Sustainability IV

restriction: DESST 3022 Landscape Design Studio III

In this course students will apply their skills in formal composition and knowledge of precedent to the design of a small to medium sized park, allotment or place. Emphasis will be placed on

design, use of materials and plants, any installations and their construction, the design's responses to the local environment, and life-cycle costings.

assessment: assignments and projects

DESST 6013

Issues in Urban and Landscape Sustainability IV

4 units semester 1

up to 6 hours lectures/seminars/studios a week, hours vary from week to week

eligibility: Grad.Cert./Grad.Dip.Des.St. & G.Cert./G.Dip.Des.St.(Land.) students

restriction: 6233 Issues in Landscape Sustainability IV or 8490 Issues in Urban Sustainability IV

This course will centre upon 'place-making' in urban and rural settled environments. It will focus on the diversity of philosophical positions which inform current approaches to urban and landscape sustainability understood in its widest sense, including not only the 'environmental', but the resource, cultural, social, political, economics, institutional and professional realms, and position them within a design inquiry.

In the project-based learning program, students will develop knowledge and skills required in the creation of buildings and landscape elements in 'sustainable' urban environments, and explore opportunities and constraints affecting the development of such environments.

assessment: assignments and projects

DESST 6014

Design Communications IV

4 units semester 1

up to 3 hours lectures and/or tutorials per week

eligibility: Grad.Cert./Grad.Dip.Des.St. & G.Cert./G.Dip.Des.St.(Land.) students

quota will apply

The representation and communication of design in writing, drawing and modelling including computer techniques.

assessment: assignments 80%, exam 20%

DESST 6015

Twentieth Century Architecture and Landscapes IV

4 units semester 2

up to 2 hours lectures, 2 hours tutorials per week

eligibility: Grad.Cert./Grad.Dip.Des.St. & G.Cert./G.Dip.Des.St.(Land.) students

This course is concerned with changing forms, and 'forms of thinking', in the environmental design disciplines since the 19th century. Its primary aim is to place these formal and theoretical developments in a coherent historical framework through which further spatial and cultural dimensions of this field may be better understood. A further aim is to thereby enable students to position themselves critically within contemporary design discourse.

Practical work includes exercises in three-dimensional composition and in writing short analytical texts.

assessment: assignments

DESST 6016

Technology in the Built Environment IV

4 units semester 1

Up to 2 hours lectures, 2 hours tutorials per week

eligibility: Grad.Cert./Grad.Dip.Des.St. students

restriction: 9805 Science and the Built Environment IV

Taking a project-based approach the course will examine the application of science to the design and construction of built environments. Key topics will include design in relation to acoustic performance, thermal comfort, building structures and construction materials and techniques.

DESST 6017

Natural Systems and Design IV

4 units semester 1

up to 2 hours lectures, 2 tutorials or equivalent studios a week

eligibility: Grad.Cert./Grad.Dip.Des.St.(Land.) students

This course considers the role and interactions that natural systems have upon and may influence designs, and how they are addressed in landscape design. These interactions include the role that soils, geology, micro-climate, water systems, animals and plants have upon and may shape the qualities and experiences in our designs. In particular the course considers the opportunities and diversity of plants as a design medium, the significant role of water in design including wetlands and stormwater management systems, and the natural ecological factors at sites that present constraints and opportunities in designs with an emphasis upon construction issues thereof. Specific attention is paid to the South Australian context, as well as contemporary examples that address these considerations.

assessment: a series of papers and design assignments.

DESIGN STUDIES (DIGITAL MEDIA)

DESSTDM 7001

Design with Digital Media A

6 units semester 1

contact hours vary - periods of intensive group contact and periods of less frequent individual tutorials

eligibility: Grad.Cert./Grad.Dip./Master of Design Studies (Digital Media) students

This course focuses on design forms and their representation during the process of design. Students will carry out a series of exploratory design projects that use and develop skills and understanding in the 2D and 3D representation of form-making ideas, the visualisation and animation of design proposals at various levels of abstraction, and the presentation of design-in-progress on the World Wide Web for an international audience. Project work is backed by seminars exploring theoretical concepts in contemporary design, representation and digital media. Projects and seminars may be adapted to suit individual student needs and design backgrounds.

assessment: projects

DESSTDM 7002

Design with Digital Media B

6 units semester 1

contact hours vary - periods of intensive group contact and periods of less frequent individual tutorials

eligibility: Grad.Cert./Grad.Dip./Master of Design Studies (Digital Media) students The course focuses on the relations between digital models of designs and their interpretation and behaviour in the physical world. Students will carry out one or more design projects that use software for visual and environmental analysis and simulation, and develop skills and understanding of these issues. Project work is backed by seminars exploring related theoretical concepts such as the interpretation of images and narratives, performance prediction, environmental simulation and sustainability. Projects and seminars may be adapted to suit individual student needs and design backgrounds.

assessment: projects

DESSTDM 7003

Design with Digital Media C

12 units semester 1 or 2

contact hours vary - periods of intensive group contact and periods of less frequent individual tutorials

eligibility: Grad.Cert./Grad.Dip./Master of Design Studies (Digital Media) students

assumed knowledge: experience and skills in using a 3D CAD tool

The course focuses on the developing professional use of digital media. It begins with media specific to particular application areas such as building modelling systems and geographic information systems. It then focuses on the cultural and professional contexts in which such systems are used in planning, urban design, architecture and landscape architecture, interior design and product design. A core component of the course is work under the direction of a professional office in one of these fields that is recorded and reviewed in a practice journal.

assessment: projects

DESSTDM 7004

Design with Digital Media Masters Project

12 units semester 1 or 2

contact hours vary

eligibility: Master of Design Studies (Digital Media) students only

prerequisite: all required courses in the Graduate Diploma in Design Studies (Digital Media)

This course comprises an individual or group culminating design, planning and/or research project that addresses an aspect of design, professional practice or design education in the context of digital media. Students will negotiate with the course coordinator a topic that reflects their own particular interests and the mode of digital and/or printed submission that is to be adopted.

assessment: assignments/projects

ECONOMICS

ECON 5000

Environmental Economics E

3 units semester 2

2 lectures, 1 tutorial per week

eligibility: Grad Cert in Engineering (Environmental Engineering) students only

Introduction to the principles of microeconomics. The basic economic paradigm: unlimited demands and scarce resources.

The free market; market failure; externalities in production and consumption; public goods; monopolies. Economic and social decision-making. Distributional impacts of projects including intergenerational effects. The effects of pollution charges and regulation. Depletion and pricing of non-renewable resources. An economic perspective to global environmental issues. Steady state economics.

assessment: assessment: essays, exams, tutorials

ECON 7001

Applied Econometrics IIID

3 units semester 1

2 lectures, 1 tutorial a week

The course aims to develop an understanding of standard econometric methods, a capacity to formulate research problems so that they are amenable to quantification and a capacity to assess empirical research in economics critically. Tutorials will involve applications of econometric methods which use packaged programs.

assessment: final exam, tutorial participation, performance, project using techniques developed

ECON 7005

Resource and Environmental Economics IIIA

4 units semester 2

2 lectures, 1 tutorial per week

This course aims to introduce students to key themes and debates in the management of natural resources in the process of development. There will be a particular, but not exclusive, focus on

resource and environmental problems in less industrialised countries. The course will analyse some of the complex causes and environmental consequences of unsustainable development in the developing world. Topics that may be covered include: market and institutional failures, the trade-development-environment nexus, the role of forests and biodiversity in development and more generally the role of natural resources in development.

assessment: essays, exams, tutorials

ECON 7007

International Finance IIIA

4 units semester 1

2 lectures, 1 tutorial a week

This course deals with the analysis of two important and related macroeconomics issues in open economies: the exchange rate and the capital flows. The objectives of the course are two-fold: 1) to introduce main concepts, principles and models in the theory and empirical works in those two key areas of International Finance;

2) to apply the analytical tools to understand the relevant policy issues in the global markets. Based on additional reading materials (mostly from The Economist (a weekly magazine)), discussions on relevant current events from various parts of the globe will be carried out.

assessment: tutorial work and final exam

ECON 7009

Mathematical Economics (H)

4 units semester 1

2 hour lecture a week

This course deals with dynamic economic models. The main technical tool is optimal control. Some familiarity with multivariable calculus and some knowledge of integrals are desirable. There is no other prerequisite. The first part of the course will be spent on a slow introduction to optimal control with applications to resource economics. The second part will deal with the 'new' growth theory endogenous growth and will thus attempt to explain several mechanisms at the origin of economic growth as well as studying policies which could enhance it.

assessment: weekly assignments, mid-semester exam, final exam

ECON 7010

Econometrics A (H)

4 units semester 1

2 hour lecture a week

Econometrics A (H) - Econometric modelling of cross-section and panel data. This course has two objectives: to equip students for carrying out applied econometric research, and to provide students with sufficient theoretical background that they recognise models as fitting within a common body of principles. The first part of the course will cover basic techniques in regression analysis. Discussion of the issues that arise in estimating models will be motivated by economic applications. The second half of the course will cover some of the rich variety of models that are often used when the linear model proves inadequate or inappropriate. These include models for discrete dependent variables, (probit, logit, multinomial logit, ordered probit), and limited dependent variables models for truncated and censored samples. These econometric models will be motivated by economic applications, with particular reference to labour economics and health economics.

assessment: assignments or 2 x 2 hour exams

ECON 7011

Consumers, Firms and Markets IID

3 units semester 1 or 2

2 lectures, 1 tutorial a week

This course builds on the microeconomic principles studied in the Level I Economics courses and provides an analysis of the way in which the market system functions as a mechanism for coordinating the independent choices of individual economic agents. It develops a basis for evaluating the efficiency and equity implications of competition and other market structures, and a perspective on the appropriate role of government. Included are the study of consumer choice, production and cost, market structure, and market failure.

assessment: exam, other assessment

ECON 7016

Resource and Environmental Economics IIID

3 units semester 2

2 lectures, 1 tutorial per week

This course aims to introduce students to key themes and debates in the management of natural resources in the process of development. There will be a particular, but not exclusive, focus on resource and environmental problems in less industrialised countries. The course will analyse some of the complex causes and environmental consequences of unsustainable development in the developing world. Topics that may be covered include: market and institutional failures, the trade-development-environment nexus, the role of forests and biodiversity in development and more generally the role of natural resources in development.

assessment: essays, exams, tutorials

ECON 7022

Econometrics IIID

3 units semester 2

2 lectures, 1 tutorial a week

The objective of this course is to integrate economic models and econometric methods. Particular attention is paid to the relationship between economic and statistical models in selecting the appropriate econometric tools, and on the interpretation of the resulting statistics. Topics covered include single equation estimation under the statisticians ideal conditions, and econometric methods to deal with the violation of these conditions, and estimation of simultaneous equation models.

assessment: project, final exam

ECON 7025

Microeconomics A(H)

4 units semester 1

2 hour lecture a week and 1- hour workshop a week

This course will present the economic theory which is the basis for empirical work in production analysis and consumption analysis. Some of the structure of international trade models will also be presented. Insight will also be gained into the structure of modern economic models. The main paradigm used in the course will be duality theory. The level of presentation will be formal but the intuitive aspects of the results will be strongly stressed. There are no particular mathematical prerequisites except for some familiarity with matrix notation and an elementary knowledge of mulitivariate calculus. Additional topics will be treated in Catch-up Maths course (Orientation week), which is compulsory and essential. An informal introduction to competitive equilibrium, Pareto efficiency and the core of an economy will also be presented.

assessment: 1.5 hour mid-semester exam, 3-hour final exam

ECON 7036

International Trade and Investment Policy IID

3 units semester 1

This course examines the interactions between economic, political, strategic, and legal aspects of international trade and investment policies at national, regional and global levels. This includes the ways in which WTO members affect and are affected by regional and multilateral trade and economic integration agreements. The effects of trade and investment policy on the efficiency of resource use, on income distribution, and on national and global trade and economic welfare are analysed using trade theories and models of international trade and investment.

assessment: mid-term test, final exam, tutorial presentations

ECON 7038

Econometrics IIIA

4 units semester 2

2 lectures, 1 tutorial a week

The objective of this course is to integrate economic models and econometric methods. Particular attention is paid to the relationship between economic and statistical models in selecting the appropriate econometric tools, and on the interpretation of the resulting statistics. Topics covered include single equation estimation under the statisticians ideal conditions, and econometric methods to deal with the violation of these conditions, and estimation of simultaneous equation models.

assessment: project, final exam

ECON 7044

International Finance IIID

3 units semester 1

2 lectures, 1 tutorial a week

This course deals with the analysis of two important and related macroeconomics issues in open economies: the exchange rate and the capital flows. The objectives of the course are two-fold: 1) to introduce main concepts, principles and models in the theory and empirical works in those two key areas of International Finance;

2) to apply the analytical tools to understand the relevant policy issues in the global markets. Based on additional reading materials (mostly from The Economist (a weekly magazine)), discussions on relevant current events from various parts of the globe will be carried out.

assessment: tutorial work and final exam

ECON 7050

International Economic History IIID

3 units semester 1

2 lectures, 1 tutorial per week

The course surveys the evolution of the international economy in the 20th century. Attention is given to the development of world trade and trade policies, the international monetary system, international capital movements, the interwar depression, the postwar boom and the first and second periods of 'globalisation'. An examination is made of selected topics from the historical experience of the major industrial economies, especially the United States, which are relevant to an understanding of their current economic problems.

assessment: tutorial work, essay, exams

ECON 7051

Economic and Financial Data Analysis IID

3 units semester 1 or 2

2 lectures, 1 tutorial a week

This course provides an introduction to the techniques used to analyse economic data sets. Throughout the course, we will focus on the ability to use and understand the methods involved without requiring rigorous mathematical foundations. Basic computing skills using Excel will also be developed. It provides the theoretical and practical tools and understanding necessary to carry out single equation linear regression analysis, which is the most commonly used statistical technique in econometrics.

The first half of the course reviews and extends statistical theory necessary for this course and the simple linear regression model. The second half of the course discusses the various assumptions underpinning the classical linear regression model, the implications to estimation if these assumptions are not met, and how to overcome these problems.

assessment: tutorial work, mid-term multiple choice test, final exam

ECON 7053

Long Run Growth (H)

4 units semester 1

2 hour lecture a week

This course examines the evidence of, and leading explanations for, economic growth in the advanced countries over the long run. Both historians' and economists' contributions to the analysis of economic growth are considered, but emphasis is placed on the enhanced insight which may be derived from historical inquiry. Topics covered include a survey of economists' writings on growth and convergence; case studies of long run growth and decline (including Britain, the US south, Argentina); and wider perspectives on growth (including the role of natural resources, technology, institutions, interest groups, and cultural factors).

assessment: mid-term essay 25%, three-hour final exam 75%

ECON 7055

International Trade (H)

4 units semester 1

2 hour lecture a week

This course seeks to provide the tools necessary to obtain a clear understanding of what determines the way international trade patterns evolve through time as economies grow. That requires drawing on and strengthening our knowledge of (a) trade and growth theories, (b) the economics and political economy of foreign trade and investment policies, and (c) quantitative modelling of global trade flows.

assessment: 90 min. mid-semester exam 30% (redeemable), 3-hour final exam 70% (or 100% if better than mid-sem grade)

ECON 7056

International Finance (H)

4 units semester 2

2 hour lecture a week

This course deals with the analysis of two important and related issues in open economies: the exchange rate and the capital flows. The objectives of the course are two-fold: 1) to introduce main concepts, principles and models in the theory and empirical works in those two key areas of International Finance; 2) to apply the analytical tools to understand the relevant policy issues in the global markets. Based on additional reading materials (both from various economic journals and The Economist (a weekly magazine)), discussions on relevant current events from various parts of the globe will be carried out.

assessments: mid-term 30% and final exam 70%

ECON 7058

Development Economics IIID

3 units semester 2

2 lectures, 1 tutorial a week

The course is concerned with the economics of less-developed countries. Topics to be discussed include: the meaning and measurement of development, demographic change, trade, industrialisation, foreign aid and investment, poverty and income distribution, agricultural development and relevant growth theories.

assessment: exam, work completed during course

ECON 7059

Macroeconomics A(H)

4 units semester 1

2 hour lecture a week

This course serves as an introduction to more advanced methods and theories. Techniques include a more formal treatment of comparative statics, dynamics and stability analysis and will involve matrix algebra as well as simple differential and difference equations. Topics include extensions to some familiar models such as IS-LM, AD-AS or Mundell-Fleming; a more formal application of the rational expectations hypothesis in a variety of contexts and an introduction to developments in growth theory.

assessment: mid-term and final exam

ECON 7067

Economic Development

3 units semester 2

2 hour lecture a week

This course will focus on theories of economic growth, with particular emphasis on the new growth theories of the last dozen years and their application to East Asian economic development.

assessment: take-home assignment 33.33% , final exam 66.66%

ECON 7069

International Trade IIIA

4 units semester 2

2 lectures, 1 tutorial per week

This course deals with the theory and practice of international trade and of trade-related policies. It focuses on analysing the gains from trade, the changing patterns of trade, the income distributional consequences of liberalising foreign trade, the relationship between trade, investment, and economic growth, and the reasons for and consequences of trade policies.

assessment: mid-term test, final exam, tutorial presentations

ECON 7071

Macroeconomics Theory and Policy IID

3 units semester 1 or 2

2 lectures, 1 tutorial a week

The first year macroeconomics course provided a broad overview of the subject area. In this course, the aim is to delve a little deeper into the subject. Macroeconomics is concerned with the behaviour of the economy as a whole. In particular it addresses the big issues which affect us on a day to day basis. As macroeconomists we want to know why some countries grow more quickly than others, why some experience high inflation while others have stable prices and why all countries experience recessions and booms. Furthermore, we want to know if government policy can have an impact on these factors. The aim of Macroeconomics IID is to provide these tools and give a deeper understanding of these issues. It is intended that this course leads on from the first year macroeconomics course and provides a smooth transition for those intending to pursue macroeconomics in later years.

assessment: tutorial performance, mid-term exam, final 3-hour exam

ECON 7072

International Trade IIID

3 units semester 2

2 lectures, 1 tutorial per week

This course deals with the theory and practice of international trade and of trade-related policies. It focuses on analysing the gains from trade, the changing patterns of trade, the income distributional consequences of liberalising foreign trade, the relationship between trade, investment, and economic growth, and the reasons for and consequences of trade policies.

assessment: mid-term test, final exam, tutorial presentations

ECON 7074

Business Data Analysis ID

3 units semester 1 or 2

2 lectures, 1 tutorial per week.

quota may apply

This introductory course covers collecting and organising data, drawing conclusions and commenting intelligently on the statistical results obtained. Topics include descriptive statistics, correlation and simple regression, index numbers, time series analysis and an introduction to the use of probability in formal statistical inference. Students are taught how to access a statistical database, how to use EXCEL to do the statistical calculations and how to present their work using WORD.

assessment: assignments, computer delivered tests, exam

ECON 7075

Mathematical Economics IID

3 units semester 1

2 lectures; 1 tutorial a week

This course concentrates on the basic mathematical methods that are required to understand current economics and to investigate economic models. Topics may include optimisation with and without constraints; linear models; matrix algebra and introductory game theory.

assessment: exam, test

ECON 7076

Australian Economic History IID

3 units semester 2

2 lectures, 1 tutorial a week

The course covers the development of the Australian economy viewed in a comparative perspective. Emphasis is given to topics which provide relevant background to Australia's recent economic performance and current policy issues. These include structural changes, factor market performance, economic growth and fluctuations, governments and markets, regional disparities, international economic influences and economic well-being.

assessment: tutorial work, essay, exams

ECON 7077

Economic Development (H)

4 units semester 2

2 hour lecture a week

This course will focus on theories of economic growth, with particular emphasis on the new growth theories of the last dozen years and their application to East Asian economic development.

assessment: take-home assignment 33.33% , final exam 66.66%

ECON 7082

Applied Econometrics IIIA

4 units semester 1

2 lectures, 1 tutorial a week

The course aims to develop an understanding of standard econometric methods, a capacity to formulate research problems so that they are amenable to quantification and a capacity to assess empirical research in economics critically. Tutorials will involve applications of econometric methods which use packaged programs.

assessment: final exam, tutorial participation, performance, project using techniques developed

ECON 7084

Master of Applied Economics Dissertation

12 units semester 1 or 2

Each student is to undertake an individual research project that exhibits original investigation, analysis and interpretation. Length of dissertation will be determined in conjunction with the candidate's Supervisor and the Dean of School.

assessment: dissertation

ECON 7086

Advanced Macroeconomics

3 units semester 1

2 hour lecture

This course presents an in depth analysis of modern macroeconomic theory. The course provides an advanced overview of the field as well as a rigorous analysis of the field's foundations. Students who do not necessarily intend to specialise in macro-economics are thereby exposed to the most up to date theories, while those students who plan to pursue higher research in macro-economics are well equipped with the latest techniques and know how. Topics to be discussed include: Why are some countries so rich while others are so poor? Why and how do countries grow? What are the sources of business cycles? What are the sources of inflation and unemployment? And what is the role of government policy in all of this?

assessment: set in consultation with students

ECON 7087

Advanced Microeconomics

3 units semester 2

2 hour lecture

This course deals with more recent advances in microeconomic theory with emphasis on noncooperative game theory and its applications, transactions in which asymmetric information plays a role and the theory of market failure. Topics to be covered may include some or all of the following: static and dynamic models of oligopoly, adverse selection, signaling games, principal agent problems and general equilibrium theory.

assessment: set in consultation with students

ECON 7089

Development Economics IIIA

4 units semester 2

2 lectures, 1 tutorial a week

The course is concerned with the economics of less-developed countries. Topics to be discussed include: the meaning and measurement of development, demographic change, trade, industrialisation, foreign aid and investment, poverty and income distribution, agricultural development and relevant growth theories.

assessment: exam, work completed during course

ECON 7090

Econometrics A

3 units semester 1

2 hour lecture a week

Econometrics A - Econometric modelling of Cross-section and panel data. This course has two objectives: to equip students for carrying out applied econometric research, and to provide students with sufficient theoretical background that they recognise models as fitting within a common body of principles. The first part of the course will cover basic techniques in regression analysis. Discussion of the issues that arise in estimating models will be motivated by economic applications. The second half of the course will cover some of the rich variety of models that are often used when the linear model proves inadequate or inappropriate. These include models for discrete dependent variables, (probit, logit, multinomial logit, ordered probit), and limited dependent variables models for truncated and censored samples. These econometric models will be motivated by economic applications, with particular reference to labour economics and health economics.

assessment: assignments or 2 x 2 hour exams

ECON 7091

Econometrics B

3 units semester 2

Econometrics B - Time Series for Finance and Economics. This course will introduce a wide range of techniques that are commonly used for modelling and forecasting in applied finance and economics. The first half of the course will cover topics like forecast appraisal, Box-Jenkins methods, lag order selection and a discussion of Hendry's approach to applied data analysis. Concepts such as unit roots and cointegration will also be introduced. The second half of the course will build on the first half but will be more theoretical in nature. It will cover asymptotic theory of cointegration tests, VARs, ECMs, Johansen's methodology, ARCH/GARCH models, stochastic and random coefficient models.

assessment: assignments or 2 x 2 hour exams

ECON 7092B

Econometrics C Part 2

3 units full year

2 hour lecture a week

Econometrics C comprises the first half of Econometrics A and the first half of Econometrics B.

ECON 7093

Econometrics B (H)

4 units semester 2

Econometrics B (H) - Time Series for Finance and Economics. This course will introduce a wide range of techniques that are commonly used for modelling and forecasting in applied finance and economics. The first half of the course will cover topics like forecast appraisal, Box-Jenkins methods, lag order selection and a discussion of Hendry's approach to applied data analysis. Concepts such as unit roots and cointegration will also be introduced. The second half of the course will build on the first half but will be more theoretical in nature. It will cover asymptotic theory of cointegration tests, VARs, ECMs, Johansen's methodology, ARCH/GARCH models, stochastic and random coefficient models.

assessment: assignments or 2 x 2 hour exams

ECON 7094B

Econometrics C (H) Part 2

4 units full year

2 hour lecture a week

Econometrics C (H) comprises the first half of Econometrics A (H) and the first half of Econometrics B (H).

ECON 7095

Economic Theory IIIA

4 units semester 2

2 lectures, 1 tutorial a week

This subject deals with additions to, and extensions of aspects of economic theory covered in ECON 2011 Macroeconomics II and ECON 2009 Microeconomics II. Topics include general equilibrium and welfare economies, extensions of consumption and production theory, open economy models, the role of wealth, expectations, government budget and quantity constraints, game theory.

assessment: test, exam

ECON 7096

Economic Theory IIID

3 units semester 2

2 lectures, 1 tutorial a week

This subject deals with additions to, and extensions of aspects of economic theory covered in ECON 2011 Macroeconomics II and ECON 2009 Microeconomics II. Topics include general equilibrium and welfare economies, extensions of consumption and production theory, open economy models, the role of wealth, expectations, government budget and quantity constraints, game theory.

assessment: test, exam

ECON 7099

International Economic History IIIA

4 units semester 1

2 lectures, 1 tutorial per week

The course surveys the evolution of the international economy in the 20th century. Attention is given to the development of world trade and trade policies, the international monetary system, international capital movements, the interwar depression, the postwar boom and the first and second periods of 'globalisation'. An examination is made of selected topics from the historical experience of the major industrial economies, especially the United States, which are relevant to an understanding of their current economic problems.

assessment: tutorial work, essay, exams

ECON 7100

International Finance IV

3 units semester 1

2 hour lecture a week

This course deals with the analysis of two important and related issues in open economies: the exchange rate and the capital flows. The objectives of the course are two-fold: 1) to introduce main concepts, principles and models in the theory and empirical studies

in those two key areas of International Finance; 2) to apply the analytical tools to understand the relevant policy issues in the global markets. Based on additional reading materials (both from various economic journals and The Economist (a weekly magazine)), discussions on relevant current events from various parts of the globe will be carried out.

assessment: mid-term 30% and final exam 70%

ECON 7102

International Trade

3 units semester 1

2 hour lecture a week

This course seeks to provide the tools necessary to obtain a clear understanding of what determines the way international trade patterns evolve through time as economies grow. That requires drawing on and strengthening our knowledge of (a) trade and growth theories, (b) the economics and political economy of foreign trade and investment policies, and (c) quantitative modelling of global trade flows.

assessment: 90 min. mid-semester exam 30% (redeemable), 3-hour final exam 70% (or 100% if better than mid-sem grade)

ECON 7106

Long Run Growth

3 units semester 1

2 hour lecture a week

This course examines the evidence of, and leading explanations for, economic growth in the advanced countries over the long run. Both historians' and economists' contributions to the analysis of economic growth are considered, but emphasis is placed on the enhanced insight which may be derived from historical inquiry. Topics covered include a survey of economists' writings on growth and convergence; case studies of long run growth and decline (including Britain, the US south, Argentina); and wider perspectives on growth (including the role of natural resources, technology, institutions, interest groups, and cultural factors).

assessment: mid-term essay 25%, three-hour final exam 75%

ECON 7108

Master of Economics Research Project B

6 units semester 1 or 2

Each student is to undertake an individual research project that exhibits original investigation analysis and interpretation.

assessment: project (approximately 10,000 words)

ECON 7109

Master of Economics Research Project C

3 units semester 1 or 2

Each student is to undertake an individual research project that exhibits original investigation analysis and interpretation.

assessment: project, approximately 5,000 words

ECON 7110

Mathematical Economics

3 units semester 1

2 hour lecture a week

This course deals with dynamic economic models. The main technical tool is optimal control. Some familiarity with multivariable calculus and some knowledge of integrals are desirable. There is no other prerequisite. The first part of the course will be spent on a slow introduction to optimal control with applications to resource economics. The second part will deal with the 'new' growth theory endogenous growth and will thus attempt to explain several mechanisms at the origin of economic growth as well as studying policies which could enhance it.

assessment: weekly assignments, mid-semester exam, final exam

ECON 7113

Money, Banking and Financial Markets IIIA

4 units semester 1

2 lectures, 1 tutorial per week

This course links the fields of macroeconomics and finance. It provides coverage of economic principles that underlie the operation of banks and other financial institutions. The role of money in the economy and the impact of monetary policy on the macroeconomy are emphasised, as is understanding the foreign exchange market and some basics of international finance. More broadly, this course will develop simple economic tools which will allow students to systematically analyse some of the important monetary and financial problems and developments in the world economy (such as crises in emerging economies).

assessment: mid-term test, final exam, assignments

ECON 7114

Money, Banking and Financial Markets IIID

3 units semester 1

2 lectures, 1 tutorial per week

This course links the fields of macroeconomics and finance. It provides coverage of economic principles that underlie the operation of banks and other financial institutions. The role of money in the economy and the impact of monetary policy on the macroeconomy

are emphasised, as is understanding the foreign exchange market and some basics of international finance. More broadly, this course will develop simple economic tools which will allow students to systematically analyse some of the important monetary and financial problems and developments in the world economy (such as crises in emerging economies).

assessment: mid-term test, final exam, assignments

ECON 7117

Reading Topics A

3 units semester 1 or 2

This course will cover selected topics in Economics. The topics offered each year will depend on the availability of staff, including visitors, and their research interests.

ECON 7118

Reading Topics B

3 units semester 1 or 2

This course will cover selected topics in Economics. The topics offered each year will depend on the availability of staff, including visitors, and their research interests.

ECON 7119

Reading Topics C

3 units semester 1 or 2

This course will cover selected topics in Economics. The topics offered each year will depend on the availability of staff, including visitors, and their research interests.

ECON 7120

Reading Topics D

3 units semester 1 or 2

This course will cover selected topics in Economics. The topics offered each year will depend on the availability of staff, including visitors, and their research interests.

ECON 7121

Reading Topics E

3 units semester 1 or 2

This course will cover selected topics in Economics. The topics offered each year will depend on the availability of staff, including visitors, and their research interests.

ECON 7122

Reading Topics F

3 units semester 1 or 2

This course will cover selected topics in Economics. The topics offered each year will depend on the availability of staff, including visitors, and their research interests.

ECON 7126

Master of Applied Economics International Dissertation

12 units semester 1 or 2

Each student is to undertake an individual research project that exhibits original investigation, analysis and interpretation. Length of dissertation will be determined in conjunction with the candidate's Supervisor and the Dean of School.

assessment: dissertation

ECON 7127

Master of Applied Economics International Dissertation (Part Time)

12 units full year

prerequisite: as approved by course coordinator

Each student is to undertake an individual research project which exhibits original investigation, analysis and interpretation. Length of dissertation will be determined in conjunction with the candidate's Supervisor and the Dean of School.

assessment: dissertation

ECON 7129

Master of Applied Economics Dissertation (Part Time)

12 Units full year

prerequisite: as approved by course coordinator

Each student is to undertake an individual research project which exhibits original investigation, analysis and interpretation. Length of dissertation will be determined in conjunction with the candidate's Supervisor and the Dean of School.

assessment: dissertation

ECON 7134

Master of Economics Research Project B (Part Time)

6 units full year

prerequisite: as approved by course coordinator

Each student is to undertake an individual research project that exhibits original investigation analysis and interpretation.

assessment: project (approximately 10,000 words)

ECON 7135

Master of Economics Research Project C (Part Time)

3 units full year

prerequisite: as approved by course coordinator

Each student is to undertake an individual research project that exhibits original investigation analysis and interpretation.

assessment: project (approximately 5,000 words)

ECON 7141

Challenges Facing Economic Policy Makers

4 units semester 1 or 2

eligibility: M.App.Ec. & M.App.Ec.(Int.) students only

The course deals with controversial aspects of economic policy faced by governments. The course will be issues focused and topics covered will depend on developments in the world economy with particular emphasis on the Australasian region. Topics will range across industry level issues to monetary, fiscal, exchange rate and trade policies.

assessment: tutorials, group projects and exam

ECON 7200

Economic Principles (M)

3 units semester 1 and 2

3 hour seminar

restriction: not available to students enrolled in economics postgraduate coursework programs

Objective: The purpose of this module is to enable the student to understand economic events, analyse their impact on the financial markets and financial instruments, and propose appropriate courses of action. To do this, the student should understand the basic principles of macroeconomics and microeconomics and be conversant with the various economic indicators used. Also, the student should be able to utilise the tools of economic analysis to perform company and industry competitive analysis.

assessment: exam, written assignments, case study analyses, group or individual projects as determined at first lecture

EDUCATION

EDUC 4001A

Accounting Curriculum and Methodology Part 1

2 units full year

prerequisite: pass in Level II or III accounting course

EDUC 4001B

Accounting Curriculum and Methodology Part 2

2 units full year

prerequisite: pass in Level II or III accounting course

EDUC 4002A

Adult Learner Curriculum and Methodology Part 1

2 units full year

subject to staffing

EDUC 4002B

Adult Learner Curriculum and Methodology Part 2

2 units full year

subject to staffing

EDUC 4003A

Biology Curriculum and Methodology Part 1

2 units full year

prerequisite: pass in a Level III biological science course

pre/corequisite: EDUC 4024 Junior Science Curriculum and Methodology

EDUC 4003B

Biology Curriculum and Methodology Part 2

2 units full year

prerequisite: pass in a Level III biological science course

pre/*corequisite:* EDUC 4024 Junior Science Curriculum and Methodology

EDUC 4004A

Business Studies Curriculum & Methodology Part 1

2 units full year

prerequisite: pass in Level II or III business course

EDUC 4004B

Business Studies Curriculum & Methodology Part 2

2 units full year

prerequisite: pass in Level II or III business course

EDUC 4005A

Chemistry Curriculum and Methodology Part 1

2 units full year

prerequisite: pass in a Level III chemistry course

pre/*corequisite:* EDUC 4024 Junior Science Curriculum and Methodology

EDUC 4005B

Chemistry Curriculum and Methodology Part 2

2 units full year

prerequisite: pass in Level III chemistry course

pre/corequisite: EDUC 4024 Junior Science Curriculum and Methodology

EDUC 4006A

Chinese Curriculum and Methodology Part 1

2 units full year

prerequisite: Pass at Level III Chinese or equivalent

pre/corequisite: EDUC 4027 Modern Languages Curriculum and Methodology

EDUC 4006B

Chinese Curriculum and Methodology Part 2

2 units full year

prerequisite: Pass at Level III Chinese or equivalent

pre/corequisite: EDUC 4027 Modern Languages Curriculum and Methodology

EDUC 4007A

Classroom Music Curriculum and Methodology Part 1

3 units full year

prerequisite: degree in Music or a pass in Level III music course

EDUC 4007B

Classroom Music Curriculum and Methodology Part 2

3 units full year

prerequisite: degree in Music or a pass in Level III music course

EDUC 4009A

Economics Curriculum and Methodology Part 1

2 units full year

prerequisite: pass in Level II or III economics course

EDUC 4009B

Economics Curriculum and Methodology Part 2

2 units full year

prerequisite: pass in Level II or III economics course

EDUC 4010A

English as a 2nd Language Curric & Method Part 1

2 units full year

prerequisite: Pass in Linguistics at level II or III, or equivalent.

pre/corequisite: 4027 Modern Languages Curriculum and Methodology

EDUC 4010B

English as a 2nd Language Curric & Method Part 2

2 units full year

prerequisite: Pass in Linguistics at level II or III, or equivalent.

pre/corequisite: EDUC 4027 Modern Languages Curriculum and Methodology

EDUC 4011A

Extended Specialist Curriculum Part 1

2 units full year

restriction: only with the agreement of Head of School

EDUC 4011B

Extended Specialist Curriculum Part 2

2 units full year

restriction: only with the agreement of Head of School

EDUC 4012A

French Curriculum and Methodology Part 1

2 units full year

prerequisite: pass at Level III French or equivalent

pre/corequisite: EDUC 4027 Modern Languages Curriculum and Methodology

EDUC 4012B

French Curriculum and Methodology Part 2

2 units full year

prerequisite: pass at Level III French or equivalent

pre/corequisite: EDUC 4027 Modern Languages Curriculum and Methodology

EDUC 4013A

General English Curriculum & Methodology Part 1

2 units full year

prerequisite: pass in Level II or III English course

EDUC 4013B

General English Curriculum & Methodology Part 2

2 units full year

prerequisite: pass in Level II or III English course

EDUC 4014A

Geography Curriculum and Methodology Part 1

2 units full year

prerequisite: pass in Level III geography course. In certain circumstances students with Level II geography courses may be accepted

pre/corequisite: EDUC 4034 Studies of Society and Environment

EDUC 4014B

Geography Curriculum and Methodology Part 2

2 units full year

prerequisite: pass in Level III geography course. In certain circumstances students with Level II geography courses may be accepted

pre/corequisite: EDUC 4034 Studies of Society and Environment

EDUC 4015A

German Curriculum and Methodology Part 1

2 units full year

prerequisite: pass at Level III German or equivalent

pre/corequisite: EDUC 4027 Modern Languages Curriculum and Methodology

EDUC 4015B

German Curriculum and Methodology Part 2

2 units full year

prerequisite: pass at Level III German or equivalent

pre/corequisite: EDUC 4027 Modern Languages Curriculum and Methodology

EDUC 4016A

History Curriculum and Methodology Part 1

2 units full year

prerequisite: pass in Level III history course. In certain circumstances students with Level II history courses may be accepted

pre/*corequisite:* EDUC 4034 Studies of Society and Environment

EDUC 4016B

History Curriculum and Methodology Part 2

2 units full year

prerequisite: pass in Level III history course. In certain circumstances students with Level II history courses may be accepted

pre/corequisite: EDUC 4034 Studies of Society and Environment

EDUC 4017A

Indonesian Curriculum and Methodology Part 1

2 units full year

prerequisite: Pass at Level III Indonesian or equivalent

pre/corequisite: EDUC 4027 Modern Languages Curriculum and Methodology

EDUC 4017B

Indonesian Curriculum and Methodology Part 2

2 units full year

prerequisite: Pass at Level III Indonesian or equivalent

pre/corequisite: EDUC 4027 Modern Languages Curriculum and Methodology

EDUC 4018A

Information Technology Curric and Method Part 1

2 units full year

subject to staffing

prerequisite: pass at Level III Computer Studies

EDUC 4018B

Information Technology Curric and Method Part 2

2 units full year

subject to staffing

prerequisite: pass at Level III Computer Studies

EDUC 4019A

Instrumental Music Curriculum & Methodology Part 1

3 units full year

prerequisite: degree in Music, or a pass in Level III music course, plus recognised instrumental qualifications

pre/corequisite: EDUC 4007 Classroom Music Curriculum and Methodology

EDUC 4019B

Instrumental Music Curriculum & Methodology Part 2

3 units full year

prerequisite: degree in Music, or a pass in Level III music course, plus recognised instrumental qualifications

pre/corequisite: EDUC 4007 Classroom Music Curriculum and Methodology

EDUC 4021A

Italian Curriculum and Methodology Part 1

2 units full year

prerequisite: pass at Level III Italian or equivalent

pre/corequisite: EDUC 4027 Modern Languages Curriculum and Methodology

EDUC 4021B

Italian Curriculum and Methodology Part 2

2 units full year

prerequisite: pass at Level III Italian or equivalent

pre/corequisite: EDUC 4027 Modern Languages Curriculum and Methodology

EDUC 4022A

Japanese Curriculum and Methodology Part 1

2 units full year

prerequisite: pass at Level III Japanese or equivalent

pre/corequisite: EDUC 4027 Modern Languages Curriculum and Methodology

EDUC 4022B

Japanese Curriculum and Methodology Part 2

2 units full year

prerequisite: pass at Level III Japanese or equivalent

pre/corequisite: EDUC 4027 Modern Languages Curriculum and Methodology

EDUC 4023A

Junior Mathematics Curriculum & Methodology Part 1

2 units full year

prerequisite: pass in Mathematics I or equivalent

EDUC 4023B

Junior Mathematics Curriculum & Methodology Part 2

2 units full year

prerequisite: pass in Mathematics I or equivalent

EDUC 4024A

Junior Science Curriculum and Methodology Part 1

2 units full year

prerequisite: pass in two Level I physical and biological sciences courses

EDUC 4024B

Junior Science Curriculum and Methodology Part 2

2 units full year

prerequisite: pass in two Level I physical and biological science courses

EDUC 4026A

Legal Studies Curriculum and Methodology Part 1

2 units full year

prerequisite: pass in Level II or III law or legal studies courses

pre/*corequisite:* EDUC 4034 Studies of Society and Environment

EDUC 4026B

Legal Studies Curriculum and Methodology Part 2

2 units full year

prerequisite: pass in Level II or III law or legal studies courses

pre/corequisite: EDUC 4034 Studies of Society and Environment

EDUC 4027A

Modern Language Curriculum and Methodology Part 1

2 units full year

prerequisite: pass in a Level II or III language other than English course

EDUC 4027B

Modern Language Curriculum and Methodology Part 2

2 units full year

prerequisite: pass in a Level II or III language other than English course

EDUC 4028A

Physics Curriculum and Methodology Part 1

2 units full year

prerequisite: pass in Level III physics course

pre/corequisite: EDUC 4024 Junior Science Curriculum and Methodology

EDUC 4028B

Physics Curriculum and Methodology Part 2

2 units full year

prerequisite: pass in Level III physics course

pre/corequisite: EDUC 4024 Junior Science Curriculum and Methodology

EDUC 4032A

Senior English Curriculum and Methodology Part1

2 units full year

prerequisite: pass in Level III English course or equivalent

pre/corequisite: EDUC 4013A/B General English Curriculum and Methodology

EDUC 4032B

Senior English Curriculum and Methodology Part 2

2 units full year

prerequisite: pass in Level III English course or equivalent

pre/corequisite: EDUC 4013A/B General English Curriculum and Methodology

EDUC 4033A

Senior Mathematics Curriculum & Methodology Part 1

2 units full year

prerequisite: pass in Level III mathematics course

pre/corequisite: EDUC 4023 Junior Mathematics Curriculum and Methodology

EDUC 4033B

Senior Mathematics Curriculum & Methodology Part 2

2 units full year

prerequisite: pass in Level III mathematics course

pre/corequisite: EDUC 4023 Junior Mathematics Curriculum and Methodology

EDUC 4034A

Studies of Society and Environment Part 1

2 units full year

prerequisite: pass in Level II or III Anthropology, Classical Studies, Economics, Geography, History, Law, Politics or other approved course

EDUC 4034B

Studies of Society and Environment Part 2

2 units full year

prerequisite: pass in Level II or III Anthropology, Classical Studies, Economics, Geography, History, Law, Politics or other approved course

EDUC 4035

Families, Schools and Students' Outcomes

2 units semester 1

2 hours per week

This course will examine family and school learning environments, as well as issues of gender and religion, as they affect students' learning outcomes at school.

assessment: 2000 word essay

EDUC 4036A

Spanish Curriculum & Methodology Part 1

2 units full year

prerequisite: pass at Level III Spanish or equivalent

pre/corequisite: EDUC 4027 Modern Languages Curriculum and Methodology

EDUC 4036B

Spanish Curriculum & Methodology Part 2

2 units full year

prerequisite: pass at Level III Spanish or equivalent

pre/corequisite: EDUC 4027 Modern Languages Curriculum and Methodology

EDUC 4037A

Specialist Language Curriculum Part 1

2 units full year

restriction: only with the agreement of Head of School

EDUC 4037B

Specialist Language Curriculum Part 2

2 units full year

restriction: only with the agreement of Head of School

EDUC 4038A

Other Language Curriculum and Methodology Part 1

2 units full year

prerequisite: pass in the appropriate language at Level III or equivalent

pre/corequisite: EDUC 4027 Modern Languages Curriculum and Methodology

EDUC 4038B

Other Language Curriculum and Methodology Part 2

2 units full year

prerequisite: pass in the appropriate language at Level III or equivalent

pre/corequisite: EDUC 4027 Modern Languages Curriculum and Methodology

EDUC 4039

Educational Psychology A

2 units semester 1

3 hours per week

This course introduces various psychological approaches used in secondary education. Connection is made between these approaches and the practical strategies required for competence in the classroom environment.

assessment: practical exercises and written assignments

EDUC 4043A

Vietnamese Curriculum and Methodology Part 1

2 units full year

prerequisite: pass at Level III Vietnamese or equivalent

*pre/corequisite:*EDUC 4027 Modern Languages Curriculum and Methodology

EDUC 4043B

Vietnamese Curriculum and Methodology Part 2

2 units full year

prerequisite: pass at Level III Vietnamese or equivalent

pre/corequisite: EDUC 4027 Modern Languages Curriculum and Methodology

EDUC 4050

Teaching Practice Part I

3 units semester 1 or 2

pre/corequisite: at least one Curriculum and Methodology course

Students will undertake one block of supervised teaching practice. Students who successfully complete the course are given a non-graded pass.

EDUC 4051

Teaching Practice Part II

3 units semester 1 or 2

pre/corequisite: at least one Curriculum and Methodology course

Students will undertake one block of supervised teaching practice. Students who successfully complete the course are given a non-graded pass.

EDUC 4082A/B

Psychology Curriculum and Methodology

2 units semesters 1 & 2

2 hours per week

prerequisite: Pass in Level III Psychology

This course will introduce students to the new year 11 and 12 SACE Curriculum in Psychology and discuss appropriate learning methodologies for teaching it.

assessment: practical assignments and essays

EDUC 4083

Curriculum Frameworks and ICT

2 units semester 1

4 hours per week

This course introduces students to the various curriculum frameworks currently used for teaching in secondary schools in South Australia, as well as recent developments in State and National curricula. There is a special focus on the role of ICT in the planning and delivery of curriculum in the classroom.

assessment: an ICT based assignment

EDUC 4084

Curriculum Perspectives in Theory and Practice

2 units semester 2

3-4 hours per week

This course will introduce students to examples of curriculum perspectives which are being put into practice in different schools. In the second part of the semester, they will be able to choose to focus on one theoretical and one practical topic from a number of options announced at the beginning of the semester.

assessment: 1000 word essay or assignment, group presentation

EDUC 4085

Educational Psychology B

2 units semester 2

3 hours per week

This course deepens psychological understanding for secondary education in the areas of learning theory, student characteristics and the positive classroom environment.

assessment: practical exercises and written assignments

EDUC 4086

Culture, Education and Society

2 units semester 2

2 hours per week

This course will introduce students to different models of society and the way they influence educational policy. In particular, a consideration of various models of culture will lead to issues of cultural and linguistic pluralism in education.

assessment: 2000 word essay

EDUC 4087 A/B

Modern Greek Curriculum and Methodology

2 units semesters 1 & 2

prerequisite: Pass in Level III Modern Greek or equivalent, EDUC 4027 Modern Languages Curriculum and Methodology

EDUC 5002

Education Directed Study (2 unit)

Contact Department for further details.

EDUC 5005

Education Directed Study (3 unit)

3 units semester 1 or 2

Contact Department for further details.

EDUC 5006

Education Directed Study

4 units semester 1 or 2

2 hours per week

restriction: with permission of Head of Department

This course will allow candidates to pursue an independent project or area of investigation developed in collaboration with a supervisor.

assessment: essay/s to a total of 6000 words

EDUC 5007

Education in Multilingual Settings

4 units semester 1

2 hours a week

The course will consider basic concepts from the sociology of language in the work of scholars such as Haugen and Fishman. Attention will be focused on recent studies of bilingualism and biliteracy within their regional contexts, with special reference to the 'lesser used' languages of Europe, Asia, North America. Scholars whose research will be considered include Lambert, Giles, Clyne, Cummins, Skutnabb-Kangas, Paulston and Andersson. Emphasis will be placed on the role of the school in helping to maintain and/or acquire bilingualism and early biliteracy, especially through Australian educational systems.

assessment: 2 x 3000 word essays; seminar paper

EDUC 5011

Families, Schools and Students' Outcomes

4 units not offered in 2004

2 hours seminars a week

If our understanding of variations in students' outcomes is to be enhanced then it is important that we increase our understanding of the intricate nature of the relations between learning environments and students' outcomes. It is the purpose of this course to examine theoretical orientations and empirical studies that have investigated the complexities of the associations among families, schools and outcomes for students in differing social contexts.

assessment: seminar participation, 2 x 3000 word or 6000 word essay

EDUC 5012

Gender, Education and Social Change

4 units not offered in 2004

2 hours of seminars a week

restriction: 3487 Class, Gender and Schooling in Australia

This course analyses the ways in which formal education has contributed to the definition and transmission, or transformation, of gender roles and gender identities in Australia since the eighteenth century. It aims to provide a crucial historical perspective to current issues in our education system concerning the nature of femininity and masculinity and the relations between the sexes. Recent historical research and theoretical scholarship have re-assessed the changes in women's education since the nineteenth century and the related changes in their social roles. Very recently, the implications of our understanding of masculinity have begun to be investigated. The varying religious ideals of womanhood and manhood pursued in church schools will be pursued as well as the changing gender assumptions embodied in the policies and organisation of the state education system.

assessment: seminar participation; 2 x 3000 word essays

EDUC 5013A

Honours Mathematics (Education) Part 1

8 units full year

prerequisite: qualification in Mathematics acceptable to Department of Education and relevant departments in Mathematical Sciences. Prospective students should consult with Education Mathematics program coordinator before enrolling

restriction: not presented unless EDUC 5017 Mathematics Education is also presented

Three courses not already passed, from those offered in Honours in Applied Mathematics, Computer Science, Pure Mathematics, Statistics or Mathematical Physics.

assessment: see relevant Mathematics unit

EDUC 5013B

Honours Mathematics (Education) Part 2

8 units full year

prerequisite: qualification in Mathematics acceptable to Department of Education and relevant departments in Mathematical Sciences. Prospective students should consult with Education Mathematics program coordinator before enrolling

restriction: not presented unless EDUC 5017 Mathematics Education is also presented

Three courses not already passed, from those offered in Honours in Applied Mathematics, Computer Science, Pure Mathematics, Statistics or Mathematical Physics.

assessment: see relevant Mathematics unit

EDUC 5017

Mathematics Education

4 units semester 1

2 hours seminars a week

prerequisite: pass in Level III Mathematics course or other qualification accepted by Education Department

A study of current research and theory in mathematics education.

assessment: essays and assignments

EDUC 5018

Multicultural Society and Educational Policy

4 units semester 2

2 hours per week

The theoretical framework of this course is provided by humanistic sociology. This is extended to social systems and developed in relation to ethnically plural societies. The key concepts are those of core values of different cultures, and personal cultural systems that individuals construct from the group values that are provided for them in society. Alternative orientations to cultural and structural pluralism are examined with special reference to curriculum and school organisations. Future cultural outcomes are then related to educational policy.

assessment: 2 x 3000 word essays, seminar paper

EDUC 5019

Qualitative Approaches to Educational Research

4 units semester 1 and 2

2 hour seminar a week

This course is designed to provide students with an overview of qualitative research approaches. In addition to considering various theoretical frameworks and methodological approaches, there will

be a focus on practical aspects of setting up research projects through the stages of formulating a proposal, preparing a budget, collecting and analysing data, writing up results and formally presenting the thesis.

assessment: seminar participation; practical data collection; development of research proposal or essay, total 6000 words.

EDUC 5020
Quantitative Educational Research

4 units semester 1

2 hours of seminars a week

The course examines the use of quantitative methods in educational research. In particular, regression techniques such as multiple regression and path analyses are discussed. The course will be taught in the computer laboratory where students will work through a set of exercises using the SPSS program.

assessment: analysis of data, presentation in form of research article

EDUC 5021
Religion, Education and Social Change

4 units semester 1

2 hours of seminars a week

This course analyses the ways in which religion and education have and do intersect in Australian society. It aims to provide a critical historical perspective to the current issues in our education system, particularly focusing on government funding to non-government schools and the Federal government's latest policy. Other areas of study will be the emergence of denominational schools in the 19th century and the controversies surrounding the education acts; the varying responses of religious groups; the reasons for the emergence of large numbers of low fee paying schools in the 20th century; and the diverse religious gender roles both past and present. Student response to their religious school environment particularly in terms of curriculum and teachers will be canvassed. Personal research into archival materials will be encouraged, and various theoretical perspectives on these issues presented.

assessment: seminar participation, 2 x 3000 word essays

EDUC 5026
Introduction to Statistics in Educational Research

4 units not offered in 2004

2 hours seminars a week

This course will provide students with an introduction to the use of statistics in educational research. Emphasis will be placed on students achieving an understanding of the statistical procedures considered so that they can think critically about suitable procedures for the collection and analysis of data, and about the educational usefulness of calculated statistics. Students will gain experience with using the SPSS package on computers.

assessment: course work, exam. Pass, but no higher grade, may be obtained on coursework assessments only

EDUC 5028
Theories of Psychology in Education

4 units semester 2

subject to staffing

2 hours seminars a week

This course will be concerned with selected psychological theories of demonstrable consequence to education. A critical examination will be made of these theories, their educational interpretations and the research they have generated. The course necessitates consulting articles from several journals of psychology and education. These, together with relevant books, will be detailed as the program progresses.

assessment: essay, seminar papers, reviews

EDUC 5500
Education Minor Project

4 units semester 1 or 2

Self-directed study under supervision.

This course consists of a survey and review of the literature relating to some aspect of the theory and practice of education arising out of one of the earlier Masters course work courses completed. Students will present a topic proposal which will be discussed with a supervisor who will recommend appropriate reading. Progress will be monitored through regular discussions between the supervisor and the student.

assessment: 6000 word literature review

EDUC 5501
Education Research Project F/T

8 units semester 1 or 2

EDUC 5502A
Education Research Project P/T Part 1

8 units full year

This may take the form of an essay which provides evidence of the writer's ability to group, synthesise and critically assess the major issues involved in the area treated or of a minor research project which makes an original contribution to knowledge in a particular limited area. The total length should be around 12,000 words.

EDUC 5502B

Education Research Project P/T Part 2

8 units full year

This may take the form of an essay which provides evidence of the writer's ability to group, synthesise and critically assess the major issues involved in the area treated or of a minor research project which makes an original contribution to knowledge in a particular limited area. The total length should be around 12,000 words.

ENGINEERING

Engineering - Chemical

CHEM ENG 5000

Transport Processes in the Environment

2 units semester 1

36 total contact hours comprising lectures and tutorials

assumed knowledge: CHEM ENG 1000 Process Systems

Introduction and basic concepts. Environmental chemicals and properties. Thermodynamics and phase equilibria. Loss Mechanisms. Inter-media transport. Simple exchange models. Air pollution problems. Nuclear chemistry. Environmental modelling. Plume dispersion. Simple Kinetic models.

assessment: exam 80%, assignments 20%

CHEM ENG 5006

Coal Combustion in Furnaces

2 units semester 1 or 2

24 lectures, 12 tutorials

Types of burners and design; pulverised coal flames; furnace construction and refractories; heat balance and efficiency; convection and radiation transfer; treatment of radiation in furnaces; emitters in coal fired furnaces; surface emissivity and thermal conductivity of ash layer; use of the well-mixed model in quantifying the effect of fuel changes (from oil to gas and coal) and operational changes; coal blending and switching; the zone method of analysis; flames and jets; entrainment and mixing; swirled jets; modelling of flame processes and furnace heat transfer.

assessment: final exam and assignments

CHEM ENG 5007

Coal Conversion Processes Other Than Combustion

2 units semester 1 or 2

24 lectures, 12 tutorials

Coal gasification and liquefaction; coke making; thermal decomposition and pyrolysis; coal for chemical manufacture.

assessment: final exam

CHEM ENG 5008

Combustion Heat Transfer

2 units semester 1 or 2

24 lectures, 12 tutorials

An overview of conduction, convection and radiation heat transfer; heat transfer modes of various types of burners/flames; heat transfer analysis in combustion systems.

assessment: final exam and assignments

CHEM ENG 5009

Combustion for High Temperature Processing

2 units semester 1 or 2

24 lectures, 12 tutorials

Combustion in kilns for cement, glass, aluminium processing; blast furnace for iron and steel making; burner and kiln/furnace design; combustion calculations and fuel economy.

assessment: final exam and assignments

CHEM ENG 5010

Combustion Plant Safety and Management

2 units semester 1 or 2

24 lectures, 12 tutorials

Types of explosions; properties of explosions (auto-ignition temperature, minimum ignition energy etc); industrial explosion hazards and case studies; dust explosions; vapour cloud explosions; fuel leakage and control; fuel handling; legal, environmental and ecological considerations in the use of fuels; treatment and disposal of combustion effluent, recycle possibilities; statutory requirements and environmental regulations.

assessment: final exam and/or essay

CHEM ENG 5013

Fuels and Combustion Technology

2 units semester 1 or 2

24 lectures, 12 tutorials

Sources, properties and classification of fuels and energy sources; analysis of gaseous, liquid and solid fuels, combustion mechanisms including air requirements; mixing and ignition in burners, and atomisation and oil combustion, coal combustion in suspension and in beds; thermal design of furnaces and boilers.

assessment: exam and assignments

CHEM ENG 5016

Instrumentation & Control for Combustion Processes

2 units semester 1 or 2

24 lectures, 12 tutorials

Thermocouple temperature measurements and analysis; suction pyrometer and other temperature measurement techniques; isodynamic sampling of gases and solids; oxygen and carbon oxides analysers; radiation and heat flux measurements; analysis of NOx and SOx and other gaseous pollutants; igniter and flame detector; fuel:air ratio adjustment and combustion control; pressure measurement; fuel leakage detection; common combustion control systems.

assessment: exam and assignments

CHEM ENG 5017

Introduction to Combustion Phenomena

3 units semester 1 or 2

36 lectures, 18 tutorials

Chemical reactions and stoichiometry; material and energy balance; equilibrium; thermal, branched chain and chain-thermal ignition; combustion kinetics; gaseous combustion (pre-mixed and diffusion flames); flame structure and propagation; liquid combustion (pool burning and droplet burning); solid combustion (thermal decomposition and mass burning processes); spontaneous combustion; explosions of gases and dust clouds; detonation; fire; propellants; explosives and pyrotechnics.

assessment: exam and assignments

CHEM ENG 5019

Oil and Gas Combustion Technology

2 units semester 1 or 2

24 lectures, 12 tutorials

Properties of oil and gaseous fuels and combustion air requirements; fuel and air mixing in burners; type of burners; combustion calculations; fuel handling and flame control; energy balance and efficiency; ignition and igniter; furnace design.

assessment: final exam

CHEM ENG 5026

Combustion and Environment

2 units semester 1 or 2

24 lectures, 12 tutorials

Fuel chemistry and impurities in fuels; chemical reactions and pollutant formations; behaviour of sulphur and nitrogen in combustion processes; impact of NOx, SOx and CO2 emissions on

the environment; dust emissions, common technologies for combustion emission control.

assessment: final exam, assignments

CHEM ENG 5027

Fuels and Combustion Laboratory Projects I

3 units semester 1 or 2

60 hours practical work

A series of laboratory projects illustrating properties of fuels, combustion behaviour of various fuels, flame structure and properties, combustion measurement, ignition and explosions, pollutant formation and control, material and energy balances.

assessment: project reports

CHEM ENG 6002

Combustion Emission Control

2 units semester 1 or 2

24 lectures, 12 tutorials

Measurement and monitoring of combustion generated pollutants; pre-combustion, in-situ and post-combustion technologies for pollution control; NOx control by modifying firing techniques (eg., staged combustion); sorbent injection for SOx control; ESP; bag house; wet scrubbing.

assessment: final exam, assignments

CHEM ENG 6005

Introduction to Combustion Aerodynamics

2 units semester 1 or 2

24 lectures, 12 tutorials

Single phase and multi-phase fluid flow, turbulence, jets and their fluid mechanical properties, flow-reaction system analysis and modelling, similarity and scaling; physical modelling and numerical modelling, interaction of combustion and turbulence.

assessment: final exam and assignments

CHEM ENG 6006

Chemical Reactions and Pollutant Formation

2 units semester 1 or 2

24 lectures, 12 tutorials

Fuel chemistry and reactions of trace elements; formation of NOx, SOx halogens, PAH, PCB, heavy metal emission; dust emissions; emission control technologies.

assessment: final exam

CHEM ENG 6007

Coal Properties and Characterisation

2 units semester 1 or 2

18 lectures, 9 tutorials, 12 hours practical exercises

Coal geology and ranking classification; proximate and ultimate (elemental) analysis; coal structure; microscopic analysis of coal; coal reactivity; laboratory techniques for coal reactivity analysis and estimation.

assessment: final exam and assignments

CHEM ENG 6008

Energy Management and Conversion

2 units semester 1 or 2

24 lectures, 12 tutorials

Energy balance and efficiency analysis for process systems; energy conservation and saving; waste heat and low-grade energy utilisation; new and alternative fuels; renewable energy sources.

assessment: final exam and assignments

CHEM ENG 6009

Fuels and Combustion Laboratory Projects II

5 units semester 1 or 2

100 hours project work

A series of laboratory projects illustrating properties of fuels; combustion phenomena; combustion measurement; ignition and explosion; pollutant formation; monitoring and control; material and energy balance.

assessment: project reports

CHEM ENG 6010

Fuels and Combustion Seminars

2 units semester 1 or 2

Tutorials (discussion with Supervisors)

Essay to be prepared on a topic in relation to fuel and combustion science, technology and environmental effects, followed by a short presentation based on the essay.

assessment: 5000 word essay 50%, presentation 50%

CHEM ENG 7000

Minerals Processing

3 units semester 1

The application of chemical engineering principles to minerals processing operations, including flotation, size reduction, gravity separation and hydrometallurgy

assessment: assignments, exam, project

CHEM ENG 7001

Advanced Combustion Aerodynamics

2 units semester 1 or 2

24 lectures, 12 tutorials

Reactive single phase and multi-phase fluid flow; turbulence theory experiment and measurement; mathematical modelling and numerical solution; computational fluid dynamic simulation packages and their application in combustion; physical modelling and experiments for validation of numerical solutions.

assessment: final exam and assignments

CHEM ENG 7002

Advanced Research and Design Projects

12 units semester 1 or 2

12 lectures, 40 tutorials, 300 hours of practical work/research and seminar

Lecture topics comprise sources and estimation of data; costing and economic analysis of alternative proposals; process selection, sizing, design and optimisation of equipment and process; project scheduling and control; plant operation and safety considerations.

Design projects involve the economic comparison of alternative fuel and combustion processes; the study of a selected process; calculation of material and energy balances; preparation of flow sheets; design of selected plant items; estimation of plant cost; safety and environmental impact studies; preparation of design report and drawing plant layout; design, construction and demonstration of laboratory-seal prototype combustion devices may also be taken as a design project.

While undertaking this course, each student must visit at least eight approved industrial facilities. A plant tour may be arranged by the Department.

assessment: research project, written report on topic specified by Department, present seminar on project results, quiz

CHEM ENG 7003

Advanced Combustion Diagnostic Techniques

2 units semester 1 or 2

24 lectures, 12 tutorials

Probe methods and related special techniques; optical measurement techniques; temperature, pressure, concentration and particulate measurements; combustion diagnosis by non-intrusive (laser) methods (CARS & LIF); measurements of trace elements and radicals; data analysis and modelling.

assessment: final exam

CHEM ENG 7004

Biochemical Engineering

3 units semester 1

A review of fundamentals of microbiology; the growth curve; kinetics of substrate utilisation, product formation, bio-mass production in cell cultures and inactivation (death) of cells; design and analysis of biological reactors, bio-reactors, sterilisation reactors, applications; product recovery operations; bio-process economics.

assessment: assignments, exam, project

CHEM ENG 7005

Reaction Engineering

3 units semester 1

The study of advanced kinetics and reactor design in chemical processing systems, including temperature and pressure effects in reactors and fundamental design strategies for heterogeneous reactor systems.

assessment: assignments, exam, project

CHEM ENG 7007

Particulate Technology

3 units semester 1

A course describing the behaviour of particulate systems. Topics include: particle size distributions; sampling; population balances; kinetics of growth, aggregation and breakage; mixing of particulates and stress distributions in granular solids.

assessment: assignments, exam, project

CHEM ENG 7008

Combustion Processes

3 units semester 1

Basic principles which form the background to combustion phenomena. Topics include explosions in closed vessels, flames and combustion waves, detonation waves in gases, combustion of hydrocarbons, combustion in mixed and condensed phases, high explosives, heating applications, combustion and the environment

assessment: assignments, exam, project

CHEM ENG 7009

Plant and Safety Engineering

3 units semester 1

The course covers the management of safe operation and the care and maintenance of process-plant equipment in an integrated operational context. The studies will include the interpretation of industrial standards and legal requirements, in occupational health and safety, in environmental matters and in hazard and operability studies. Also covered are the techniques and methods for the quantitative assessment of plant reliability and availability and their effects on plant throughput.

assessment: assignments, exam, project

CHEM ENG 7010WT

Winery Engineering III

3 units semester 1

2 lectures, 1 tutorial, 3 hours practical/project exercises per week

assumed knowledge: AGRONOMY 2012RW Engineering Science or CHEM ENG 1001 Engineering Physics, or equivalent

Process calculations (mass and energy balances), process utilities (refrigeration, process heating and cooling), steam systems, electrical power systems, heat transfer and heat exchangers, must, juice and wine transfer methods, centrifugation and filtration, process control and instrumentation.

assessment: final exam, tutorials, project work, laboratory reports

CHEM ENG 7011

Industrial Rheology

3 units semester 1

Characterisation of fluid flow behaviour with particular emphasis on industrial suspensions, polymers and composites. Applications include the design and optimisation of systems for handling, processing and transporting non-Newtonian fluids.

assessment: assignments, exam, project

CHEM ENG 7012

Environmental Engineering

3 units semester 1

The study of air and water pollution; pollutant dispersion; control equipment; primary, secondary and tertiary waste water treatment; landfill and hazardous wastes.

assessment: assignments, exam, project

CHEM ENG 7019

Advanced Combustion Emission Control

2 units semester 1 or 2

24 lectures, 12 tutorials

Properties of combustion generated pollutants and their impact on emission control technologies; selected topics on various emission control technologies being used or developed; impact emission control on the environment; integration of emission control technology into the processes concerned; economic and social implications.

assessment: final exam and assignments

CHEM ENG 7020

New and Alternative Fuels

2 units semester 1 or 2

24 lectures, 12 tutorials

Less common fuels (other than coal, oil and natural gas) including organic rich industrial and agricultural wastes (biomass); low-specific energy gas; oil sludge; sewage sludge; petroleum coke; manufactured fuels (eg., methanol etc.) bio-gas; combustion of these fuels and related emissions.

CHEM ENG 7021

Special Studies in Chemical Engineering

3 units semester 1 or 2

Topics as approved by the Head of School.

Engineering - Civil & Environmental

C&ENVENG 5055

Advanced Steel Design N

3 units not offered in 2004

24 total contact hours comprising lectures, design; directed study

Students will carry out a design or a series of designs in which topics not covered in 6859 Structural Design III (Steel) will be emphasised. In particular, (using AS4100 chapter headings): section 4: compression member design, determining effective length etc; section 5: local web buckling; section 8: combined actions; section 9: connections; section : fatigue.

assessment: project work

C&ENVENG 5056

Computer Methods of Structural Analysis and Design

3 units semester 1 or 2

24 total contact hours comprising lectures, tutorials, practicals; directed study

The objective of this course is to make students aware of the mathematical basis of structural analysis software programs and develop a competence in the use of such programs. Topics include basic theory and formulation of finite element analysis; two and three-dimensional elements; linear analysis of plane and space frameworks; an introduction to non-linear structural analysis. Computer modelling of real structures and practical aspects of computer analysis will be illustrated with a number of examples. Students will use commercial software to solve simple problems.

assessment: may include assignments and/or exam - further details available at beginning of semester

C&ENVENG 5057

Design of Concrete Structures N

3 units semester 1 or 2

24 total contact hours comprising lectures, tutorials; directed study

Topics to be chosen from the following: structural concrete and prestressed concrete; use of equivalent loads and load balancing in designing and repairing concrete structures; hyperstatic effects in prestressed concrete structures; design procedures for partially and fully prestressed structures; practical applications of plasticity theory to the design of concrete structures; creep and shrinkage effects in concrete structures; design of slabs and floor systems; bridge girders; precast construction; pretensioned composite construction; building pathology; diagnosis and assessment of defective concrete structures.

assessment: tutorials, exam and project

C&ENVENG 5058

Earthquake Engineering and Design

3 units semester 1 or 2

24 hours lectures, tutorials; directed study

The course will cover the basic concepts of dynamic analysis of structures and the design of structures to resist earthquake loads. An introduction to the design of masonry structures will also be given. Simple examples will be used to illustrate the concepts. Practical aspects of computer analysis will be emphasised throughout the course with students using 'state-of-the-art' commercial software to solve tutorial problems. Special reference will also be made to the Australian Earthquake Code; its use, background and limitations.

assessment: coursework 40%, final exam 60%

C&ENVENG 5059

Special Topics in Structural Engineering IV N

3 units semester 1 or 2

24 total contact hours comprising lectures, tutorials; directed study

Advanced topics in structural engineering.

assessment: may include assignments and/or exam - further details available at beginning of semester

C&ENVENG 5060

Fundamental Steel Design

3 units semester 1 or 2

24 total contact hours comprising lectures, tutorials, directed study

This course consists of two parts. The first part covers the design of steel members in compressive, bending and combined actions, that have not been included in 3rd year Steel Design; of composite columns and the design and analysis of the structural frame. The second part concerns space structures; some of the latest engineering constructions in space structures will be explored and various types of space structures will be introduced in terms of their behaviour under load, materials used and analysis methods. In particular, the design, analysis and construction of double-layer grids - one of the most popular forms of space structures, will be emphasised

assessment: project work and tutorials - further details available at beginning of semester

C&ENVENG 5061

Environmental Science and Policy

2 units semester 1

38 hours lectures, tutorials, practical work

Part A - this course introduces fundamental aspects of bacterial structure, physiology and ecology. Topics covered include: characteristics and anatomy of bacterial cells; nutrition and design of growth media; fermentations; factors affecting growth of populations; sterilisation and disinfection; study of the interaction of bacteria with surfaces, and water quality and microbiology. Part B Introduction to the principles of microeconomics.

assessment: Part A 30 minute written exam on lecture material 40%, written reports of practical work 30%, essay 30%; Part B may include written assignments and exam – further details available at beginning of course

C&ENVENG 5062

Structural Design III (Concrete)

3 units semester 2

48 total contact hours comprising lectures, tutorials, project work

assumed knowledge: undergraduate structural design principles

Detailed design and retrofitting and rehabilitation procedures for multi-storey reinforced concrete structures including beams, slab systems and columns. Students will undertake substantial design projects to apply lecture material.

assessment: may include assignments and/or exam - further details available at beginning of semester

C&ENVENG 5063

Structural Design III (Steel)

3 units semester 1

48 total contact hours comprising lectures, tutorials, project work

assumed knowledge: undergraduate structural design principles

Detailed design procedures for multi-storey steel and composite structures including composite slabs, steel beams, composite beams and steel columns. Students will undertake substantial design projects to apply lecture material.

assessment: may include assignments and/or exam - further details available at beginning of semester

C&ENVENG 5064

Environmental Engineering and Design III

3 units semester 1

48 total contact hours comprising lectures, tutorials, laboratory work and design

assumed knowledge: C&ENVENG 2033 Water Engineering II S1 & C&ENVENG 2035 Water Engineering II S2

Water treatment processes; environmental geotechnics, groundwater contamination. In addition students will carry out an environmental design.

assessment: may include written assignments and exam - further details available at beginning of semester

C&ENVENG 5065

Advanced Steel & Concrete Construction & Design

3 units semester 1 or 2

24 total contact hours comprising lectures, tutorials, project work

This course consists of two parts. The first part covers the design of steel members in compressive, bending and combined actions, that have not been included in 3rd year Steel Design; of composite columns and the design and analysis of the structural frame. The second part concerns space structures; some of the latest engineering constructions in space structures will be explored and various types of space structures will be introduced in terms of their behaviour under load, materials used and analysis methods. In particular, the design, analysis and construction of double-layer grids - one of the most popular forms of space structures, will be

emphasised. Two modules are chosen from the following three options: module 1- retrofitting and rehabilitation of composite steel and concrete building structures; module 2 - fatigue assessment and retrofitting of composite and steel vehicular bridge beams; module 3 - retrofitting and rehabilitation of RC structures using composite externally bonded steel and fibre reinforced polymer plates.

assessment: two design reports

C&ENVENG 5066
Advanced Engineering Hydrology and Design

3 units not offered in 2004

24 total contact hours comprising lectures, tutorials, project work

The main emphasis will be placed on the rainfall runoff process and how processes are modelled for use in flood estimation and in low flow hydrology. Aspects of collection and analysis of both rainfall and streamflow data that impinge on engineering decisions resulting from the collection of the data will be discussed.

assessment: exam, tutorial exercises

C&ENVENG 5067
Advanced Water Distribution Systems and Design

3 units semester 1 or 2

24 total contact hours comprising lectures, tutorials; directed study

Water distribution systems analysis. Steady state analysis of pipe networks. Alternative formulations of equations for pipe networks. Computer solution techniques. Water supplies for small communities. Optimisation of pipe networks using genetic algorithms. Water hammer analysis. Pump transients. Water hammer control methods.

assessment: exam 60%, tutorial, project work 40%

C&ENVENG 5068
Advanced Water Resources Management and Design

3 units semester 1 or 2

24 total contact hours comprising lectures, tutorials, project work

Topics to be selected from: demands on water resources; demand management; yield assessment of surface and groundwater sources; risk; reliability and sustainability issues; multiobjective evaluation of water resource projects; design project.

assessment: may include assignments, seminar presentation, projects and/or exam - further details available at beginning of semester

C&ENVENG 5069
Advanced Water Resources Planning and Design

3 units not offered in 2004

24 hours lectures, tutorials; directed study

Topics to be selected from: economic, social and environmental issues in water resources development; use of linear, non-linear and dynamic programming in water resources planning; multipurpose river basin schemes; optimum system operation; capacity expansion models; water quality issues.

assessment: may include written assignments and exams - further details available at beginning of semester

C&ENVENG 5070
Special Topics in Water Engineering IV N

3 units semester 1 or 2

24 total contact hours comprising lectures, tutorials and directed study

Advanced topics in water engineering.

assessment: may include assignments and/or exam - further details will be available at the beginning of the semester

C&ENVENG 5071
Special Topics in Management and Planning IV N

3 units semester 1 or 2

24 total contact hours comprising lectures, tutorials; directed study

Advanced topics in engineering management and planning.

assessment: may include assignments and/or exam - further details available at beginning of semester

C&ENVENG 5072
Environmental Auditing and Design

3 units semester 1 or 2

24 total contact hours comprising lectures, tutorials/technical projects

Topics to be selected from sustainability and sustainable development, greenhouse issues, environmental impact assessment. In addition students will undertake an environmental audit of a commercial/industrial facility

assessment: may include written assignments and exam - further details available at beginning of semester

C&ENVENG 5073
Environmental Processes, Modelling and Design

3 units semester 1 or 2

24 total contact hours comprising lectures, assignments and design; directed study

The course addresses the major steps in the development of engineering models, with a particular emphasis on water quality. Topics to be covered include model specification (environmental

processes, model complexity, model application), model calibration (gradient methods, genetic algorithms, ant colony optimisation), model verification and stochastic modelling (types of uncertainty, random variables, risk-based performance measures and reliability analysis, including Monte Carlo simulation and the first-order reliability method), artificial neural network modelling.

assessment: may include written assignments and exam - further details available at beginning of semester

C&ENVENG 5074

Groundwater Resources, Contamination and Design

3 units not offered in 2004

24 hours lectures, tutorials, design; directed study

Groundwater exploration and well technology; aquifer testing; physical and hydrochemical processes; groundwater yield assessment; groundwater flow and solute transport; groundwater modelling and data requirements; design project.

assessment: may include written assignments and exams - further details available at beginning of semester

C&ENVENG 5075

Numerical Methods in Environmental Engineering

3 units not offered in 2004

24 total contact hours comprising lectures, tutorials; directed study

Introduction to the finite element method and finite difference method of solving fluid flow problems in both groundwater and surface flows, such as groundwater flow, contaminant movement in groundwater, tidal propagation and currents in rivers and tidal situations. The basic theory and formulation will be given and the techniques illustrated with simple examples. Students will undertake a project to solve a designated problem.

assessment: may include assignments and/or exam - further details will be available at the beginning of the semester

C&ENVENG 5076

Waste Management Analysis and Design

3 units semester 1 or 2

24 total contact hours comprising lectures, tutorials; directed study

Generation, collection and disposal of solid waste; sanitary landfill; incineration; resource conservation and recovery; fuel recovery. Hazardous waste management; types of hazardous waste; treatment technologies; methods of disposal; design project.

assessment: may include written assignments and exam - further details available at beginning of semester

C&ENVENG 5077

Wastewater Engineering and Design

3 units semester 1 or 2

24 total contact hours comprising lectures, tutorials, project work

Characteristics of wastewater; primary, secondary and tertiary treatment methods; sludge disposal; project: design of wastewater treatment plant.

assessment: may include written assignments and exam - further details available at beginning of semester

C&ENVENG 5078

Introduction to Environmental Law N

3 units semester 2

24 total contact hours comprising lectures and tutorials

The course examines regulatory mechanisms that address environmental problems and focuses particularly upon regulation of development. Included are: a general introduction to the law and the legal system; the nature of environmental problems in Australia; constitutional responsibilities and powers with respect to environmental planning and protection; land-use planning and protection systems; environmental impact assessment; regulation of pollution and waste disposal; and environmental litigation.

assessment: may include assignments and/or exam - further details will be available at the beginning of the semester

C&ENVENG 6020A/B

Advanced Structural Investigation Part 1/2

6 units full year

120 hours research and directed study

Research project in advanced structural concepts.

assessment: research project

C&ENVENG 7027

Wastewater Engineering and Design

3 units semester 1 or 2

24 hours lectures, tutorials, project work

Characteristics of wastewater; primary, secondary and tertiary treatment methods; sludge disposal; project: design of wastewater treatment plant; includes Masters level project.

assessment: projects and exam

C&ENVENG 7028

Waste Management Analysis and Design

3 units semester 1 or 2

24 hours lectures, tutorials, design, directed study

Generation, collection and disposal of solid waste; sanitary landfill; incineration; resource conservation and recovery; fuel recovery. Hazardous waste management; types of hazardous waste; treatment technologies; methods of disposal; design project; includes Masters level project.

assessment: projects and exam

C&ENVENG 7029

Environmental Processes, Modelling and Design

3 units semester 1 or 2

24 hours lectures, tutorials, design, directed study

The course addresses the major steps in the development of engineering models, with a particular emphasis on water quality. Topics to be covered include model specification (environmental processes, model complexity, model application), model calibration (gradient methods, genetic algorithms, model verification and stochastic modelling (types of uncertainty, random variables, risk-based performance measures and reliability analysis, including Monte Carlo simulation and the first-order reliability method); includes Masters level project.

assessment: to be advised

C&ENVENG 7030

Steel Design

3 units semester 1 or 2

24 hours lectures, tutorials, directed study

This course consists of two parts. The first part covers the fatigue design, upgrading and assessment of steel, and composite steel and concrete bridge beams. Fatigue is the most common form of failure and advanced procedures will be used to design new structures and assess the remaining fatigue endurance and strength of existing structures. The second part is concerned with space structures. Some of the latest space structures will be explored and various types of space structures will be introduced in terms of their behaviour under load, materials used, and analysis methods. In particular, the design, analysis and construction of double-layer grids, one of the most popular forms of space structures, will be emphasised; includes Masters level project.

assessment: project work and tutorials

C&ENVENG 7031

Concrete Design

3 units semester 1 or 2

24 hours lectures, tutorials, directed study

Topics to be chosen from the following: structural concrete and prestressed concrete; use of equivalent loads and load balancing in designing and repairing concrete structures; hyperstatic effects in prestressed concrete structures; design procedures for partially and fully prestressed structures; practical applications of plasticity theory to the design of concrete structures; creep and shrinkage effects in concrete structures; design of slabs and floor systems; bridge girders; precast construction; pretensioned composite construction; building pathology; diagnosis and assessment of defective concrete structures; includes Masters level project.

assessment: advised at beginning of semester - includes project on advanced topics in reinforced or prestressed concrete structures

C&ENVENG 7032

Composite Steel and Concrete Construction and Design

3 units semester 1 or 2

24 hours lectures, tutorials, directed study

The design, upgrading and assessment of composite steel and concrete structure in buildings and bridges. Building Project consists of the design of new composite elements, upgrading an existing beam to resist larger loads, and the assessment of the effect of inserting a service duct in existing beams. Bridge Project consists of linear elastic and fatigue analysis techniques, designing a new composite bridge beam for static and fatigue loads, assessing the remaining strength and endurance of existing composite beams, and determining the effect of remedial work on the strength and endurance of existing beams.

assessment: projects and exam

C&ENVENG 7033

Earthquake Engineering and Design

3 units semester 1 or 2

24 hours lectures, tutorials, directed study

The course will cover the basic concepts of dynamic analysis of structures and the design of structures to resist earthquake loads. Simple examples will be used to illustrate the concepts. Practical aspects of computer analysis will be emphasised throughout the course with students using 'state-of-the-art' commercial software to solve tutorial problems. Special reference will also be made to the Australian Earthquake Code; its use, background and limitations; includes Master level project.

assessment: projects and exam

C&ENVENG 7034

Foundation Engineering and Design

3 units semester 1 or 2

24 hours lectures, tutorials, project work

Advanced topics in the design of shallow and deep foundations, including numerical methods: effect of stiffness of strip and raft foundations on settlement control; design of pile foundations for vertical and/or lateral loading; dewatering of excavations; includes Masters level project.

assessment: projects and exam

C&ENVENG 7035

Footing Design and Soil Variability

3 units semester 1 or 2

24 hours lectures, tutorials, project work

Advanced topics in the design of residential footings on expansive soils: Numerical and computer-based techniques, such as the Mitchell and Walsh methods of analysis are examined, as well as issues relating to residential footing design practice and probabilistic design.

At the end of this course, students will be able to design residential footings to current practice. Probability and statistics in geotechnical engineering: This topic examines general statistical applications in geotechnical engineering and the analysis of the spatial variability of soils using random field theory and geostatistics. Introduction to rock slope design: This topic gives an overview of the characteristics of rock masses; geotechnical coring and logging; face mapping; rock mass classification; stress theories and strength criteria; and planar failure mechanisms; includes Masters level project.

assessment: coursework

C&ENVENG 7036

Water Resources Management and Design

3 units semester 1 or 2

24 hours lectures, tutorials, directed study

Topics to be selected from: demands on water resources; demand management; yield assessment of surface and groundwater sources; risk; reliability and sustainability issues; multiobjective

evaluation of water resource projects; design project; includes Masters level project.

assessment: projects, assignments and exam

C&ENVENG 7037

Water Distribution Systems and Design

3 units semester 1 or 2

24 hours lectures, tutorials, directed study

Water distribution systems analysis. Steady state analysis of pipe networks. Alternative formulations of equations for pipe networks. Computer solution techniques. Optimisation of pipe networks using genetic algorithms. Water hammer analysis. Pump transients. Water hammer in hydro-electric plants. Water hammer control methods. Includes Masters level project.

assessment: projects and exam

C&ENVENG 7038

Coastal Engineering and Design

3 units semester 1 or 2

24 hours lectures, tutorials, project work

The course is based on waves and wave theories, tides, sediment transport, nearshore coastal processes, wave generation, ocean outfalls, coastal management; includes Masters level project.

assessment: projects and exam

C&ENVENG 7039

Special Studies in Civil Engineering

3 units semester 1 or 2

C&ENVENG 7040

Special Studies in Environmental Engineering

3 units semester 1 or 2

Topics as approved by the Head of School.

Engineering - Electrical & Electronic

ELEC ENG 5000

Neural Networks

2 units semester 1

12 lecture hours, 9 tutorial/practical hours

Objectives and learning paradigms; neural networks architectures; dynamics; training schedules; validation; preprocessing; application examples; laboratory exercises.

The course aims to introduce the principles of artificial neural networks and methodologies for applying neural networks to practical problems. At the end of the course the student should be able: to explain the essential features of the main neural network paradigms; to select suitable candidate neural network

architectures and dynamics for specific tasks; to propose parameters for networks in some applications; to apply elementary analytical methods to the design and diagnosis of neural networks performance.

assessment: assignments 20%, exam 80%

ELEC ENG 5001
Introduction to Multisensor Data Fusion

2 units semester 1

12 lecture hours, 9 tutorial/practical hours

Overview of multi-sensor data fusion problems occurring in such areas as tracking and imaging; review of estimation theory and introduction to Dempster/Schaffer Theory; principles of distributed detection and estimation theory and large-scale stochastic systems; centralised and decentralised multi-target multi-sensor tracking algorithms; fusion of multi-resolution image data; hierarchical architectures for data fusion systems.

The course aims to provide practising engineers and scientists with an introduction to the theory and practice of data fusion for multi-sensor systems. On completion of the course the student should be able: to describe a range of basic principles and fundamental techniques applicable to the diverse range of fusion data problems; to explain large-scale centralised and decentralised estimation theory; to describe the multi-sensor target tracking problem, especially the issues of coordinate registration errors and distributed algorithms; to explain the basic principles of image data fusion.

assessment: assignments

ELEC ENG 5002
Radar Imaging

2 units semester 1

12 lecture hours, 9 tutorial/practical hours

Review the basics of radar and imaging systems; outline design and operation of synthetic aperture radar (SAR); principles of inverse synthetic aperture radar (ISAR); analysis of radar images.

The course aims to provide students with an understanding of the principles, technologies and applications of radar imaging systems with particular emphasis on synthetic aperture radar (SAR). On completion the student is expected: to describe the physical limitations of imaging systems and explain the characteristics of microwave images; to explain the basic principles of microwave radar and the types of radars needed for surveillance tracking and navigation; to describe the principles of operation and characteristics of spaceborne and airborne synthetic aperture radar systems; to explain how inverse synthetic aperture radar (ISAR) is used to produce images of targets; to obtain the physical characteristics of SAR images from test units; to extract analytical information from SAR images; to explain the difference between active and passive microwave images; to understand the basic principles of radar and the nature of microwave images; to explain the characteristics of microwave images; to describe the principles of imaging systems, especially the limits to resolution and the characteristics of microwave imagery.

assessment: assignment 60%, exam 40%

ELEC ENG 5003
Wavelet Transforms

2 units semester 1

13 lecture hours, 8 tutorial/practical hours

Orthogonality and Hilbert spaces; review of Fourier transform; continuous wavelet transform; wavelet bases, multiresolution analysis; discrete wavelet transform; implementation aspects; multivariate extension; data compression; audio and video applications; JPEG standard and its wavelet based version.

The course aims to present students with theoretical background of wavelet transforms and an overview of their applications in signal processing, in particular for data compression. On completion of this course, the student should be able: to describe the basic theory of wavelets and orthogonal functions; to describe the use of wavelet transforms in signal processing and data compression; to explain the advantages and disadvantages of replacing Fourier transform by wavelets; to explain the general structure of the JPEG standard for image communications; implement wavelet transforms in image processing.

assessment: assignment

ELEC ENG 5004
Computer Vision

2 units semester 1

14 lecture hours, 4 tutorial hours, 3 practical hours

Modules of vision in the early phase of processing: detection of contrast edges in intensity image arrays; accumulation of edge data to form lines; the use of a stereo image pair to derive depth information; exploitation of image shading (or intensity variation) to obtain surface normal data; motion detection in time-varying imagery; Marr's theory as a framework for visual information processing; generalised cylinders and their role in the recognition of objects depicted in images; scene analysis and the interpretation of line-drawings of polyhedra. Use of vision packages.

The course aims to provide students with a survey of important developments in computer vision and to introduce them to methods for extracting features from images, with emphasis on shape determination. At the end of the course the student should be able to describe the major developments in the field; and to implement a variety of vision systems including edge detectors, stereo matchers, shading analysers, and line-drawing interpreters.

assessment: assignment, including practicals

ELEC ENG 5005

Estimation Theory

2 units semester 1

12 lecture hours, 9 tutorial/practical hours

Introduction to estimation problems and their application to filtering, smoothing, prediction and identification; a review of important results from probability theory and stochastic processes; brief philosophical history of statistical estimation emphasising the contributions of Gauss, Bayes and Fisher; approaches to estimation problems and their solutions in the Gaussian noise case (least squares, minimum variance, MAP and ML); state-space, ARMAX and finite state Markov models; recursive implementations, -RLS, Kalman Filter.

Advanced topics: bounded noise, stochastic embedding, distributed sensors, errors-in-variables, adaptive estimation.

The course aims to provide students with an introduction to the principles, philosophical issues and implementation aspects of modern estimation algorithms. On completion of the course, the student should be able: to explain the role played by estimation principles in the problems of filtering, prediction, smoothing, identification and tracking; to describe the basic concepts of Bayesian and non-Bayesian strategies; to derive and implement Maximum A Priori (MAP), Maximum Likelihood (ML), Minimum Variance (MV) and Least Square (LS) estimators for various simple situations; to implement recursive estimation algorithms such as Recursive Least Squares (RLS) and the Kalman Filter; to describe more advanced issues such as TLS, non-probalistic approaches and estimation for large-scale distributed systems.

assessment: assignments

ELEC ENG 5006

Digital Signal Processing Techniques

2 units semester 1

13 lecture hours, 8 tutorial/practical hours

Review of basic techniques; DSP tools; signal sampling; spectral analysis; advanced DSP techniques; dedicated DSP processors; radar signal processing; neural network and signal processing.

The course aims to provide students with hands on experience in basic digital signal processing techniques, tools and Dedicated Signal Processors (DSP) used for processing sensor signals.

On completion of this course, the student should be able: to apply basic signal processing techniques such as Fourier transforms, Z transforms, convolution, correlation, and linear predictive coding; to use DSP tools such as Discrete Fourier Transform (DFT), Fast Fourier Transform (FFT), windowing normalisation, spectral estimation, Analogue to Digital Converter (A/D) and to have acquired hands on experience in processing real-world signals; to describe practical application in radar signal processing; to describe the basics of dedicated signal processor (DSP) chips and their application in fast processing; to apply eigen-space based advanced techniques for high resolution signal processing; to describe neural network applications in signal processing.

assessment: assignments 50%, exam 50%

ELEC ENG 5021

Introduction to Surveillance Sensors and Systems

3 units semester 2

18 lecture hours, 12 tutorial/practical hours

The aim of the course is to provide an understanding of the role of sensors in a surveillance system, both in terms of their construction, the processing of their outputs and how their output information contributes to the overall system performance.

On completion of the course the student should be able to understand the generic principles underlying: the role of sensors in a surveillance system; the physical principles underlying sensor technology; the engineering design and construction of sensors; the role of the platform in determining sensor performance; techniques for processing and extracting information from sensor signals; the integration and fusion of different sensors; and the networking and combination of distributed sensors into an integrated surveillance system. Detailed case studies of radar, sonar, geophysical and infrared surveillance technologies will form part of the curriculum.

ELEC ENG 6000

Antennas and Propagation

3 units

Theory of radiation, wire antennas, antenna arrays, aperture antennas, broadband antennas, numerical analysis, communications and radar systems, propagation.

ELEC ENG 7015

Optimal and Adaptive Signal Processing

ELEC ENG 7015SIP

Optimal and Adaptive Signal Processing

3 units semester 1

30 hours lectures and tutorials

assumed knowledge: Linear Systems (discrete and continuous), Linear Algebra (matrices), Probability Theory, Fourier and Z Transforms and MATLAB

Introductory and Preliminary material - Introduction to the concepts, key issues and motivating examples for adaptive filters; Discrete time linear systems and filters; Random variables and random processes, covariance matrices; Z transforms of stationary random processes.

Optimum Linear Systems - Error surfaces and minimum mean square error; Optimum discrete time Wiener filter; Principle of orthogonality and canonical forms; Constrained optimisation; Method of steepest descent - convergence issues; Stochastic gradient descent LMS - convergence in the mean and misadjustment; Case study. Least squares and recursive least squares. Linear Prediction - Forward and backward linear prediction; Levinson Durbin; Lattice filters.

assessment: exam 50%, assignment 50%

ELEC ENG 7017
Beamforming and Array Processing

ELEC ENG 7017SIP
Beamforming and Array Processing

3 units semester 2

30 hours lectures and tutorials

assumed knowledge: Linear Systems (discrete and continuous), Linear Algebra (matrices), Probability Theory, Fourier and Z Transforms, Random Processes and MATLAB.

Introductory material - Concepts, key issues and motivating array examples; Simple propagating field models. Deterministic Signals - Conventional beamforming concepts: narrowband beamforming; Beam patterns: beamwidth, sidelobes and grating lobes, Array shading real weights, Array factor theorems; Multiple simultaneous beams; Time delay and sum beamforming. Random Signals - Probability and random processes for arrays; Cross-spectral matrices. Frequency Domain Beamforming - Frequency domain Approach single and multiple beams; Array Gain; Frequency wavenumber; Array shading and null steering. Optimum Beamforming in Frequency Domain - Optimisation criteria constrained minimum mean square and Conventional and Optimum Comparisons; Constraints: mainbeam and nulls; Sample Matrix Inverse and statistical considerations. Adaptive Beamforming in Frequency Domain - Sample Matrix Inverse update; Gradient descent and optimisation surfaces with constraints; Convergence requirements; Stochastic Descent Methods: Least Mean Square; Convergence in the mean and mean square convergence. Optimum and Adaptive Beamforming in Time Domain - Multichannel tapped delay line approach; Optimum solution; Adaptive solution with passband constraints. Subspace Methods - Beam space approaches; MUSIC and other eigen space approaches.

assessment: exam 50%, assignment 50%

ELEC ENG 7033
Principles of RF Engineering

3 units semester 1 or 2

assumed knowledge: foundation course in electronic, some familiarity with electromagnetic ideas

RF System Basics: Radio waves, antennas, analogue modulation, noise, sensitivity, selectivity, non-linearity, digital modulation, spread spectrum and radar. Tuned Circuits: Resonance, Q, bandwidth, transformers and matching networks.

Amplifiers: BJT amplifiers, Miller effect, differential amplifiers, feedback, FET amplifiers, amplifier noise. Scattering Parameters: Transmission lines, impedance transformation, Smith charts, S parameters and S parameter amplifier design. Multi-port networks. Power Amplifiers: Class A, B, C and E amplification. Broadband matching. Filters: Basic lumped component designs. Filter realisation in microstrip form. Oscillators: Basic oscillator design and negative resistance approach. Phase noise and stability issues. Mixers, Modulation and Demodulation: Diode, BJT and FET mixers. The generation and demodulation of AM, SSB, FM and PM signals. Introduction to Phase Locked Loops: Basic principles and some applications. Frequency synthesisers.

assessment: hardware design assignment and tests

ELEC ENG 7044
Multimedia Communications

3 units semester 2

30 hours lectures and tutorials

assumed knowledge: ELEC ENG 4046 Telecommunications IV or equiv.

Third generation mobile systems: W-CDMA implementation and dimensioning. Core network evolution including 2.5G solutions. Orthogonal Frequency Division Multiplexing: principles and implementation including 802.11a OFDM PHY Ad-hoc networking: principles and implementation including 802.11 IBSS and Bluetooth. Consumer broadband distribution: principles and implementation including DSL and HFC. Satellite communications: principles and applications including link models, system parameters and multiple access (FAMA/DAMA). INTELSAT, Iridium, Globalstar Lossy compression for image, audio and video coding. Video coding for videoconferencing and low data rate applications (H.261, H.263, H.26L, MPEG4 VLBV). Audiovisual system standards (H.324, H.221, H.223, H.245) MPEG standards family (MPEG-1, MPEG-2, MPEG-4, MPEG-7, MPEG-21) and applications. Video and voice over IP.

assessment: exam, assignments

ELEC ENG 7045
Photonics for Communications

3 units semester 2

23 hours lectures and tutorials

assumed knowledge: course uses principles of transmission line propagation (ELEC ENG 4044 RF Engineering IV) and electronics (ELEC ENG 2008 Electronics II & ELEC ENG 3018 RF Engineering III) and communication (ELEC ENG 3015 Communications, Signals and Systems). The fundamental principles with which students should

be familiar are reviewed in the early lectures within this course. ELEC ENG 4035 Communications IV is recommended

Review of optics and lightwave propagation. Introduction to communication systems. Optical waveguides. Integrated optic waveguide. Dispersion and distortion effects. Single-mode and multi-mode optical fibres. Attenuation characteristics. Practical configurations. Light sources. Light emitting diodes. Laser operation. Laser diodes. Coupling considerations. Optical amplifiers. Light detectors. Photoelectric effects. PIN photodiodes. Avalanche photodiodes. Receiver circuits. Modulation. Analogue modulation formats. Digital modulation formats. Subcarrier techniques and multiplexing. Harmonic distortion and intermodulation. Noise and detection. Thermal and shot noise effects. Signal-to-noise ratios for digital and analogue systems. Thermal-noise limited and Shot-noise limited systems. Receiver design. System design. Analogue and digital point-to-point link design. Fibre distribution networks. Optical storage concepts. Dense Wave Division Multiplexing (DWDM), Compact Disc, DVD and other optical storage.

assessment: formal exam

ELEC ENG 7046

Power Quality and Fault Diagnostics

3 units semester 1

36 hours lectures and laboratory studies

assumed knowledge: ELEC ENG 2008 Electronics II

This course will address power quality issues and condition monitoring techniques used in electrical and industrial systems. A brief overview of power systems and three-phase machines will be given, and the course will cover various issues under two major sections. Power Quality: EMI in energy systems, types of power quality issues, regulations, standards, prevention techniques, measurements and analysis, case studies and real-time tests. Fault Diagnostics: Importance, history, types and features of faults, test methods, sensors and measurement techniques, traditional and advanced diagnostic methods, case studies and real-time tests.

assessment: two quizzes 25%, research based assignment 50%, final exam 25%

ELEC ENG 7047

Special Studies in Electrical Engineering

3 units semester 1 or 2

Topics as approved by the Head of School.

Engineering - Mechanical

MECH ENG 7018

Special Studies in Mechanical Engineering

3 units semester 1 or 2

Topics as approved by the Head of School.

MECH ENG 7019

Automotive Engineering

3 units semester 1

Students interested in a career in automotive engineering are introduced to the practices of major automotive employers. This course will address design objectives, philosophies, engineering practices, safety, environmental issues and quality assurance practices.

assessment: assignments 30%, project 20%, final exam 50%

MECH ENG 7020

Materials Selection and Failure Analysis

3 units not offered in 2004

The course will consider factors in materials selection such as properties, processing, design, cost specifications and codes. The competition between materials and fabrication methods will be illustrated through detailed case studies. Failure analysis is considered in terms of investigative procedures, principal causes of failure (fracture, fatigue, corrosion and wear) and the application of simple fracture mechanics. Several case studies are considered in detail.

assessment: assignments 30%, project 20%, final exam 50%

MECH ENG 7021

Combustion Technology and Emissions Control

3 units semester 1

The aim of the course is to equip students with the necessary knowledge and skills to understand and analyse the design and performance of modern combustion systems with a view to maximising output and minimising air pollution. Combustion involves both mixing of the fuel and oxidant and the subsequent chemical reactions. The course therefore involves consideration of both combustion aerodynamics and fuel properties. It will cover the issues involved with fuel selection, including the use of alternative and waste fuels, the design principals involved in reducing pollutant emissions and safety. It will assess major combustion systems and various modelling techniques and predictive tools which can be used to design combustion systems.

assessment: assignments 30%, project 20%, final exam 50%

MECH ENG 7022
Fundamentals of Non-linear Computational Mechanics

3 units semester 2

The course introduces the basic concepts of continuum mechanics which are understood to be prerequisites for modern computational formulations such as the finite element method. While the course provides the language for understanding the handbook of any modern commercial finite element package, of interest for those merely interested in applications, the material covered is nevertheless fundamental for research in many fields of engineering. The course covers: the basic mathematics of tensor algebra, non-linear concepts of strain and stress, classification of constitutive laws, weak and strong forms of field equations, introduction to finite element formulations.

assessment: assignments 30%, project 20%, final exam 50%

MECH ENG 7023
Fracture Mechanics

3 units semester 2

The aim of this course is to develop an understanding of the mechanics of fracture of engineering materials. and to develop a broad understanding of the problems related to mechanics of composite materials which is essential for safe design of engineering components. This understanding is necessary to guide a corresponding design, manufacture, or failure analysis. This course will discuss basic concepts in Mechanics of Fracture and a wide range of practical problems relating to the assessment of the nucleation, growth and catastrophic propagation of structural defects. It also will deepen the understanding of Finite Element Modelling techniques and ANSYS software package.

assessment: assignments 30%, project 20%, final exam 50%

MECH ENG 7024
Robotics M

3 units semester 1

Classification of robotic systems; transformation of coordinates; kinematics and inverse kinematics; Jacobians and robot dynamics; trajectory generation; robotic modelling; control loops for robots; image processing; industrial robot programming and applications.

assessment: assignments 30%, project 20%, final exam 50%

MECH ENG 7025
Topics in Welded Structures

3 units semester 1

This course presents the concepts behind welding and joining technology. These include welding and joining techniques, equipment and consumables, weldability of engineering materials, economics, standards, health and safety, testing and repair. The concepts are then applied to the design and fabrication of engineering components, process plant and structures. Repair and reclamation of components will also be covered. The importance of selecting the correct welding process and parameters for a particular application will be demonstrated by investigating several case studies. Since a weld/joint can have a profound effect on the performance of a component depending on the in-service conditions it experiences, the influence of service environment will be investigated. At the end of the course students should have the concepts to assist in the selection of processes and parameters to make appropriately designed, sound joints, fit for service in the operating environment.

assessment: assignments 30%, project 20%, final exam 50%

MECH ENG 7026
Advanced Topics in Fluid Mechanics

3 units semester 2

The course builds on the concepts learned in the core Mechanical Engineering courses and extends these to provide practical interpretive and predictive methods. The syllabus begins with a practical and theoretical overview of modern flow measurement techniques and the methods used to interpret velocity and flow data. These techniques and methods are then applied to the fundamental flow cases such as boundary layers and free shear flows. Specific applications of these flow cases are then given through the study of internal flow systems and external flows around air, ground and sea-going vehicles. These include wind tunnels, race cars, high-performance yachts, boomerangs and sports balls.

assessment: assignments 30%, project 20%, final exam 50%

MECH ENG 7027
Engineering Acoustics

3 units semester 1

The fundamentals of sound wave description and propagation, the hearing mechanism, acoustic instrumentation, noise criteria, sound source types and radiated sound fields, outdoor sound propagation, sound power measurement techniques, sound in enclosed spaces, sound transmission loss, acoustic enclosures, mufflers, vibration reduction for noise control.

assessment: assignments 30%, project 20%, final exam 50%

MECH ENG 7028
Advanced Automatic Control

3 units semester 2

Advanced topics in automatic control system design. Emphasis will be placed on techniques used to accommodate uncertainty in practical systems.

assessment: assignments 30%, project 20%, final exam 50%

MECH ENG 7029
Airconditioning

3 units semester 2

Vapour compression cycles; heat transfer in two-phase flow; types, selection and operation of refrigeration plant; psychrometrics;

climatic data and its use; load estimation and analysis; constant and variable air volume systems; human comfort and health; cooling and dehumidifying coils; controls; fans and duct systems; system balancing and stimulation; commissioning; energy efficiency in buildings; system operating costs

assessment: assignments 30%, project 20%, final exam 50%

MECH ENG 7030
Advanced Vibrations

3 units semester 1

Advanced multi-degree of freedom system analysis; modal analysis; spectrum analysis; machine fault diagnosis; statistical energy analysis; use of vibration; principles of design of vibration equipment; structure borne vibration; mobility; reciprocity; finite element.

assessment: assignments 30%, project 20%, final exam 50%

MECH ENG 7031
Aerospace Navigation and Guidance

3 units

The course will comprise two components: (a) Navigation: covering theory, and the principles of operation and performance modeling of navigation technologies with particular emphasis on technologies that are used to support aeronautical applications. This material will cover inertial navigation technologies, satellite navigation technologies such as GPS and terrestrially based navigation systems such as Loran-C. Technologies which support astronautic applications will also be considered. (b) Guidance: this will cover the principles on which aircraft flight plans and space vehicle orbital manoeuvres are designed and to which a flight vehicle's motion is controlled. This section will cover both open loop flight path generation and closed loop autopilot aspects of the control of flight vehicles.

assessment: assignments 30%, project 20%, final exam 50%

Engineering - Petroleum

PETROENG 7000
Development Geology and Seismic Methods

2 units semester 1

intensive short course of lectures, tutorials and seminars

Development Geology provides a working knowledge of the main qualitative and quantitative techniques used by development geologists in evaluating subsurface reservoir properties. Commencing with the geological structure and depositional environments, the course covers such practicalities as mapping and well correlation. Geological control is discussed, and case histories review various methods of estimating hydrocarbon volumes, including more controversial parameters such as capillarity. While concentrating on concepts, some state-of-the-art topics, such as fault seal capacity, will also be discussed. Practical applications are incorporated in hands-on exercises.

Seismic Methods provides a basic understanding of the principles of reflection seismic, such as wave propagation, convolution and seismic velocity and resolution. The acquisition segment covers hardware elements used to acquire data and survey design, including 2D versus 3D, and marine versus land surveying. Data processing includes de-convolution, velocity analysis, stacking and migration. The mechanics of interpretation outlines data display, synthetics, picking, and auto-tracking, velocity anomalies and depth conversion. Sequence stratigraphy is dealt with in conjunction with inversion and seismic attribute analysis. More recent advances are also outlined: reservoir fluids and their movement, e.g. DHIs and AVO, and time lapse seismic. Emphasis is on 3D seismic, with numerous illustrations and case histories.

assessment: assignments, group discussions, exam

PETROENG 7001
Petrophysics

2 units semester 1

intensive short course of lectures, tutorials and seminars

Introduction to Petrophysics will give participants an overview of petrophysics: well logging concepts and basic rock properties, wellbore environment, petrophysical tools and interpretation concepts.

Fundamentals of Openhole Log Interpretation gives a practical understanding of the interpretation of wireline tools and techniques, including the determination of lithology, porosity, fluid content and movement, and net pay. Both, qualitative (quick look) and quantitative analyses methods are covered. Practical aspects, such as logging operations, including MWD, and logging program design will also be addressed. Practical examples are used throughout and case histories are used to demonstrate specific aspects.

Specialised Methods and Recent Advances gives an overview of dipmeter and borehole imaging, as well as NMR, and determination of permeability from logs.

assessment: assignments, group discussions, exam

PETROENG 7002
Reservoir Engineering

2 units semester 1

intensive short course of lectures, tutorials and seminars

Formation, Rock and Fluid Properties gives an understanding of reservoir environments and formation properties, reservoir structural elements and rock properties. Fluid properties are covered for both, reservoir and surface conditions. Included are static pressure situations and surveys, and fundamentals of phase behaviour.

Fundamentals of Fluid Flow in the Reservoir involves Darcy's law and the formulation of classical methods in fluid flow and pressure behaviour, for a variety of situations. Steady state and transient situations are covered, including well inflow and aquifer performance formulations.

Material Balance gives a detailed understanding of various reservoir situations and the use of material balance, from simple gas material balance to various drive mechanisms for oil reservoirs, including compaction drive. Aquifer models, for a range of situations, from steady-state to transient conditions, are handled in conjunction with the generalised material balance theory of Havlena-Odeh. Case histories will be used throughout to demonstrate concepts and real situations. Software will be used for demonstration and hands-on experience of participants.

Immiscible Fluid Displacement deals with recovery aspects related to immiscible fluid displacement. Commencing with fractional flow concepts, the extended theories of Buckley-Leverett (diffuse flow) and Dietz (segregated flow) are covered. These concepts are then extended to analytical coning and cusping models, covering their appropriate use and limitation. Case histories will be used throughout to demonstrate concepts and real situations.

assessment: assignments, group discussions, exam

PETROENG 7003

Production and Facilities Engineering

2 units semester 2

intensive short course of lectures, tutorials and seminars

Overview of Production and Facilities Engineering gives an overview of production systems, describing various methods of production and their performance. The second part of this module covers the concept of well skin and reservoir mineralogy, and various production problems related to near-wellbore effects: fines migration, sanding, mechanical damage, asphalts, wax and scale.

Fundamentals of Production and Facilities Engineering covers production systems and inflow and outflow performance. Production system aspects involve: natural flow and artificial lift, single and multiphase flow, wellhead and surface gathering systems, fluid separation, transportation and treating of fluids, metering and transfer, compression, and disposal and re-injection of fluids. Detailed nodal analysis covers all major and minor components in the reservoir, for wells and surface systems. Software will be used to demonstrate fundamental design calculations and in exercises.

Advanced and Special Production and Facilities Engineering Topics involves two major aspects: foam applications and offshore production facilities concepts. Foam application covers fracturing treatment and foam-acid diversion. In terms of offshore facilities all major types are reviewed, including deepwater, and their range and suitability in application are discussed.

assessment: assignments, group discussions, exam

PETROENG 7004

Well Completion and Stimulation

2 units semester 1

intensive short course of lectures, tutorials and seminars

Overview of Well Completion and Stimulation gives a basic understanding of different well completion components and types used by the industry, including concepts of artificial lift. Various reservoir situations may require well stimulation; these are reviewed and the appropriate stimulation techniques are summarised.

Fundamentals of Well Completion and Stimulation gives a detailed account of well completion design: tubing selection, specialised hardware and artificial lift. Completion operations are covered in terms of installation, perforation, unloading and clean-up, testing and workovers. The second part of this module deals with formation damage and stimulation, including sand control. Various formation situations are covered in terms of defining impairment, acidising, and fracturing. Sand control deals with gravel packs, screens and liners, fracpacks and water packs, and expandable tubulars. Software will be used to demonstrate fundamental design calculations and in exercises.

Advanced Well Completion Design and Performance covers some of the more difficult reservoir situations and advanced design situations: HTHP wells, big-bore gas wells, horizontal wells, and multilateral wells. This module also outlines the concepts of nodal analysis.

assessment: assignments, group discussions, exam

PETROENG 7006

Economic Evaluation

2 units semester 1

intensive short course of lectures, tutorials and seminars

Overview of Project Economics gives an overview of discounted cash flow and net present value calculations. Also covered are performance indicators and their individual merit.

Fundamentals of Economic Evaluation covers investment decision-making processes and evaluation methods relevant for the exploration and production industry, ranging from relatively simple reservoir management decisions, such as evaluating a single-track, to major field development decisions. Methods involve deterministic, sensitivity, decision tree and full probabilistic methodologies. Performance metrics and efficiency measures are discussed in detail. Uncertainty and risk quantification are also covered.

Specialised Economic Evaluation Topics deals with comparative fiscal terms and financial concepts more linked to company performance rather than individual projects.

assessment: assignments, group discussions, exam

PETROENG 7008

Integrated Field Development Planning

2 units semester 2

intensive short course of lectures, tutorials and seminars

Field Development Planning Overview gives an over view of the process and methods for developing an optimum development plan for developing a petroleum deposit. Key project drive indicators are discussed and it is shown how various disciplines interact in their quest for maximising the value of a project.

Fundamentals of Field Development Planning covers all aspects of field development planning, commencing with screening studies after discovering hydrocarbons to project sanction. In particular, it is shown that this development phase has the potential to add maximum value, when compared to all other phases of the life cycle, as such it is most critical. Drive indicators are presented in detail in terms of actual case histories. It is shown how a proper balance has to be struck among key elements: reservoirs, wells and facilities, not to mention the balance between minimising costs and maximising recovery. Other key essentials, such as flexibility and risk management are also covered.

Advanced Technology in Field Development Planning covers some of the more recent technological advances that have made the difference in developing fields: seismic methods, reservoir characterisation, enhanced and improved recovery techniques, innovative well drilling and completion design.

assessment: assignments, group discussions, exam

PETROENG 7009

Decision-Making

2 units semester 1 or 2

intensive short course of lectures, tutorials and seminars

This course teaches the skills required for a key management role – creating value by making decisions that yield optimal returns on the allocation of human and financial resources. There are many uncertainties inherent in the oil and gas business, both in assessing current 'states-of-the world/nature' and in predicting future events. This leads to considerable uncertainty in the value that can be realised from many resource-allocation decisions. Consequently, there will be a strong emphasis on evaluating the impacts of uncertainty, managing its resultant risks and planning to exploit its up-side potential. The course will be of great benefit to people who are in, or expect to be in, decision-making roles. It will also be of benefit to those who are required to supply input to, or assure the quality of, the decision-making process.

assessment: assignments, group discussions, exam

PETROENG 7010

Portfolio and Strategic Management

2 units semester 1 or 2

intensive short course of lectures, tutorials and seminars

The prime function of managing an enterprise is to deliver value to the owners as they define it, whether the owners are private, public or government. The oil and gas industry is characterised by investments of large up-front capital expenditures, followed by uncertain returns on those investments over long periods of time. A key requirement is the development of strategies to meet value-oriented goals and the consequent selection of a portfolio of investments that is consistent with those strategies and goals. This course will equip participants with essential skills and knowledge required for roles in planning and strategy departments and for the most senior decision-making roles in an enterprise. It will also be of great benefit to asset managers (production or exploration) in illuminating the context within which funding decisions are made about their assets and/or projects.

assessment: assignments, group discussions, exam

PETROENG 7011

Asset Evaluation and Management

2 units semester 1 or 2

intensive short course of lectures, tutorials and seminars

This course builds upon the fundamental tools and processes learned in the Decision-Making and Economic Evaluation courses and emphasises their application to a range of exploration, appraisal and production problems.

For example, techniques such as Value of Information will be used to help the participants understand the value of appraisal in its many and varied forms, including drilling new wells, running additional seismic evaluations, obtaining additional well data, and conducting extended production tests. The value of designing flexibility into forward plans to mitigate downside risks (e.g. weaker aquifer support than expected) and exploit upside opportunities (e.g. higher OOIP than expected) will also be discussed. The course will address the need for a holistic approach to asset risk assessment, management and optimisation, which comprises all of the components of the system being evaluated (surface and sub-surface technical, commercial, political, economic) and the dependencies between those components. There will also be a discussion of asset management processes such as look-backs, performance-tracking, peer reviews and peer assists.

assessment: assignments, group discussions, exam

PETROENG 7012

Oil and Gas Resources and Reserves

2 units semester 1 or 2

intensive short course of lectures, tutorials and seminars

A key measure of the health of an oil and gas enterprise, and a vital piece of information for prospective owners or investors, is the current quantity of the resources at its disposal and its ability to replace those resources as they are depleted. Whether involved in exploration or production, the topic of reserves will be an acute issue for any manager, or potential manager. The definitions of oil and gas resources and reserves and the distinction between the two will be addressed. This course will help the participants understand the strengths and weaknesses of the various different reserves estimating methodologies, including deterministic and probabilistic methods, and the applicability of these methods. A thorough understanding of proved, proved plus probable and proved plus probable plus possible reserves will be gained.

assessment: assignments, group discussions, exam

PETROENG 7014A/B

Management Project Part 1 and 2

4 units full year

case studies, field visits

Experiential exposure will be provided through case studies and through individual or group projects relevant to the participant's own employment circumstances. The project title and outline will depend upon the candidate's interest and will be decided in consultation with the Academic Director of the program. It shall be carried out under the supervision of one of the academic staff. Evaluation of the project reports will be conducted jointly by the relevant academic staff and industry practitioners.

assessment: project reports and presentation

PETROENG 7017

Onshore and Offshore Facilities Concepts

2 units semester 2

intensive short course of lectures, tutorials and seminars

This is the second of the exploitation courses and deals with conceptual development planning, both onshore and offshore. It will help the participants understand the key differences in gas and oil field development planning and project feasibility assessment. Topics include offshore facilities, onshore facilities, oil vs gas developments, and production evacuation strategies.

assessment: assignments, group discussions, exam

PETROENG 7018

Operations and Maintenance Management

2 units semester 2

intensive short course of lectures, tutorials and seminars

This course will focus on management of production operations, inspection services and maintenance operations. Candidates will develop an understanding of the pros and cons of preventative maintenance vs failure-based maintenance. Facilities inspection planning and management, and corrosion management will also be addressed. This course will help the participants learn about dissecting operating costs, the human resource implications of operating cost management, outsourcing vs inhouse operations execution, and the long-term implications of maintenance cost reduction. Implications of operating cost reduction in the area of reservoir and facilities surveillance will also be addressed. Topics covered include production operation management, operating costs, maintenance management, and strategic implications of in-house vs outsourced operations.

assessment: assignments, group discussions, exam

PETROENG 7019

Well Construction Operations and Management

2 units semester 2

intensive short course of lectures, tutorials and seminars

The critical importance of cost effective drilling performance to the industry will be addressed. Participants will come to understand that drilling performance is a very strong function of non-technical issues such as team behaviour, learning curves and multidisciplinary collaboration between the geoscientists, reservoir engineers and drilling professionals. Management of completions, well diagnosis, stimulation and workover operations will be discussed. Topics covered will include building drilling teams; regulatory requirements; drilling risk management; geoscience / drilling interface; fishing operations management; time / depth, cost / depth relationships; drilling learning curves; and completions, workovers.

assessment: assignments, group discussions, exam

PETROENG 7020

Oil and Gas Marketing and Contracting

2 units semester 2

intensive short course of lectures, tutorials and seminars

This course will help the participants understand the vagaries and difficulties involved in crude price forecasting and the sensitivity of investment decisions to crude price. Principles of price and foreign exchange hedging will be addressed. The principles of gas contracting, monetary value of supply reliability and force majeure will be discussed. Concepts behind gas contract negotiation taking into account buyers' and sellers' next best alternative will be

explained. Topics under "Oil" include world supply and demand balance; oil price forecasting; posted prices, marker crudes; quality differentials; hedging; contract vs spot markets; and impact of exchange rates. Topics under "Gas" include gas contracts; sellers' and buyers' next best alternative; reliability / interruptability of supply; force majeure; term vs spot markets; determinants of gas prices; and LNG marketing.

assessment: assignments, group discussions, exam

PETROENG 7021

Fiscal and Regulatory Regimes

2 units semester 2

intensive short course of lectures, tutorials and seminars

This course will help the participants understand the fundamental principles behind the different types of fiscal and regulatory regimes in use around the world. They will learn how to analyse the impact of fiscal and regulatory regimes and their associated uncertainties and risks. They will also learn how to model the impact of fiscal regimes and how to develop proposals for their modification. Content will include industry and country analysis; work program bidding, cash bonus bidding and production sharing contracts; field redevelopment contracts; principles of unitisation; production controls; exploration and development encouragement schemes; and local content requirements.

assessment: assignments, group discussions, exam

PETROENG 7022

Mergers and Acquisitions

2 units semester 2

intensive short course of lectures, tutorials and seminars

This course will focus on the various different methodologies for valuing exploration and production assets, as well as corporate entities, their applicability and their strengths and weaknesses. The concept of strategic fit and associated premiums will be addressed. The critical importance of due diligence will be discussed through case studies. Participants will gain an understanding of the fundamental principles underlying joint ventures, farm-ins, farm-outs and unitisation. The concept of promotes will be explained. Participants will come to understand how the same asset can be worth vastly different sums to different organisations due to strategic positioning and/or tax implications. Topics will include alternative methods of property valuations; strategic premiums; due diligence with regard to reserves and production, physical assets, legal issues and balance sheets; tax credits; joint ventures, farm-ins, farm-outs; promotes and unitisation principles and methodologies.

assessment: assignments, group discussions, exam

PETROENG 7023

Project Management

2 units semester 2

intensive short course of lectures, tutorials and seminars

Project Management Concepts outlines the necessary management processes and control methods required for the successful management of resources, budgets and costs, and schedule.

Project Management in Practice covers all major elements of project management, with emphasis on delivering a project in budget and on time. Technical project drivers are analysed with respect to critical factors, for example the critical path item in the overall project schedule. Methodologies related to cost and budget estimates are presented. Discussed are tendering and contracting methodologies and their strategies are exemplified through case histories. Control methods for cost and budgets are covered, as are commercial and regulatory constrains.

Technical Uncertainties and Risks in Project Management deals with aspects of uncertainties and risks, as they relate to reservoirs, wells and facilities. Management and mitigation of these risks are also discussed.

assessment: assignments, group discussions, exam

PETROENG 7024

People and Organisational Development

2 units semester 2

intensive short course of lectures, tutorials and seminars

Managers and leaders who consistently produce outstanding results are those who recognise the need to continually work at their own development. They work at knowing and understanding themselves, knowing where they are going, understanding their people and knowing how to harness their talent and focus it towards achieving personal and organisational excellence. This course will develop sustainable approaches to support participants to: understand themselves and to embrace their uniqueness; establish, develop and sustain effective working relationships; learn how to build high performance teams; collaboratively build and nurture highly productive and harmonious organisations based on partnerships; build and sustain productive relationships with involved stakeholders such as customers, joint venture partners, environmentalists, governments, indigenous communities etc.

This course will also enable you to make better quality decisions by helping you understand how your decisions are influenced by your psychological inclinations, by your knowledge, ability and capability, by your relationships and by key external influences.

assessment: assignments, group discussions, examination

PETROENG 7025

Health, Safety and Environment

2 units semester 2

intensive short course of lectures, tutorials and seminars

The concept of using HSE performance to measure the health of an organisation will be addressed. Participants will gain an understanding of safety and environmental management systems, as well as auditing. The critical importance of sound safety and environmental management practices, as well as community relations, will be discussed. Triple bottom line accounting, particularly in reference to greenhouse gases, together with principles of carbon taxes and trading, will also be explained. Topics covered will include importance of health, safety and environment; corporate obligations; community expectations, licence to operate; relationship between health, safety and environment and operational performance; operational and process safety management; safety cases; As Low As Reasonably Practicable (ALARP) concept; safety and environmental management systems; safety and environmental auditing; greenhouse effect; carbon taxes and trading; waste management; chronic and catastrophic pollution; public communication management; fact based vs value based debates; and triple bottom line accounting.

assessment: assignments, group discussions, exam

PETROENG 7026

Information Technology

2 units semester 2

intensive short course of lectures, tutorials and seminars

The importance of fit for purpose positioning within the spectrum of rapidly evolving information technology will be explained. Participants will have the opportunity to experience using various software packages that enable the management of maintenance, reservoirs, production and financial systems. The pros and cons of software uniformity vs best in class software will be addressed. The importance of integrated databases and corporate knowledge management will also be discussed. Topics covered will include industry trends, technical and management computing, web enabled operations management, maintenance management systems, financial systems, production management systems, reservoir management systems, database management, knowledge management.

assessment: assignments, group discussions, exam

PETROENG 7027

e-Business

2 units semester 2

intensive short course of lectures, tutorials and seminars

This course addresses the rapid evolution of internet-based procurement and marketing practices. Particular focus will be on business to business procurement practices. Benefits as well as problems arising from internet marketing will be explored. Topics will include e-procurement, e-marketing, online auctions, online tendering for goods and services, e-trading of petroleum products, and organisational training requirements.

assessment: assignments, group discussions, exam

PETROENG 7029

Drilling Engineering and Operations

2 units semester 1

intensive short course of lectures, tutorials and seminars

Introduction to Drilling Systems and Operations gives an overview of basic concepts, commencing with a description of the equipment, followed by different types of rigs and a summary of various drilling operations and methods.

Fundamentals of Drilling Engineering gives a detailed understanding of drilling mechanics, drilling fluids, casing design, bottomhole assemblies and drill bit selection, drill string design, drilling hydraulics and optimisation, and well pressure control and blowout prevention. Software will be used to demonstrate fundamental design calculations and in exercises.

Specialised Drilling and Operations and Management covers the following topics: directional drilling and extended reach wells; non-scheduled events: fishing, lost circulation, stuck pipe and weather; well planning and drilling programming, drilling operations optimisation and economics.

assessment: assignments, group discussions, exam

PETROENG 7031

Integrated Reservoir Characterisation & Modelling

2 units semester 2

intensive short course of lectures, tutorials and seminars

Overview of Reservoir Characterisation and Modelling gives an overview of geological characterisation, commencing with a brief of depositional environments. Concepts of data quality control, data mining and data analysis are explained. Modelling techniques for the static model are summarised: sequence stratigraphy, spatial continuity analysis, and various statistical methods and constructs, as for example variograms and correlograms.

Fundamentals of Reservoir Characterisation and Modelling deals with all aspects of geological modelling. Subsequent to explaining the difference between interpolation and interpretation, geostatistical methods are used to explain kriging, fitting and estimating. Other topics covered are: integration of seismic data in terms of velocity models and seismic attributes; conditional simulation and preservation of heterogeneity; multiple scenario

approach and realisations and the ranking and weighting of alternatives; preparation for flow simulation and upscaling of the static model. Commercial software will be demonstrated with a number of case histories.

Practical Aspects in Reservoir Characterisation and Modelling gives guidance for appropriate use of algorithms and methodologies. Leading questions regarding appropriate methods for geologically simple and complex situations are reviewed, in terms of facies description, upscaling and other techniques, and as demonstrated through case histories and software applications.

assessment: assignments, group discussions, exam

PETROENG 7032

Integrated Reservoir Management

2 units semester 2

intensive short course of lectures, tutorials and seminars

Reservoir Management Overview gives an overview of the life cycle for developing and producing a field, from discovery to abandonment, and outlines the associated reservoir management problems and solutions. In particular highlighted are issues related to maximising recovery or project value, and minimising uncertainty and risk, and how to mitigate the latter.

Fundamentals of Reservoir Management deals with all aspects of reservoir management, covering various project phases: field appraisal, project identification and definition, feasibility and detailed design, construction and commissioning, production and abandonment. Various methods and techniques for maximising recovery are explained, such as material balance decline curve analysis, and other performance and production analysis methods. Methods from various disciplines are covered, such as geological characterisation, seismic monitoring and well test analysis. Well and facility related aspects are presented, in as much as they may impact the management of reservoirs.

Regulation and Surveillance in Reservoir Management deals with regulatory aspects related to reservoir management, including reporting requirements. This module also covers reservoir surveillance techniques, in particular as required by regulatory bodies. The emphasis will be on Australian regulations (Petroleum Submerged Lands Act) but certain generalisations and some worldwide examples are also presented, including case histories.

assessment: assignments, group discussions, exam

PETROENG 7033

Integrated Field Development & Economics Project

2 units semester 2

intensive short course of lectures, tutorials and seminars

The Project is based on an actual data set involving an offshore project. The aim is to study the exploration results and to develop a recommendation for the optimum field appraisal plan. When the actual plan and data is revealed, the second part of the project involves the feasibility and derivation of the optimum development plan. Course participants work in small teams and have to submit written plans and give presentations in front of a panel.

assessment: assignments, group discussions, exam

PETROENG 7036

Managing in a Global Environment

2 units semester 1 or 2

intensive short course of lectures, tutorials and seminars

Arguably the petroleum exploration and production industry is among the most international and global in nature. While the technical and commercial principles and processes can be clinically defined, their effective application across international boundaries is always a major challenge for every manager. This course builds participants' knowledge and understanding of cross-border business activity in two ways. First, it exposes participants to some of the practical requirements of managing businesses which are global in scope. Second, it familiarises participants with contemporary thinking about achieving global competitiveness. Among everyday issues included are: the analysis of international trade flows, the drivers of foreign direct economic integration, the character of the international monetary system and global capital market. The course also helps participants understand the different ways in which companies organise themselves to achieve global competitiveness in diverse business environments. Application of the principles of management in the varying cultural, social and fiscal environments across international boundaries will be examined.

assessment: assignments, group discussions, exam

Engineering - Technology and Communication

ENTRSHIP 5001

Marketing Technological Innovation

3 units

Develops an understanding of the forces driving competition and demand in markets or technology-intensive products and services. Covers product management decisions (design, channels/logistics, pricing/promotions etc.) across stages of product life-cycles affecting technology products. Enhances skills in analysing competitive trends, identifying threats and opportunities, designing new products, and/or marketing strategies. Students develop a marketing strategy and perform a market analysis to define potential markets for a technology.

ENTRSHIP 5002

Managing Product Design and Development

3 units

Addresses the many and best practices organisations are using to accelerate the product development and production processes. Students develop case studies of methodologies for managing the technology and product development cycle.

ENTRSHIP 5003

Strategic Analysis: Technology Commercialisation

3 units

In this course we study approaches to technology and commercialisation as part of business and corporate strategy. Two main frameworks used are Michael Porter's Five Forces and Clusters models, and the Resource Based View. We then develop them significantly by studying the economics of information rich products and relevant case study analyses.

ENTRSHIP 5004

Managing Risk

3 units

Addresses decision and risk analysis, methods for structuring and modelling decision problems, and application of methods to a variety of problems that involve risk and uncertainty related to the commercialisation of new technologies and development of projects. Students apply risk analysis tools to a commercialisation assessment problem or a project development.

ENTRSHIP 5005

Financing Commercialisation

3 units

Examines financial planning methods for determining capital requirements, and various ways of financing growth and making investment decisions. Among the forms of financing examined are angles and informal investors, venture capital, debt capital, and inside and outside equity. Students create plans for the financing of a technology venture.

ENTRSHIP 5006

Technology Management and Transfer

3 units

Addresses the evaluation, formulation and use of technology transfer models. Emphasis is placed on case studies of facilitating factors and barriers to collaborative relationships. Students develop and document a technology transfer model.

ENTRSHIP 5007

Legal Issues of the Commercialisation Process

3 units

Examines the numerous legal challenges organisations face as they commercialise technology in a global environment. In addition to studying the basic regulatory requirements for intellectual property and patent protection, students gain an understanding of the process of technology licensing and methods for valuation of intellectual property. Students develop strategies and plans by which to manage and protect the knowledge assets of a technology venture.

ENTRSHIP 5008

Leading and Managing

3 units

Innovative management deals with new concepts and ideas, initiatives, and methods that can be used to provide new directions or modes of operation for individuals, organisations and activities. Focuses on the ability to implement these ideas and to move successfully in new directions. Participants perform management case studies that evaluate creativity, innovation and entrepreneurial management skills. Attention is given to Topics include: Teamwork & Leadership; Communication Effectiveness; Change & Innovation Management; Negotiation; Entrepreneurial attributes, skills and actions; Advocacy; Knowledge Management

assessment: coursework, including class presentations

ENTRSHIP 5009

Business and Contract Management

3 units

This course provides students with an overview of Contract Law, an understanding of the key processes in managing internal agreements and formal contracts including procurement strategies and contract options, contract documentation, tendering, evaluating and selection, contract administration, claims management, negotiation and dispute resolution. The course then focuses on the strategies required to manage project producing organisations, including strategy and core competence, quality, internal processes and human resources.

ENTRSHIP 5010

Technology Project Management

3 units

This course focuses primarily on the project management of software intensive projects and the ways project management of software projects differs from project management of large capital projects. The objectives include provide adequate understanding of software development processes to enable management of capital

projects with a significant software component; understanding major factors that contribute to success or failure of software projects; understanding the relationship between the software and other elements; and, being able to monitor the development of software intensive projects.

ENTRSHIP 5011

Internationalisation of Technology

3 units

Addresses a broad and special set of issues of commercialising technology on a global scale, including international country policies, supra-country trade policies (including GATT, NAFTA, etc.), import/export processes, financing issues, critical technologies and country profiles. Addresses importing or exporting a new technology or intellectual property to any foreign market through a variety of technology transfer strategies which account for public policies and interrelated competitiveness issues. Students engage in role-playing exercises designed around an international commercialisation project.

ENTRSHIP 5012

Integrated Logistics Support

3 units

This courses introduces participants to the issues and basic principles of Integrated Logistics Support of complex equipment and field systems. ILS considerations impact key aspects of system development and are typically major life-cycle cost drivers. They need to be effectively considered and specified so that they can be "designed into" a system. This subject provides managers or participants involved in management or development and acquisition and support of systems with the understanding of the key issues required to effectively specify and manage acquisition and operational support.

ENTRSHIP 5013

Systems Engineering

3 units

This course introduces participants to the concepts and techniques of Systems Engineering. Systems Engineering is a key discipline required to ensure development of effective systems to clearly defined requirements. This course provides managers or participants involved in management or development and acquisition of systems with the understanding of Systems Engineering required to effectively manage such development or acquisition.

ENTRSHIP 5014

Science and Technology Management: Tools and Techniques

3 units

This unit is made up of three components: judgment & decision making tools, e-commerce and value management.
Part A: Judgment & decision making topics contribute to strategy, both global and of competitive strategy between businesses. Managers need to be competent at making sound judgments, and effective decisions across many areas of an organisation and in some situations, at short notice. This course provides participants with a range of valuable tools and techniques in order to manage effectively. Topics such as: the decisional roles of management, decision making processes, skills and tools, decision trees, rational decision making, group decision making, problem solving.
Part B: e-commerce examines government policy for e-commerce and then examines the successful application of e-commerce in business settings. Finally it examines what is required to convert manual commercial processes to electronic commerce.
Part C: Value management develops creativity skills in participants and examines products being developed on the basis of the functions of the product, and the costs of these. The products are then analysed in order to reduce the costs of the functions and the product.

ENTRSHIP 5015

Project Finance and Accounting

3 units

Engineers, scientists and technologists understand that a good grasp of accounting and financial management disciplines are crucial to success. This course is designed to take such professionals through the essential knowledge and skills development in areas such as: accounting concepts, understanding and analysing financial statements, book keeping, the accounting cycle, cash flow, company accounting, budgeting and planning, an introduction to management accounting. This course introduces financial modelling, analysis of project proposals and cost optimisation. Major topics include the time value of money and capital budgeting processes, depreciation, capitalisation and valuation, sensitivity analysis, value management, earned value, life cycle costing. It includes familiarisation with and use of computer software applications.

ENTRSHIP 5016

Entrepreneurship and Innovation

3 units

A technology-based approach to entrepreneurship and innovation is followed. The course starts with the economic need for entrepreneurship, new products, services and businesses. A novel approach to business structure is introduced, which leads to highlighting the role of innovation and the need for technology in all

applications. The acquisition and transfer of knowledge to support innovation is studied, together with the management of an innovative enterprise. The course concludes with an overview of the unique process whereby innovative products and services are marketed.

assessment: coursework, including class presentations

ENTRSHIP 5017

New Enterprise Financial Management

3 units

This course aims to provide students with a sound grasp of the theory, principles and practice of financial management of smaller sized businesses that are owner-operated and controlled. Modern finance theory is introduced and the application of this theory to the specific circumstances of small enterprises is developed. Sound financial management is critical to the survival and success of these businesses and students will be introduced to the issues and basic principles of Integrated Logistics Support of complex equipment and field systems. ILS considerations impact key aspects of system development and are typically major life-cycle cost drivers. They need to be effectively considered and specified so that they can be "designed into" a system. This subject provides managers or participants involved in management or development and acquisition and support of systems with the understanding of the key issues required to effectively specify and manage acquisition and operational support.

ENTRSHIP 5018

Opportunity Assessment

3 units

This course is aimed at anyone who needs to assess possible business opportunities including possible project management opportunities that are mainly, but not exclusively, based on an innovative technological concept.

Rapid screening techniques are introduced, which will address the underlying business concept, the base technology, benefits to customers, potential markets, financial feasibility, risk and benefits to the organisation and the next steps to be taken. Opportunity screening protocols will be treated in depth and a comprehensive venture - screening guide will be developed during the course. The course will also provide an introduction to the business planning process for a new enterprise.

ENTRSHIP 5019

New Enterprise Marketing

3 units

The purpose of this course is to provide students with an introduction to the core marketing functions of a new/small enterprise. The course will provide opportunities for students to develop skills in preparing and critically appraising marketing plans. The course also focuses on the knowledge and understanding required by a manager or business owner to direct the marketing of a small business or its product. Topics will include: marketing plans, market research, marketing strategies, product, price, promotion.

ENTRSHIP 5020

New Enterprise Operations

3 units

The purpose of this course is to provide students with a sound understanding of a range of operational issues relevant to the new enterprise. Topics covered include: layout and location of business, sourcing suppliers, quality assurance/management and human resource management.

ENTRSHIP 5021

Applied Project Management I

3 units

Introduces the context, rationale, strategy and tactics of project management from the perspectives of key stakeholders. Project phases are identified and examined. The importance of project planning and control is emphasised. Various models of project management are covered including the Project Management Body of Knowledge, PRINCE 2 and IPMA, as are the internationally recognised areas of knowledge, the iterative processes and the core skills required by successful project managers. Participants will be expected to relate the learning directly to projects from their experience and as a course assignment will be able to apply what they have learnt to an actual work place project.

ENTRSHIP 5022A/B

Project Management Project

9 units

Identification of a project topic and developing the objectives of this. Understanding of business and project objectives and articulation of these into the project requirements. Structuring the project proposal and creating a work breakdown structure of the focuses required to achieve the objectives. Understanding of the research and project process for developing a business plan or achieving project goals. Development of the project structure and plan to demonstrate how scope, time, cost, quality, risk, human resources, communication and procurement, achieve project objectives. Documentation of these into a project process. Monitoring the achievement of the project plan and reporting on this in an appropriate report.

ENTRSHIP 5023

Project Management Project (6 Units)

6 units

Identification of a project topic and developing the objectives of this. Understanding of business and project objectives and articulation of these into the project requirements. Structuring the project proposal and creating a work breakdown structure of the focuses required to achieve the objectives. Understanding of the research and project process for developing a business plan or achieving project goals. Development of the project structure and plan to demonstrate how scope, time, cost, quality, risk, human resources, communication and procurement, achieve project objectives. Documentation of these into a project process. Monitoring the achievement of the project plan and reporting on this in an appropriate report.

ENTRSHIP 5024

Project Management Project (3 Units)

3 units

Identification of a project topic and developing the objectives of this. Understanding of business and project objectives and articulation of these into the project requirements. Structuring the project proposal and creating a work breakdown structure of the focuses required to achieve the objectives. Understanding of the research and project process for developing a business plan or achieving project goals. Development of the project structure and plan to demonstrate how scope, time, cost, quality, risk, human resources, communication and procurement, achieve project objectives. Documentation of these into a project process. Monitoring the achievement of the project plan and reporting on this in an appropriate report.

ENTRSHIP 5025

Commercialisation: Process and Strategy

3 units

The course will provide students with an overview of the various issues associated with the commercialisation of knowledge and technology (represented in Intellectual Property). This course intends to provide students with an introduction to the commercialisation process, access to tools and methodologies used in commercialisation and an appreciation of the strategic role that commercialisation can play within industry and the public sector.

ENTRSHIP 5026

Applied Project Management II

3 units

This course is designed to extend the knowledge of participants who have completed Applied Project Management 1 in the key areas of scope and quality, time, and cost of technology based projects. The course is designed to focus on the application of these concepts to three or four key industries, such as manufacturing, construction, consulting engineering and information technology. Scope and quality, cost and time, will be examined through concentration on the special processes, tools and techniques of defining, planning and controlling these. Course participants will be introduced to the methods for each of these key focuses and then will be assisted in applying the methods to their own industry.

ENTRSHIP 5027

Business and Project Creation

3 units

This course examines the innovation and entrepreneurial skills required to identify and develop business and project opportunities in a technology context. These include understanding the importance of innovation and entrepreneurship to economies, industry and competitive analysis, role of foresight, innovation and entrepreneurship processes, competitive analysis and business and project strategy, establishing feasibility and organising finance, legal and governance issues of establishing a business and finally developing the business. The objectives are to build understanding and skills in participants to equip them to achieve actual business and project creation.

ENTRSHIP 5028A/B

Project in Entrepreneurship

9 units

The student will undertake a project in business enterprise with the general guidance of a supervisor. The project may involve the development of a business plan for a new venture and it will also allow a candidate to pursue research into an area or topic related to entrepreneurship. Previous candidates have also used the Project as a vehicle for undertaking business research that leads to a report documenting the means by which an established organisation may improve its performance should it implement strategies designed to raise the level of innovation through entrepreneurial management.

ENTRSHIP 5029

Project in Entrepreneurship (6 units)

6 units

The student will undertake a project in business enterprise with the general guidance of a supervisor. The project may involve the development of a business plan for a new venture and it will also allow a candidate to pursue research into an area or topic related to entrepreneurship. Previous candidates have also used the Project as a vehicle for undertaking business research that leads to a report documenting the means by which an established organisation may improve its performance should it implement strategies designed to raise the level of innovation through entrepreneurial management.

ENTRSHIP 5030

Project in Entrepreneurship (3 units)

3 units

The student will undertake a project in business enterprise with the general guidance of a supervisor. The project may involve the development of a business plan for a new venture and it will also allow a candidate to pursue research into an area or topic related to entrepreneurship. Previous candidates have also used the Project as a vehicle for undertaking business research that leads to a report documenting the means by which an established organisation may improve its performance should it implement strategies designed to raise the level of innovation through entrepreneurial management. .

TECHCOMM 5001

Marketing Technological Innovation

3 units

Develops an understanding of the forces driving competition and demand in markets or technology-intensive products and services. Covers product management decisions (design, channels/logistics, pricing/promotions etc.) across stages of product life-cycles affecting technology products. Enhances skills in analysing competitive trends, identifying threats and opportunities, designing new products, and/or marketing strategies. Students develop a marketing strategy and perform a market analysis to define potential markets for a technology.

TECHCOMM 5002

Managing Product Design and Development

3 units

Addresses the many and best practices organisations are using to accelerate the product development and production processes. Students develop case studies of methodologies for managing the technology and product development cycle.

TECHCOMM 5003

Strategic Analysis: Technology Commercialisation

3 units

In this course we study approaches to technology and commercialisation as part of business and corporate strategy. Two main frameworks used are Michael Porter's Five Forces and Clusters models, and the Resource Based View. We then develop them significantly by studying the economics of information rich products and relevant case study analyses.

TECHCOMM 5004

Managing Risk

3 units

Addresses decision and risk analysis, methods for structuring and modelling decision problems, and application of methods to a variety of problems that involve risk and uncertainty related to the commercialisation of new technologies and development of projects. Students apply risk analysis tools to a commercialisation assessment problem or a project development.

TECHCOMM 5005

Financing Commercialisation

3 units

Examines financial planning methods for determining capital requirements, and various ways of financing growth and making investment decisions. Among the forms of financing examined are angles and informal investors, venture capital, debt capital, and inside and outside equity. Students create plans for the financing of a technology venture.

TECHCOMM 5006

Technology Management and Transfer

3 units

Addresses the evaluation, formulation and use of technology transfer models. Emphasis is placed on case studies of facilitating factors and barriers to collaborative relationships. Students develop and document a technology transfer model.

TECHCOMM 5007

Legal Issues of the Commercialisation Process

3 units

Examines the numerous legal challenges organisations face as they commercialise technology in a global environment. In addition to studying the basic regulatory requirements for intellectual property and patent protection, students gain an understanding of the process of technology licensing and methods for valuation of intellectual property. Students develop strategies and plans by which to manage and protect the knowledge assets of a technology venture.

TECHCOMM 5008

Leading and Managing

3 units

This course deals with new concepts and ideas, initiatives, and methods that can be used to provide new directions or modes of operation for individuals, organisations and activities. Focuses on the ability to implement these ideas and to move successfully in new directions. Participants perform management case studies that

evaluate creativity, innovation and entrepreneurial management skills. Attention is given to Topics include: Teamwork & Leadership; Communication Effectiveness; Change & Innovation Management; Negotiation; Entrepreneurial attributes, skills and actions; Advocacy; Knowledge Management.

assessment: coursework, including class presentations

TECHCOMM 5009
Business and Contract Management

3 units

This course provides students with an overview of Contract Law, an understanding of the key processes in managing internal agreements and formal contracts including procurement strategies and contract options, contract documentation, tendering, evaluating and selection, contract administration, claims management, negotiation and dispute resolution. The course then focuses on the strategies required to manage project producing organisations, including strategy and core competence, quality, internal processes and human resources.

TECHCOMM 5010
Technology Project Management

3 units

This course focuses primarily on the project management of software intensive projects and the ways project management of software projects differs from project management of large capital projects. The objectives include provide adequate understanding of software development processes to enable management of capital projects with a significant software component; understanding major factors that contribute to success or failure of software projects; understanding the relationship between the software and other elements; and, being able to monitor the development of software intensive projects.

TECHCOMM 5011
Internationalisation of Technology

3 units

Addresses a broad and special set of issues of commercialising technology on a global scale, including international country policies, supra-country trade policies (including GATT, NAFTA, etc.), import/export processes, financing issues, critical technologies and country profiles. Addresses importing or exporting a new technology or intellectual property to any foreign market through a variety of technology transfer strategies which account for public policies and interrelated competitiveness issues. Students engage in role-playing exercises designed around an international commercialisation project.

TECHCOMM 5012
Integrated Logistics Support

3 units

This courses introduces participants to the issues and basic principles of Integrated Logistics Support of complex equipment and field systems. ILS considerations impact key aspects of system development and are typically major life-cycle cost drivers. They need to be effectively considered and specified so that they can be "designed into" a system. This subject provides managers or participants involved in management or development and acquisition and support of systems with the understanding of the key issues required to effectively specify and manage acquisition and operational support.

TECHCOMM 5013
Systems Engineering

3 units

This course introduces participants to the concepts and techniques of Systems Engineering. Systems Engineering is a key discipline required to ensure development of effective systems to clearly defined requirements. This course provides managers or participants involved in management or development and acquisition of systems with the understanding of Systems Engineering required to effectively manage such development or acquisition.

TECHCOMM 5014
Science and Technology Management: Tools and Techniques

3 units

This unit is made up of three components: judgment & decision making tools, e-commerce and value management. Part A: Judgment & decision making topics contribute to strategy, both global and of competitive strategy between businesses. Managers need to be competent at making sound judgments, and effective decisions across many areas of an organisation and in some situations, at short notice. This course provides participants with a range of valuable tools and techniques in order to manage effectively. Topics such as: the decisional roles of management, decision making processes, skills and tools, decision trees, rational decision making, group decision making, problem solving. Part B: e-commerce examines government policy for e-commerce and then examines the successful application of e-commerce in business settings. Finally it examines what is required to convert manual commercial processes to electronic commerce. Part C: Value management develops creativity skills in participants and examines products being developed on the basis of the functions of the product, and the costs of these. The products are then analysed in order to reduce the costs of the functions and the product.

TECHCOMM 5015

Project Finance and Accounting

3 units

Engineers, scientists and technologists understand that a good grasp of accounting and financial management disciplines are crucial to success. This course is designed to take such professionals through the essential knowledge and skills development in areas such as: accounting concepts, understanding and analysing financial statements, book keeping, the accounting cycle, cash flow, company accounting, budgeting and planning, an introduction to management accounting. This course introduces financial modelling, analysis of project proposals and cost optimisation. Major topics include the time value of money and capital budgeting processes, depreciation, capitalisation and valuation, sensitivity analysis, value management, earned value, life cycle costing. It includes familiarisation with and use of computer software applications.

TECHCOMM 5016

Entrepreneurship and Innovation

3 units

A technology-based approach to entrepreneurship and innovation is followed. The course starts with the economic need for entrepreneurship, new products, services and businesses. A novel approach to business structure is introduced, which leads to highlighting the role of innovation and the need for technology in all applications. The acquisition and transfer of knowledge to support innovation is studied, together with the management of an innovative enterprise. The course concludes with an overview of the unique process whereby innovative products and services are marketed.

assessment: coursework, including class presentations

TECHCOMM 5017

New Enterprise Financial Management

3 units

This course aims to provide students with a sound grasp of the theory, principles and practice of financial management of smaller sized businesses that are owner-operated and controlled. Modern finance theory is introduced and the application of this theory to the specific circumstances of small enterprises is developed. Sound financial management is critical to the survival and success of these businesses and students will be introduced to the issues and basic principles of Integrated Logistics Support of complex equipment and field systems. ILS considerations impact key aspects of system development and are typically major life-cycle cost drivers. They need to be effectively considered and specified so that they can be "designed into" a system. This subject provides managers or participants involved in management or development and acquisition and support of systems with the understanding of the key issues required to effectively specify and manage acquisition and operational support.

TECHCOMM 5018

Opportunity Assessment

3 units

This course is aimed at anyone who needs to assess possible business opportunities including possible project management opportunities that are mainly, but not exclusively, based on an innovative technological concept.

Rapid screening techniques are introduced, which will address the underlying business concept, the base technology, benefits to customers, potential markets, financial feasibility, risk and benefits to the organisation and the next steps to be taken. Opportunity screening protocols will be treated in depth and a comprehensive venture - screening guide will be developed during the course. The course will also provide an introduction to the business planning process for a new enterprise.

TECHCOMM 5019

New Enterprise Marketing

3 units

The purpose of this course is to provide students with an introduction to the core marketing functions of a new/small enterprise. The course will provide opportunities for students to develop skills in preparing and critically appraising marketing plans. The course also focuses on the knowledge and understanding required by a manager or business owner to direct the marketing of a small business or its product. Topics will include: marketing plans, market research, marketing strategies, product, price, promotion.

TECHCOMM 5020

New Enterprise Operations

3 units

The purpose of this course is to provide students with a sound understanding of a range of operational issues relevant to the new enterprise. Topics covered include: layout and location of business, sourcing suppliers, quality assurance/management and human resource management.

TECHCOMM 5021

Applied Project Management I

3 units

Introduces the context, rationale, strategy and tactics of project management from the perspectives of key stakeholders. Project phases are identified and examined. The importance of project planning and control is emphasised. Various models of project management are covered including the Project Management Body

of Knowledge, PRINCE 2 and IPMA, as are the internationally recognised areas of knowledge, the iterative processes and the core skills required by successful project managers. Participants will be expected to relate the learning directly to projects from their experience and as a course assignment will be able to apply what they have learnt to an actual work place project.

TECHCOMM 5022A/B

Project Management Project: Part 1 and 2

9 units

Identification of a project topic and developing the objectives of this. Understanding of business and project objectives and articulation of these into the project requirements. Structuring the project proposal and creating a work breakdown structure of the focuses required to achieve the objectives. Understanding of the research and project process for developing a business plan or achieving project goals. Development of the project structure and plan to demonstrate how scope, time, cost, quality, risk, human resources, communication and procurement, achieves project objectives. Documentation of these into a project process. Monitoring the achievement of the project plan and reporting on this in an appropriate report.

TECHCOMM 5023

Project Management Project (6 units)

6 units

Identification of a project topic and developing the objectives of this. Understanding of business and project objectives and articulation of these into the project requirements. Structuring the project proposal and creating a work breakdown structure of the focuses required to achieve the objectives. Understanding of the research and project process for developing a business plan or achieving project goals. Development of the project structure and plan to demonstrate how scope, time, cost, quality, risk, human resources, communication and procurement, achieves project objectives. Documentation of these into a project process. Monitoring the achievement of the project plan and reporting on this in an appropriate report.

TECHCOMM 5024

Project Management Project (3 units)

3 units

Identification of a project topic and developing the objectives of this. Understanding of business and project objectives and articulation of these into the project requirements. Structuring the project proposal and creating a work breakdown structure of the focuses required to achieve the objectives. Understanding of the research and project process for developing a business plan or achieving project goals. Development of the project structure and plan to demonstrate how scope, time, cost, quality, risk, human resources, communication and procurement, achieves project objectives. Documentation of these into a project process. Monitoring the achievement of the project plan and reporting on this in an appropriate report.

TECHCOMM 5025

Commercialisation: Process and Strategy

3 units

The course will provide students with an overview of the various issues associated with the commercialisation of knowledge and technology (represented in Intellectual Property). This course intends to provide students with an introduction to the commercialisation process, access to tools and methodologies used in commercialisation and an appreciation of the strategic role that commercialisation can play within Industry and the public sector.

TECHCOMM 5026

Applied Project Management II

3 units

This course is designed to extend the knowledge of participants who have completed Applied Project Management 1 in the key areas of scope and quality, time, and cost of technology based projects. The course is designed to focus on the application of these concepts to three or four key industries, such as manufacturing, construction, consulting engineering and information technology. Scope and quality, cost and time, will be examined through concentration on the special processes, tools and techniques of defining, planning and controlling these. Course participants will be introduced to the methods for each of these key focuses and then will be assisted in applying the methods to their own industry.

TECHCOMM 5027

Business and Project Creation

3 units

This course examines the innovation and entrepreneurial skills required to identify and develop business and project opportunities in a technology context. These include understanding the importance of innovation and entrepreneurship to economies, industry and competitive analysis, role of foresight, innovation and entrepreneurship processes, competitive analysis and business and project strategy, establishing feasibility and organising finance, legal and governance issues of establishing a business and finally developing the business. The objectives are to build understanding and skills in participants to equip them to achieve actual business and project creation.

TECHCOMM 5028A/B

Project in Entrepreneurship Parts 1 and 2

9 units

The student will undertake a project in business enterprise with the general guidance of a supervisor. The project may involve the development of a business plan for a new venture and it will also allow a candidate to pursue research into an area or topic related to entrepreneurship. Previous candidates have also used the Project as

a vehicle for undertaking business research that leads to a report documenting the means by which an established organisation may improve its performance should it implement strategies designed to raise the level of innovation through entrepreneurial management.

TECHCOMM 5029

Project in Entrepreneurship (6 Units)

6 units

The student will undertake a project in business enterprise with the general guidance of a supervisor. The project may involve the development of a business plan for a new venture and it will also allow a candidate to pursue research into an area or topic related to entrepreneurship. Previous candidates have also used the Project as a vehicle for undertaking business research that leads to a report documenting the means by which an established organisation may improve its performance should it implement strategies designed to raise the level of innovation through entrepreneurial management.

TECHCOMM 5030

Project in Entrepreneurship (3 Units)

3 units

The student will undertake a project in business enterprise with the general guidance of a supervisor. The project may involve the development of a business plan for a new venture and it will also allow a candidate to pursue research into an area or topic related to entrepreneurship. Previous candidates have also used the Project as a vehicle for undertaking business research that leads to a report documenting the means by which an established organisation may improve its performance should it implement strategies designed to raise the level of innovation through entrepreneurial management.

TECHCOMM 7006A/B

Masters Project (Australia) Part 1 and 2

12 units

This project provides participants with the opportunity to gain the knowledge and innovation skills to cope with the formidable economic, social, financial, and political changes associated with creating value from knowledge in an age of global information and digital knowledge. The focus is on the transfer of research, knowledge, and technology from the laboratory to the market.

The project commences with coverage of the commercialisation process, centring on getting ideas, innovations, or discoveries into the marketplace in the form of products or services, or into the value chain at any step, to increase the competitive advantage of the enterprise. This phase is designed to provide an overview of the technology commercialisation process, with special emphasis on the sub processes of technology assessment. Participants are engaged in technology assessment projects that link the activities of research and development, product and process design, technology transfer and marketing, new venture financing, technology entrepreneurship and intrapreneurship, protection of intellectual property, and management.

Upon completion of the in depth opportunity and feasibility analysis, the focus moves to recognising venture opportunities, developing ideas for ventures into venture plans, assessing venture ideas and models, improving venture plans, and communicating venture plans to stakeholders to obtain resources to proceed to the next stage of commercialisation of a technology. Special emphasis is placed on the role of the entrepreneurial team as a major success factor in developing the new venture.

TECHPJIL 7000A/B

Masters Project (International) Part 1 and 2

12 units

The ability to commercialise new knowledge rapidly is essential for competitive advantage in dynamically changing private and public sector environments. Commercialisation is key to the reinvention of organisations and the basis for the creation of new knowledge-based enterprises.

The International Science and Technology specialised Masters of Commercialisation project provide participants with the opportunity to gain the knowledge and innovation skills to cope with the formidable economic, social, financial, and political changes associated with creating value from knowledge in an age of global information and digital knowledge. The focus is on the transfer of research, knowledge, and technology from the laboratory to the market. This is undertaken by successfully completing three UT courses: Converting Technology to Wealth, The Art and Science and Market Driven Entrepreneurship and Technology Enterprise Design and Implementation. The project includes an orientation session at the University of Texas in Austin. Additional work involves bringing together, in a commercialisation plan, the outcomes of the students' participation in a global, University of Texas-based classroom.

ENGLISH

ENGL 5001

Work in Progress

8 units semester 1

eligibility: postgraduate Creative Writing students

This course provides a forum for presentation and discussion of current student writing in various creative genres; notably novel, short fiction, poetry and drama. Seminars will focus on literary themes, theories and models. Participants will read and discuss each other's work and a wide selection of published writing.

ENGL 5002

Creative Writing Study A

4 units semester 1

eligibility: postgraduate Creative Writing students

This course will focus on the reading and analysis of literary texts. Student writers will be able to explore the crossflow between critical and creative reading and writing.

ENGL 5003

Creative Writing Study B

4 units semester 2

eligibility: postgraduate Creative Writing students

This course advances the work begun in ENGL 5002 Creative Writing Study A

ENGL 5004

Advanced Work in Progress

8 units semester 2

eligibility: postgraduate Creative Writing students

prerequisite: ENGL 5001 Work in Progress

This course advances the work begun in Work in Progress.

ENGL 5500A/B

Creative Writing Dissertation

24 units full year

eligibility: M.A.(Creative Writing) students

Supervision, arranged with program convener.

prerequisite: Graduate Diploma in Creative writing or equivalent

An extended writing project in a single literary genre.

ENVIRONMENTAL BIOLOGY

ENV BIOL 7004WT

Biology and Diversity of Insects

3 units semester 1

2 lectures, 4 hours practicals a week

assumed knowledge: ENV BIOL 2000 Zoology EB II or ANIML SC Agricultural Zoology or equivalent

After a brief review covering the internal anatomy of insects and the processes involved in metamorphosis, excretion and reproduction, a number of specific topics will be explored in more detail, including: morphological and biological characteristics of the major insect orders; life histories of selected pest and beneficial species; sociality, caste formation and nest building in termites; sound production methods and functions; feeding mechanisms; adaptations and biology of vertebrate ectoparasites; insects as disease vectors of plants and animals; production and function of silk in insects and arachnids; mimicry and defensive adaptations; sociality and parasitism in the Hymenoptera.

The practical component will examine collecting techniques, identification of adult insects to family level, identification of immature stages and feeding damage. A requirement of the course is the presentation of a well-curated insect collection and attendance at a compulsory field trip during semester.

assessment: to be advised

ENV BIOL 7011WT

Ecology & Management of Freshwater Systems III

3 units semester 1

2 lectures, 4 hours laboratory/field practicals per week, computer exercises

assumed knowledge: ENV BIOL 2003 Ecology EBII or APP ECOL 2010RW Population Ecology

restriction: depending on timetabling restrictions, this course may be deactivated in 2004 and students directed to ENV BIOL 3004 Freshwater Ecology III

This course provides students with an understanding of ecological processes, food webs and nutrient cycles governing freshwater lakes, wetlands and streams. The course also introduces concepts for the assessment and management of algal blooms, eutrophication, salinity and environmental flows of freshwater systems. Field practicals will be conducted on water quality monitoring and biological surveys of South Australian drinking water reservoirs and the Urrbrae wetland.

ENV BIOL 7015RW

Conservation Biology

3 units not offered in 2004

2 lectures, 4 hours practical per week

assumed knowledge: ENV BIOL 2003 Ecology EBII, STATS 1002RW Data Management & Interpretation or equivalent

This course deals with key biological characteristics of native plant and animal species which influence their survival in increasingly disturbed and fragmented habitats. Topics include reproduction and renewal, conservation genetics, plant and animal interactions, habitat management, endangered species management, population viability analysis, reserve design in theory and practice, use of corridors, impacts of fragmentation. The politics, legislation and economics of conservation issues like endangered species and regional biodiversity management planning are explored.

assessment: exam, practicals/assignments

ENVIRONMENTAL MANAGEMENT

ENVT 5001NA

Environmental Audit

eligibility: postgraduate International Environmental Management students

prerequisite: Environmental Management Systems

Environmental audits of both sites and environmental management systems are a vital activity for organisations aiming continuously to improve their environmental performance. The Environmental Audit module provides over 40 hours of training in both comprehensive site auditing and the methods for auditing ISO14001 Environmental Management Systems. Students undertake a site audit and a simulated EMS audit. The course is externally accredited.

assessment: practical exercise in site auditing, open book exam

ENVT 5010NA

Environmental Impact Assessment (Int)

3 units

eligibility: postgraduate International Environmental Management students

This module outlines the international development of Environmental Impact Assessment (EIA) and describes the methods and practice of project EIA in a number of Asian countries and Australia. EIA procedures including screening, scoping, assessment, EIS preparation, participation techniques and monitoring are presented though cases ranging across urban, rural, industrial, mining and marine projects. The benefits of environmental appraisal of policies, plans and programs are considered, through Strategic Environmental Assessment (SEA), and an introduction to the methods of SEA and Cumulative Effects Assessment is given. The Environmental Overview model as a tool for EIA in developing countries is critically examined. Participants work in teams to prepare a 'Draft Environmental Impact Statement' on a proposed development and critically evaluate the quality of an EIS for an existing development.

ENVT 5013NA

Biodiversity Conservation

3 units semester 1 or 2

eligibility: postgraduate International Environmental Management students

The fundamentals of conservation biology are studied with a focus firstly on local conservation issues in the context of urban biodiversity and secondly on global conservation principles and issues. Problems, issues and solutions are examined relating to the conservation of biodiversity and the greening of the built environment in urban settings and the restoration and rehabilitation of fragmented rural landscapes. Strategies for resolving the issues may include government, business/industry and community partnerships. The ecological principles underpinning the management of global biodiversity resources are reviewed and management is seen to depend on both the scientific assessment of the worth of the natural asset and value judgements as to its worth relative to other resources. These values are considered within disciplinary and cultural contexts.

ENVT 5014NA

Environmental Management Challenge

3 units

eligibility: postgraduate International Environmental Management students

prerequisite: 12 units of Environmental Management courses

As a personal, practical exercise in environmental problem solving and management, participants document a case study of the resolution of an environmental issue or problem - local or global - and develop policy aspects and management strategies that are appropriate for their home country or organisation and its people. A staff member will be assigned as supervisor for each student, to assist with project definition, provision of additional resource material and general guidance. The case study report should be in English, 5000 to 7000 words in length, with information sources referenced in Harvard style, and be of publishable quality. Advice on obtaining approval of a suitable topic, conduct of the study and examples of the required report style are provided to students. The final draft is submitted for assessment by an examiner other than the supervisor.

ENVT 5016NA

Environmental Management Systems

3 units

eligibility: postgraduate International Environmental Management students

Environmental legislation in many countries has obliged companies, government agencies, local/municipal governments and public utilities to take stock of their liability for environmental damage, and introduce environmental management systems, designed to improve environmental performance, achieve greenhouse and other policy targets, safeguard urban amenity and community health, reduce risks, save resource costs and improve productivity. Environmental risk assessment (qualitative and quantitative), monitoring, environmental audits and the integration of environmental improvement plans with quality management and occupational health and safety are being adopted by organisations aiming to run cleaner, better, and more profitably. Through seminars, workshops and case studies, participants practise EMS implementation and gain a working understanding of the ISO14000 series, its relation with quality and other standards, and experience in the use of practical tools for environmental risk management.

ENVT 5019NA

Environmental Project Management

3 units

eligibility: postgraduate International Environmental Management students

The distinctive features of the design and management of environmental projects, whether on the ground or less tangible, are examined in this module. First we think about how we may achieve change in people's behaviour toward the environment, why this is necessary and whether it can find expression in projects that generate profits, while at the same time maintain or improve environmental quality. The mechanics of project management, the use of experimental design and predictive simulations, monitoring programs, obtaining funding and sponsorships, establishing partnerships between government and private organisations and effective corporate communication and negotiation, are aspects that are considered through a case study in environmental management which may vary from time to time. Previous cases have included projects in Ecotourism, Biodiversity Restoration and Renewable Resources.

ENVT 5033NA

Issues in Sustainable Development

3 units

eligibility: postgraduate International Environmental Management students

Our starting point is an inquiry into local, regional and global environmental problems in developing and industrialised countries, such as soil, water and air pollution; health hazards and disease; climate change and possible sea-level rise; land degradation; ozone depletion; deforestation and biodiversity loss. The varying ways in which policy is formulated and implemented and the meanings and measurement of sustainable development are examined. International conventions and their coordination with national policy instruments are considered. We look at and beyond the visible symptoms of degradation to the root causes of the problems and examine how our natural resources may be managed in an integrated and ecologically sustainable way by evaluation of the environmental, social and economic costs and benefits, leading to the generation of policy which has the twin goals of sustaining the resource base and increasing the welfare of all people now and in

the future. Participants undertake simulation exercises and writing assignments in policy building.

ENVT 5035NA

Cleaner Production

3 units

eligibility: postgraduate International Environmental Management students

Pollution of soil, air and water is a serious problem in many parts of the world, particularly in cities where rapidly growing industrial development has outstripped the implementation of environmental protection and planning legislation. In this module we emphasise the importance of choosing environmentally sound technologies to prevent those problems, rather than end-of-pipe solutions. We investigate high-tech solutions to degradation of environmental quality, while recognising that in some cases their use is adding to the problem. The preferred, complementary approach uses policy tools designed to safeguard the environment at the source of the problems, including cleaner production, life cycle analysis and greenhouse gas emissions reduction programs. The benefits and disadvantages of 'appropriate' technology are also discussed. Using Asian and Australian cases, we consider cleaner production programs and partnerships in industry, remediation of contaminated sites, air quality management, integrated water catchment management and the efficient use of energy, including renewable energy. Participants undertake the preparation of audit/action plans or monitoring programs in relation to one of these areas.

ENVT 5038NA

Special Study in Environmental Management

3 units

eligibility: postgraduate International Environmental Management students

This course will be subject to the availability of specialist teaching in fields other than those listed.

ENVT 5060NA

Environmental Futures

3 units

eligibility: postgraduate International Environmental Management students

This course is designed to engage the imagination as well as train students in several forms of policy analysis. Environmental history shows us that the errors of the past are being repeated in the present. The course challenges our present economic and social goals and priorities by making us consider how these will shape the future. As modern day consumers of products and services we may be unaware that environmental goods and services such as clean air and water, biodiversity, and attractive landscapes are not valued in the same way. These non-economic goods are not included in the evaluation of benefits and costs of development projects, or incorporated in the prices of goods, and are ignored in systems of national accounts. Students learn how the value of environmental goods and services may be measured and incorporated into decision-making. The course has a global perspective but also look at the Asian-Pacific region. Through projections, scenario-building and other techniques of futures studies we can plan our vision of sustainability in the future.

ENVT 5500NA

ENVT 5502ANA/BNA

Dissertation in Environmental Management

12 units

eligibility: Master of International Environmental Management students

assessment: dissertation of 15000-18000 words.

ENVIRONMENTAL STUDIES

ENVT 5012

Environmental Information Systems

6 units semester 1

2 x 5 day blocks

eligibility: postgraduate Environmental Studies students

This course provides students with an introduction to the use of Spatial Information Systems (SIS) in Environmental Studies. The topics covered by the course will include SIS hardware and software, database models, data capture, nature and characteristics of spatial data, data vector and raster SIS, data analysis, environmental modeling and data integration

assessment: written work totaling approx 9000 words, including seminar presentations/exercises, essays/reports 60%, exam 40%

ENVT 5018

Environmental Impact Assessment

6 units semester 2

3 hour seminar

eligibility: postgraduate Environmental Studies students

This course introduces the methodology of environmental impact assessment (EIA) and examines the development of EIA overseas. It then focuses on EIA in Australia and, in particular, draws on case studies of EIA in South Australia. Different levels of EIA are examined alongside the responsibilities of decision-making. A number of major projects with environmental impact statements (EISs) are critically examined together with the EIS process in South Australia. This includes discussion of recent changes to the legislation.

assessment: written work totaling approx 9000 words, including workshops presentations/ exercises, essays/reports

ENVT 5025

Environmental Professional Internship

6 units semester 2

1 hour seminar, 3 hours project work

eligibility: postgraduate Environmental Studies students

This course will provide students with the opportunity to spend a short time as a professional 'intern' working within an environmental government or non-government (community-based) organisation, while completing an agreed research project. Student placements will depend on the availability of internship opportunities and, where there are more students seeking internships than there are internships available, a quota will operate and the allocation of placements will be based on academic merit. The seminars during the first part of the course will be used to prepare students for their internships, while those during the second part will be used to monitor the progress of the internships and assist students to prepare their research project reports.

assessment: internship project report of approx 8000-9000 words

ENVT 5030

Environmental Policy

6 units semester 2

3 hour seminar

eligibility: postgraduate Environmental Studies students

This course will provide a conceptual framework, derived from the disciplines of politics and policy studies, which will assist students to understand environmental policy-making. Various analytical models will be presented to describe, and to prescribe, appropriate environmental policy-making patterns. The three historical stages of Australian environmental policy making over the past thirty years will be outlined, and the key attributes of the different policy-making models utilised at each stage will be described. Particular emphasis will be placed on recent Australian federal and State government environmental policy-making.

assessment: written work totaling approx 9000 words, including seminar presentations/ exercises, essays/reports

ENVT 5036

Principles of Environmental Studies

6 units semester 1

eligibility: postgraduate Environmental Studies students

The course is intended to provide students with an understanding of the nature of current environmental concerns and of the way that Environmental Studies attempts to address these concerns in a transdisciplinary fashion. Through the examination of a variety of approaches, the course will consider the historical, political, scientific, philosophical and social science perspectives on

Environmental Studies. These provide a variety of methods that aid us in identifying the causes and consequences of environmental concerns, the way environmental studies informs policy and planning, and the relation of environmental policy and planning to environmental management. The understanding of the principles of Environmental Studies gained from this course will provide a conceptual foundation for studying the elective courses offered for the postgraduate coursework awards in Environmental Studies.

ENVT 5037

Special Topic in Environmental Studies

6 units semester 1 or 2

3 hour class each week

eligibility: postgraduate Environmental Studies students

A number of topics are available each year. Details of these topics are given in the Program Handbook.

assessment: written work totalling approx 8000-9000 words, including seminar presentations/exercises and essays/reports and an examination in the case of some topics.

ENVT 5040

Australian Landscape Evolution

6 units not offered in 2004

3 hour seminar

eligibility: postgraduate Environmental Studies students

This course deals primarily with the evolution of the Australian landscape during the last hundred million years, including the changes effected since the first humans arrived on this continent some fifty thousand years ago. We first consider how the Australian landscape has responded to a variety of tectonic, volcanic and climatic influences. We next consider some of the interactions between Australian prehistoric human societies and the ever-changing environment of which they were an integral part. The contentious issue of plant and animal extinctions in Australia is examined in some detail. We conclude with a careful examination of the impact of the last two hundred years of human settlement upon the landscape, and the implications this might have for soil and water management.

assessment: written work totaling approx 9000 words, including seminar presentations/exercises, essays/reports 60%, exam 40%

ENVT 5042

Environmental History

6 units not offered in 2004

3 hour seminar

eligibility: postgraduate Environmental Studies students

Environmental history examines the interactions between people and natural environments in the past as they relate to the landscapes and environmental issues of the present. It explores the changing ways in which societies perceive, value, use and alter the landscapes in which they operate. Environmental history is integrative and multidisciplinary in approach, drawing on and overlapping with many areas of the social sciences, humanities and sciences. This course is a study of Australian environmental history, with a focus on the period since European occupation of the continent. It explores a range of topics that have both historical and contemporary interest in understanding how our landscapes and environmental problems have been shaped and defined by the complex processes of European settlement. Such topics may include: selected environmental histories of agriculture, forestry, mining, local areas and introduced species; the development of national parks and environmental protection; changing perceptions and representations of Australian landscapes; and changing attitudes towards landscape processes, such as fire or climate. The course will also reflect on the development of the field of environmental history, examine how its approaches differ from other forms of enquiry, and explore the opportunities and problems associated with researching and writing environmental history.

assessment: written work totalling approx 9000 words, including seminar presentations and essays/reports.

ENVT 5043

Environmental Communication

6 units semester 1

3 hour seminar and one week of fieldwork

eligibility: postgraduate Environmental Studies students

This course is intended to prepare students to work with a variety of media to inform the public about the environment and environmental issues. The course has three components:

Introduction to Environmental Communication: this component will introduce student to the main traditions in environmental writing and examine the ways these traditions are expressed in environmental interpretation, environmental exhibits and environments on the screen.

Environments in the Field: this component will involve field-based experience of documenting environmental sights and sounds, including plant and animal observation; landscape description; field note-taking; field sketching, photography and filming; sound recording in the field; field safety and ethical field procedure.

Environmental Communication Project: this component will require students to work with a government, industry/business or community organisation to complete an environmental communication project.

assessment: written work totalling approx 9000 words, including seminar presentations and reports.

ENVT 5061

Integrated Coastal Management

6 units semester 1

3 hour seminar

eligibility: postgraduate Environmental Studies students

This course examines selected strategies for managing coastal environments from around the world, although the main focus is the Australian coast. Where appropriate, local examples are used and followed up with local coastal fieldwork. The course provides an overview of various coastal processes as a background to an understanding of coastal management issues. A major focus of the course is on recent coastal management initiatives in Australia by both the Commonwealth Government and State Governments.

assessment: written work totalling approx 9000 words, including seminar presentations/exercises, essays/reports 60%, exam 40%

ENVT 5090

Environmental Security

6 units semester 1

3 hour seminar

eligibility: postgraduate Environmental Studies students

This course seeks to explore the concept of environmental security, whilst concentrating on the Indian Ocean region (IOR). Theories of environmental security will be brought to life using different but intertwined examples of environmental security issues taken from countries within and bordering onto the Indian Ocean. These include land degradation; water; fisheries; climate change; nuclear waste; environmental refugees; urban explosion; energy; and environmental justice.

assessment: 9000 words or equivalent

ENVT 5503

Environmental Research Methodology and Project F/T

12 units semester 1 or 2

2 hour seminar

eligibility: Master of Environmental Studies students

This course will introduce students to the process of environmental research and assist them to acquire the skills necessary to successfully plan, undertake and present the results of an environmental research project. To successfully complete the course students must attend and participate in all the required methodology seminars, submit a satisfactory proposal for an environmental research project and a satisfactory research plan early in the course, provide a satisfactory account of progress made in the research project midway through the course, and submit a satisfactory dissertation on the methodology and results of the research project by the end of the course.

assessment: dissertation of 15000-20000 words

ENVT 5504A/B

Environmental Research Methodology & Project P/T

12 units full year

2 hour seminar

eligibility: Master of Environmental Studies students

This course will introduce students to the process of environmental research and assist them to acquire the skills necessary to successfully plan, undertake and present the results of an environmental research project. To successfully complete the course students must attend and participate in all the required methodology seminars, submit a satisfactory proposal for an environmental research project and a satisfactory research plan early in the course, provide a satisfactory account of progress made in the research project midway through the course, and submit a satisfactory dissertation on the methodology and results of the research project by the end of the course.

assessment: dissertation of 15000-20000 words

GASTRONOMY

GAST 5300

GAST 5300EX

Principles of Gastronomy

6 units semester 1

eligibility: postgraduate Gastronomy students

This course will provide a comprehensive survey of the broad domain of gastronomy, emphasising its interdisciplinary character and sociocultural relevance. The following areas will be covered; definitions and interpretations of gastronomy, key figures in gastronomy, the historical development of gastronomy, source material for gastronomy, influences on/of gastronomy, gastronomy and restaurants, cultural interpretations of gastronomy, food and drink in ritual and religion, and gastronomy in contemporary society.

GAST 5301

GAST 5301EX

Food & Drink in Contemporary Western Society

6 units semester 1

eligibility: postgraduate Gastronomy students

This course will encourage students to apply gastronomic principles in a contemporary context. The following areas will be covered; the

significance of gastronomy in the contemporary world, medicine and nutrition, changes in diet and eating habits, food choice, the significance of developments in food technology, the evolution of cuisines, globalisation effects on production and consumption, regionalism, and cultural tourism.

GAST 5302

GAST 5302EX
Gastronomy and Communication

6 units semester 2

eligibility: postgraduate Gastronomy students

This course will focus on the concept of food and drink as a means of communication, explore the use of food and drink in literature and visual media, and encourage students to express ideas opinions and evaluations relating to food and drink. The following areas will be covered; semiotics of food; meanings of food and drink in daily life, meanings of food and drink in ritual and tradition, menu design and menu writing, researching food and drink through written sources and via the internet, recipe writing and editing, writing about food and drink, the role of the restaurant reviewer, and critic, food in fiction, food and drink in film, and research for, and evaluation of, food and wine programs on television.

GAST 5303

GAST 5303EX
Gastronomic Tourism

6 units semester 2

eligibility: postgraduate Gastronomy students

prerequisite: completion of core courses

The course focuses on the role of food and drink in enhancing the experiences of travellers and tourists. It examines major themes in tourism literature and their relevance to the study of gastronomic tourism, and considers examples of best practice at destinations where food and wine enable tourists to explore aspects of culture. It also examines the direct and indirect advantages and disadvantages to local and regional communities associated with the development of tourism and with gastronomic tourism initiatives in particular. Additional input by tourism professionals and industry experts may be included.

GAST 5304

GAST 5304EX
Food & Wine Technology

6 units semester 2

eligibility: postgraduate Gastronomy students

prerequisite: completion of core courses

This course will provide an overview of traditional and current food wine processing operations and techniques together with methodologies and analytical tools for evaluating and communicating them. It may include some visits to appropriate sites and input from Le Cordon Bleu, placing these technologies in their contemporary context.

GAST 5530
Dissertation in Gastronomy F/T

eligibility: M.A. (Gastronomy) students

An enrolment in the dissertation will commence with a one week residential induction program

A dissertation of 15,000-18,000 words on a topic to be developed in consultation with the Program Manager.

GAST 5531A/B
Dissertation in Gastronomy P/T

12 units full year

eligibility: M.A. (Gastronomy) students

An enrolment in the dissertation will commence with a one week residential induction program

A 15,000 - 18,000 word dissertation on a topic to be developed in consultation with the Program Manager.

GAST 5532
Research Project in Gastronomy A

6 units semester 1 or 2

GAST 5533
Research Project in Gastronomy B

6 units semester 1 or 2

eligibility: M.A. (Gastronomy) students

A research project of 8,000 - 9,000 words (or equivalent depending upon the nature of the project) in an area approved by the Program Manager. Research Project B should cover a different field from that completed for Research Project A.

GEOGRAPHIC INFORMATION SYSTEMS

GISC 5001

Advanced Raster Analysis

3 units semester 2

15 hours lectures, 20 hours practicals

eligibility: postgraduate Spatial Information Science students

prerequisite: Introduction to Spatial Information Systems; Spatial Data Modelling and Analysis

This unit carries on from the work commenced in Spatial Data Modelling and Analysis and extends into advanced remote sensing and image processing. Topics covered in lectures and practicals include: current hyperspectral sensors such as CASI and HYMAP and hyperspectral image analysis techniques; theory and operation of RADAR systems and the interpretation and processing of RADAR images; the theory of thermal imaging through sensors such as Landsat, NOAA and airborne imagery. Other topics include radiometric image correction and the calibration of radiance to reflectance; interpretation and use of spectral libraries; mapping sub-pixel components including spectral mixture analysis, spectral angle mapping and spectral feature fitting; fusion of RADAR and optical imagery.

assessment: project 50%, exam 50%

GISC 5006

Field Sampling Techniques

3 units not offered in 2004

40 hours fieldwork

eligibility: postgraduate Spatial Information Science students

prerequisite: Introduction to Spatial Information Systems; Spatial Data Modelling and Analysis

Field survey and validation is an essential component of providing solutions to spatial problems. Field sampling can involve the collection of raw data for input into a GIS or checking the spatial and attribute accuracy of existing GIS databases. Field measurements can be made of spectra from specific features and used in the classification and calibration of remotely sensed imagery. Ground truthing of spectral responses from existing imagery is necessary for any meaningful classification and feature extraction from imagery. Field sampling is also necessary for ground control for accurate image spatial registration. GPS has become an integral part of field data collection and live linkage of GPS and GIS in the field provides a useful tool for field data collection. This module is a field-based course where students will spend a week in the field collecting and analysing field data.

GISC 5008

Introduction to Spatial Data Models

3 units semester 1

15 hours lectures, 20 hours practicals

eligibility: postgraduate Spatial Information Science students

prerequisite: Introduction to Spatial Information Systems

Having established a solid foundation in spatial information science and the use of spatial information systems, this course both consolidates and broadens considerably the theoretical basis and practical implementation of these systems. Some of the different types and sources of error and how they can affect a GIS analysis are outlined and some of the methods by which error is minimised and corrected are discussed. The theory and application of network analysis such as shortest path analysis for emergency response and service catchment analysis is unique and important and is dealt with in some depth.

Significant attention is devoted in this course to finding the data you need, documenting data and metadata standards. The course then begins a strong focus on the raster data model and raster analysis including map algebra. Advanced applications of both vector and raster GIS are discussed including landscape habitat analysis, environmental and ecological modelling, spatial epidemiology, crime analysis, and quantifying accessibility and remoteness to services.

Practical sessions introduce different data models used in the analysis of spatial information such as rasters, geometric networks and the object-oriented geodatabase model. Practicals then move through topological editing and network analysis, vector-raster conversion, raster data management, analysis and finally, spatial process modelling based on land suitability and fire risk analysis.

assessment: seminar 20%, project 40%, exam 40%

GISC 5009

GISC 5009NA

Introduction to Spatial Information Systems

3 units semester 1

15 hours lectures, 20 hours practicals

eligibility: postgraduate Spatial Information Science students or postgraduate International Environmental Management students

The course introduces the basic concepts of spatial information science and spatial information systems as integrative disciplines and technologies. The major technologies for dealing with spatial information - Geographic Information Systems (GIS), remote sensing and image processing, and Global Positioning Systems (GPS) are also introduced. Issues associated with inputting, storing, manipulating, modelling and visualising spatial data, and some of the problems likely to be encountered, will be discussed. This course examines the two dominant models for dealing with spatial data -

the raster and vector models, then focuses on vector spatial analysis techniques such as map overlay. Conceptual linkages between the real world and the digital objects in a spatial database will be made and the principles and applications of relational database management systems will be discussed within the context of GIS. The fundamental geographic concepts underlying all spatial information - geodetic datums, map projections, coordinate systems and scale are covered in some detail..

assessment: essay 20%, project 40%, exam 40%

GISC 5010

New Technologies in Geographical Info Systems

3 units not offered in 2004

15 hours lectures, 20 hours practicals

eligibility: postgraduate Spatial Information Science students

prerequisite: Introduction to Spatial Information Systems; Spatial Data Modelling and Analysis

Spatial information science has evolved from experiments with computer cartographic modelling in the 1960/70s to a discipline now encompassing developments such as, spatial data analysis using artificial intelligence techniques, immersive visualisation and distributed networking strategies. Technology has been the driving influence in this discipline and this module will explore these newer technologies to gauge their impact on the discipline. Lectures will provide theory and context for these areas: artificial intelligence, visualisation and information retrieval strategies. Practicals will focus on developing software solutions for one of these three computing domains.

assessment: essay 20%, project 40%, exam 40%

GISC 5011

Research Project in Spatial Information Science

6 units semester 1 or 2

10 hours workshops

eligibility: postgraduate Spatial Information Science students

The Research Project within the Graduate Diploma in Spatial Information Science provides students with the opportunity to investigate, for one semester half time, a specific application of spatial information science. The Research Project offers students research experience and an opportunity to delve more deeply into a research area of their choice. Topics may be chosen from a range of possible projects nominated by GISCA staff, Government or private agencies, or the student.

assessment: seminar 20%, project 80%

GISC 5012

Social Applications in Geographical Info Systems

3 units semester 2

15 hours lectures, 20 hours practicals

eligibility: postgraduate Spatial Information Science students

prerequisite: Introduction to Spatial Information Systems

There are an increasing number of large complex digital data sets of relevance to social scientists be they working in an academic, governmental or commercial environment. Because of their complex derivation and nature, these data sets require a high level of skill and a detailed level of knowledge to be used intelligently. The aim of this course is to provide these skills and knowledge.

This course will cover the following three major areas - introduce the student to the main types of large scale data sets commonly available to social scientists e.g. the various Census data sets (CDATA96), the Cadastral database for South Australia (DCDB), Medical data sets from the Health Commission; identify the limitations and problems associated with using these datasets. Introducing their implications to different types of analysis; introduction and practical application of the main spatial methodologies used to interrogate and analysing these data sets.

assessment: essay 20%, project 40%, exam 40%

GISC 5013

Spatial Data Modelling and Analysis

3 units semester 1

15 hours lectures, 20 hours practicals

eligibility: postgraduate Spatial Information Science students

prerequisite: Introduction to Spatial Information Systems

Over the last 30 years more and more Earth-observing platforms have been flown and an increasingly large amount of digital imagery has become available. This information has been remotely sensed from a variety of airborne and satellite-based sensors and has included both passive (e.g. Landsat, CASI hyperspectral) and active (e.g. RADAR, LIDAR) sensors. A wide range of image processing techniques are used to search, and refine large amounts of data to produce timely, relevant information. This module provides a broad introduction to remote sensing and image processing including topics such as: the development of remote sensing to the present day; the division between visual interpretation and computer assisted interpretation of raster images; computer enhancements of image data; radiometric rectification and spectral transformations of remotely sensed image data; unsupervised and supervised classification of image data; analysis of error and sensitivity.

assessment: essay 20%, project 40%, exam 40%

GISC 5014

Spatial Data Visualisation

3 units semester 1

15 hours lectures, 20 hours practicals

eligibility: postgraduate Spatial Information Science students

prerequisite: Introduction to Spatial Information Systems; Introduction to Spatial Data Models

An introduction to deterministic and geostatistical interpolation of surfaces from point data. Students will gain an understanding of the types of surface interpolators available, the characteristics of each and how to choose the most appropriate one. Surface interpolation will progress through topographic surface interpolation using triangulated irregular networks (TINs) and rasters, creating Digital Elevation Models and modelling surface hydrology. Advanced spatial process modelling, simulation and cellular automata will also be introduced. 3D and 4D spatial and spatio-temporal data models and analysis will be covered and multidimensional analysis and visualisation techniques will be greatly extended. The course also covers cartographic practice and how to optimise the communication of spatial knowledge to people. Spatial data visualisation techniques will be discussed in the context of new technologies including multimedia, the WWW and virtual reality. Web-based distribution of spatial data and the integration of Internet and GIS technologies is a focus area. Issues of spatial cognition and how to build the most effective Graphical Uder Interfaces for GIS is also discussed. Practical sessions implement the above concepts with real applications and real data. Sessions will include surface building with deterministic and geostatistical techniques, digital elevation, hydrological and erosion modelling. Students then create their own web pages.

assessment: web site 20%, project 40%, exam 40%

GISC 5501

Dissertation in Spatial Information Science F/T

12 units semester 1 or 2

10 hours workshops

eligibility: Master of Spatial Information Science students

The Dissertation in SIS subjects within the Masters degree in Spatial Information Science provides students with the opportunity to investigate, for one semester full time (or equivalent), a specific application of spatial information science. Topics may be chosen from a range of possible projects nominated by GISCA staff, Government or private agencies, or the student.

assessment: seminar 20%, thesis 80%

GISC 5502A/B

Dissertation Spatial Information Science P/T

12 units full year

10 hours workshops

eligibility: Master of Spatial Information Science students

The Dissertation in SIS subjects within the Masters degree in Spatial Information Science provide students with the opportunity to investigate, for two semesters, a specific application of spatial information science. Topics may be chosen from a range of possible projects nominated by GISCA staff, Government or private agencies, or the student.

assessment: seminar 20%, thesis 80%

GEOGRAPHY

GEOG 5047

Resource Management in Asia and the Pacific

6 units not offered in 2004

3 hour seminar

eligibility: postgraduate Environmental Studies students

The course is an enquiry into the formulation and implementation of resource management strategies and environmental policy in the Asia-Pacific region. A core activity is to examine the meanings and measurement of the concept of sustainable development, and to consider how "resources" are valued and devalued. Following discussion of the 'population/environment' debate, we proceed to a critical analysis of government policies generated to manage a variety of resources. These include forests and parks, fisheries, minerals and water, urban air quality and open space. The approach is dynamic and comparative. The focus is on the nature of the resource itself, the actors and stakeholders and the political, social and economic forces that drive behaviour. Management strategies are also examined at varying scales, from a local or community-based system through regional to global. Selected case studies explore various situations: the integrated catchment management of an international river basin; the handling of transboundary pollutants; local populations as resource custodians; the role of non-government organisations; centralised versus decentralised approaches. The goal is to identify policy generation that will both increase human welfare and sustain the resource base. Participants engage in discussion, debates, role-playing and Internet searches and undertake writing assignments in policy-building.

assessment: written work totalling approx 9000 words, including seminar presentations/ exercises, essays/reports

GEOG 5048

Biodiversity and Environmental Change

6 units not offered in 2004

3 hour seminar

eligibility: postgraduate Environmental Studies students

This course has two parts. Firstly, the palaeoecological record from Southern Australia will be examined to reveal evidence for the responses of biota to environmental. In most instances the evidence presented in the literature is irrefutable. However, many sites have conflicting interpretations and reversed radiocarbon dates. The interpretation of a palaeoecological record is thus often the generation of the most likely scenario. Many of these are based on assumptions that, over time, become accepted knowledge, despite never having been tested.

Armed with the long term perspective we then examine the ecological principles underpinning the management of biodiversity resources today in Australia and elsewhere. These principles are mostly scientific, yet considerable debate may arise in their interpretation. The management of biological resources may be incompatible, or even in conflict, with the management of other resources. The monetary return for the exploitation of biodiversity resources is often given priority, by government, over less tangible values. Also, many important principles held dear by ecologists and environmentalists in Australia are not shared by others. Therefore the management of biological resources involves both the scientific assessment of the worth of the natural asset and value judgments as to its worth relative to other resources.

assessment: two essays totalling approx 9000 words

GEOG 5049

Applied Demography

6 units not offered in 2004

eligibility: postgraduate Population and Migration Studies students

This course provides students with the theoretical basis, methodological skills and concepts to apply demographic knowledge to real world social planning and business problems. The basis of all planning in the public and private sectors is an understanding of the people for which they are providing goods and services to. However, the incorporation of demographic elements into planning and policy making is lacking in Australia. The course involves a strong methodological component and addresses particularly the issue of anticipating population change and the whole area of population projection. Another focus will be the use of small area demographic data for planning the spatial distribution of goods and services. In addition, the use of demography in human resource planning, corporate planning and site location. Full consideration is made of appropriate data sources and computer software.

assessment: exam, project, essay, seminar participation

GEOG 5054

Demography of the Family

6 units not offered in 2004

eligibility: postgraduate Population and Migration Studies students

This course aims firstly to give students a thorough background in contemporary patterns and levels of growth of the older population in both Less Developed and More Developed countries. It examines the causes of the current and impending rapid growth of the aged and the complex interface between ageing of populations and economic development and social change in relation to the changing relationships between generations. The changing characteristics of the elderly in LDCs and MDCs are explored. The implications of ageing for provision of health services, providing economic support for the aged, housing and other areas of public policy are discussed in relation to both LDCs and MDCs. Changing patterns of behaviour of the elderly with respect to housing, permanent and temporary migration and health are also examined.

assessment: essay; book review; seminar; exam

GEOG 5059

Global International Migration

6 units not offered in 2004

eligibility: postgraduate Population and Migration Studies students

This course introduces students to the study of population movement between countries from the perspective of population sciences. International migration has grown in political, demographic, economic and social significance with globalisation, and the present course introduces students to the information available on this movement and the networks used to collect and analyse it. The course examines changing patterns and types of migration, the causes and effects of those movements and addresses policy developments in international migration. The course is a global one but particular attention is focussed on the Asia-Pacific region and Australia.

GEOG 5067

Population and the Environment

6 units not offered in 2004

eligibility: postgraduate Population and Migration Studies students or postgraduate Environmental Studies students

The topic introduces basic concepts and analysis of ecosystems and key interrelationships between population and environment within the context of development issues and policies. It deals with resource depletion and management, land use and agricultural systems related to population pressure, population mobility, urbanisation and environment and integrated approaches to population-environment planning.

assessment: essays, tutorial papers, major project

GEOG 5068

Population Data Analysis

6 units not offered in 2004

4 hours per week

eligibility: postgraduate Population and Migration Studies students

The course aims to give students a working knowledge of a range of the basic techniques required in the analysis of population change and distribution, and of population development interrelationships. It will impart practical skills in analysis and interpretation of population data and trends, focusing particularly on analysis of fertility, migration and labour force data, and on projections. It will also highlight the major variables of interest in the study of population and development, critically examining and providing students with practical experience in applying various techniques to testing major theories in this field.

assessment: workshop, project, exam

GEOG 5089

Population Studies

6 units not offered in 2004

3 hours per week

eligibility: postgraduate Population and Migration Studies students

The course aims to give students a background in the major concepts, theories and approaches to demography. It introduces students to major world demographic patterns and then takes each major demographic process in turn and examines the major methods of measurement which are used for that process, the major patterns of that process in more developed and less developed countries, differentials between groups with respect to the process and major explanations of changes in that process. This approach is applied to consideration of mortality, fertility, internal migration, international migration, urbanisation, ageing, labour force and human resource issues.

assessment: exam, essay, tutorial paper, review of journal article

GEOG 5500

Research Project in Population & Migration St F/T

12 units semester 1 or 2

eligibility: M.A.(Population and Migration Studies) students

A report on a research task of 12,000 to 15,000 words, written under the supervision of a member of staff with expertise in the field of study. The project will enable students to develop areas of interest relating to the theoretical and research literature in Population Studies and Migration Studies. The research task may involve a literature review, a study of a particular problem through collection and evaluation of research materials and/or the analysis of a data set.

GEOG 5501A/B

Research Project Population & Migration P/T

12 units not offered in 2004

eligibility: M.A.(Population and Migration Studies) students

A report on a research task of 12,000 to 15,000 words, written under the supervision of a member of staff with expertise in the field of study. The project will enable students to develop areas of interest relating to the theoretical and research literature in Population Studies and Migration Studies. The research task may involve a literature review, a study of a particular problem through collection and evaluation of research materials and/or the analysis of a data set.

GEOLOGY AND GEOPHYSICS

PETROL 7000TB

Petroleum Geology and Geophysics (B)

6 units semester 1

PETROL 7001TB

Petroleum Geology and Geophysics (A)

6 units semester 1

The courses include general geological topics such as basin analysis, sedimentology, diagenesis, sequence stratigraphy and structure. Most of these courses are revised during a field trip to Central Australia. Geophysical topics include seismic interpretation, seismic acquisition and processing, and sequence stratigraphy. Topics specifically related to the petroleum industry include wireline logs, petrophysics and wellsite geology.

There is some scope for specialisation between geology and geophysics although both streams are required to do the majority of the program. Geologists may do petroleum geochemistry, applied palaeontology and isotope studies while the geophysicists concentrate on seismic acquisition, signal analysis and seismic processing. Topics related to the development of personal skills include economics, management and communication skills. Many of the topics covered above are drawn together in case studies and all are made relevant to the petroleum industry.

Details of the program can be found at www.ncpgg.adelaide.edu.au

Note: depending on the nature of their previous studies and experience, some students may be required or permitted to substitute alternative studies for parts of the coursework component or to take additional studies. Specialised programs for this purpose may be arranged with the Director of the Centre

PETROL 7002

Research Project (M.Sc. Petroleum Geoscience)

12 units semester 2

Supervised research project in a subject area related to Petroleum Geology and/or Geophysics.

assessment: research project and report

GRIEF AND PALLIATIVE CARE

GEN PRAC 7101HO

Bereavement

2 units semester 1

eligibility: Grief & Palliative Care Counselling students; other students with approval of Program Adviser

This course provides an experimental, theoretical and evidence-based framework for best practice bereavement care and intervention relevant to counsellors. The nature and effects of grief, processes of recovery from bereavement and the factors that may affect its course will be discussed. The effects of context, gender, age and culture on the grieving process will also be explored. There will be scope for self-reflective learning to examine personal experiences and attitudes to death and dying and how these may influence approaches to clients and patients. Emphasis will be placed on the clinical applications of the principles learned in the course.

assessment: to be advised

GEN PRAC 7102HO

Loss and Grief

2 units semester 2

eligibility: Grief & Palliative Care Counselling students; other students with approval of Program Adviser

This course presents an overview of the paradigm of loss and grief and a range of circumstances in which loss and grief may be experienced. Relevant mental health issues will be covered, with a focus on the associations between loss and grief and mental health problems. The principles of management and models of therapy will be reviewed. Participants will be encouraged to reflect on their own work experience and practice.

assessment: to be advised

GEN PRAC 7103HO

Issues in Death and Dying

2 units semester 2

eligibility: Grief & Palliative Care Counselling students; other students with approval of Program Adviser

This course comprises three main topics: legal issues, ethical issues and exploring death and dying. Legal issues will cover the role of the Law in death and dying, with specific reference to the acts associated with death and the subsequent legal process. Ethics will address basic ethical theory and the application thereof. Practical ethical problems will be presented. Exploring death and dying will present multidisciplinary views on terminal illness and dying.

assessment: to be advised

GEN PRAC 7104HO

Supervised Field Education

eligibility: Grief & Palliative Care Counselling students; other students with approval of Program Adviser

This course provides scope for the application of knowledge and skills either in the context of the student's own work place (if suitable) or of an agency, institution or service in which counselling of clients or patients takes place. Students will be invited to engage actively in a process of collaborative reflection on and analysis of counselling cases and issues, in order to consolidate their learning and to achieve personal insight and development within a professional perspective.

assessment: to be advised

GEN PRAC 7105HO

Grief Counselling I

2 units semester 1

eligibility: Grief & Palliative Care Counselling students; other students with approval of Program Adviser

This course provides an introduction to the practice of grief counselling. Evidence for effectiveness in therapeutic practice is explored and the importance of the self-aware counsellor in successful therapeutic interaction is stressed.

The practical skills and theory necessary for creating and maintaining counselling relationships, and for the effective exploration of problems in the context of grief counselling, are presented. This includes an understanding of the counselling process, and the application of skills within the context of a counsellor / client relationship. Students will be encouraged to integrate the principles and skills learned with their own personal and professional experience and to apply them to the requirements of their specific work practice.

assessment: to be advised

GEN PRAC 7106 HO

Grief Counselling II

2 units semester 1

eligibility: Grief & Palliative Care Counselling students; other students with approval of Program Adviser

Theoretical aspects of grief models are translated into practical approaches, allowing students to explore appropriate responses to grieving clients and patients, and to their individual experience of specific issues that arise from bereavement, palliative care and situations of loss and crisis.

Students will be encouraged to integrate the principles and skills learned with their own personal and professional experience and to apply them to the requirements of their specific work practice.

assessment: to be advised

GEN PRAC 7107HO
Grief Counselling III

2 units semester 2

eligibility: Grief & Palliative Care Counselling students; other students with approval of Program Adviser

Appropriate interventions for grieving clients and patients and their specific issues in bereavement, palliative care and situations of loss and crisis are presented. Techniques from relevant therapeutic systems are chosen and considered in the context of grief, bereavement and palliative care counselling.

Students will be encouraged to integrate the principles and skills learned with their own personal and professional experience and to apply them to the requirements of their specific work practice.

assessment: to be advised

GEN PRAC 7201HO
Grief and Spirituality

2 units semester 1

eligibility: Grief & Palliative Care Counselling students; other students with approval of Program Adviser

This course recognises the importance of spiritual issues in counselling and therapeutic work with those experiencing grief. The distinction between religion and spirituality is drawn and the emergence of spiritual questions during challenging developmental or situational transition times is examined. The particular contributions of Christian and Buddhist frameworks to the task of caring for others are examined, and an introduction to the significance of the transpersonal approach and the importance of rituals and symbols in grief work is included.

Students are encouraged to reflect on their own experience of the connections between grief and spirituality and to consider their attitudes to spiritual issues in counselling. Emphasis will be placed on understanding and identification of appropriate incorporation of spiritual dimensions in clinical practice.

assessment: to be advised

GEN PRAC 7202HO
Grief Studies

2 units semester 2

eligibility: Grief & Palliative Care Counselling students; other students with approval of Program Adviser

This course provides an opportunity for the exploration of specialised areas of grief. Topics selected may include, for example, the facilitation of grief and palliative care support groups, men's issues in grief and counselling, cultural differences in grief. For information regarding the topic for 2004, please contact the Program Director.

assessment: to be advised

GEN PRAC 7205HO
Advanced Grief Counselling IA

1 unit semester 1

eligibility: Grief & Palliative Care Counselling students; other students with approval of Program Adviser

This course provides an opportunity for students to receive supervision of their current and ongoing work with clients. Students are required to provide evidence of their ability to deal appropriately with the needs of clients or patients and to demonstrate adequate insight and knowledge of the counselling process in reflections on their practice. Case histories will be presented and discussed.

assessment: to be advised

GEN PRAC 7206HO
Advanced Grief Counselling II

3 units semester 1

eligibility: Grief & Palliative Care Counselling students; other students with approval of Program Adviser

Students will be introduced to one practical therapeutic approach (for example cognitive behavioural therapy) with a specific focus on the philosophy, practice and techniques and its application to grief and loss. The course tailors these techniques specifically to a range of client and patient populations who are suffering or experiencing grief. Students will be given the opportunity to experience various techniques and exercises drawn from the teachings, practitioners and tradition.

The Practicum provides an opportunity for students to apply and demonstrate the learned principles and techniques to clients and patients under the guidance of a supervisor.

Students are encouraged to formulate a personal and integrated counselling approach to grief-related work, and to reflect on the appropriate application and usage of different counseling models in their specific work contexts, professional skills and personal style.

assessment: to be advised

GEN PRAC 7207HO

Advanced Grief Counselling III

3 units semester 2

eligibility: Grief & Palliative Care Counselling students; other students with approval of Program Adviser

Students will be introduced to one practical therapeutic approach (for example the transpersonal) with a specific focus on the philosophy, practice and techniques and its application to grief and loss. The course tailors these techniques specifically to a range of client and patient populations who are suffering or experiencing grief. Students will be given the opportunity to experience various techniques and exercises drawn from the teachings, practitioners and tradition.

The Practicum provides an opportunity for students to apply and demonstrate the learned principles and techniques to clients and patients under the guidance of a supervisor.

Students are encouraged to formulate a personal and integrated counselling approach to grief-related work, and to reflect on the appropriate application and usage of different counselling models in their specific work contexts, professional skills and personal style.

assessment: to be advised

GEN PRAC 7209HO

Research Design and Methodology

2 units semester 2

eligibility: Grief & Palliative Care Counselling students; other students with approval of Program Adviser

This course is designed to provide students with a broad introduction to research process and methods. The processes covered are selected with particular reference to issues pertaining to researching questions within the health care system. Content includes an introduction to health research, formulating a research question, searching the literature, ethical issues, research design, quantitative and qualitative methodology and the writing of a research proposal. At the conclusion of the course participants should be in the position of being able to choose, with justification, from a variety of contemporary methods and apply one method to a research question of their choice.

assessment: to be advised

GEN PRAC 7210HO

Advanced Grief Counselling IB

1 unit semester 2

eligibility: Grief & Palliative Care Counselling students; other students with approval of Program Adviser

This course provides an opportunity for students to receive supervision of their current and ongoing work with clients. Students are required to provide evidence of their ability to deal appropriately with the needs of clients or patients and to demonstrate adequate insight and knowledge of the counselling process in reflections on their practice. Case histories will be presented and discussed.

assessment: to be advised

GEN PRAC 7304HO

MGPCC Dissertation (full time)

12 units semester 1 or 2

eligibility: Grief & Palliative Care Counselling students; other students with approval of Program Adviser

prerequisite: completion of MGPCC coursework

The dissertation is the final requirement of the MGPCC and should therefore reflect what the student has learned from the core and elective course work on the Graduate Certificate and Diploma programs.

Unless exempted by the Board of Studies*,the dissertation will take the form of a paper suitable for submission to an appropriate peer reviewed journal. The content of this paper must reflect the research topic. The successful completion of this paper fulfils the requirements for a dissertation.

assessment: dissertation

GEN PRAC 7404AHO

MGPCC Dissertation (part-time) Part 1

6 units semester 1

GEN PRAC 7404BHO

MGPCC Dissertation (part-time) Part 2

6 units semester 2

prerequisite: completion of MGPCC coursework

The dissertation is the final requirement of the MGPCC and should therefore reflect what the student has learned from the core and elective course work on the Graduate Certificate and Diploma programs.

Unless exempted by the Board of Studies*, the dissertation will take the form of a paper suitable for submission to an appropriate peer reviewed journal. The content of this paper must reflect the research topic. The successful completion of this paper fulfils the requirements for a dissertation. This course needs to be undertaken with MGPCC Dissertation (part-time) Part 1 to fulfil the requirements of the dissertation.

assessment: dissertation

* Exemptions will be rare but may be necessary in some circumstances to avoid significant disadvantage to a particular student.

HORTICULTURE

HORTICUL 7000WT
Production Horticulture

3 units semester 2

even years only

2 lectures, 4 hours practicals a week (practicals may be replaced by tour)

assumed knowledge: PLANT SC 2001WT Agricultural Botany or APP ECOL 1003RW Biology of Plants and Animals

The subject examines production of commercial fruit, vegetable and nut crops including limits to production and characteristics for cultivars, management and irrigation, harvesting and marketing. Crops considered include citrus, apple and pears, grape vines, soft vines (berries), stone fruits, almond, walnut, macadamia, pecan, pistachio, and the tropical fruit, pineapple, banana, mango, lychee and avocado. Vegetables include tomato, potato, brassicas, cucurbits, lettuce and the onion group.

assessment: exam 70%, assignments 30%.

HORTICUL 7001WT
Horticulture Systems

3 units semester 1

2 lectures, 4 hours practicals per week

assumed knowledge: PLANT SC 2001WT Agricultural Botany or APP ECOL 1003RW Biology of Plants and Animals

The importance of horticulture to the community, sustainability and economic value, horticultural production areas and environmental factors involved. Fruit crop growth and its control using cultural and chemical methods. Horticultural propagation methods. The basis of production systems which include horticulture, and systems which combine different types of horticulture. Plant improvement and breeding. The significance of pollination to horticulture.

assessment: mid-semester exam, final exam, assignments

HORTICUL 7043WT
Postharvest Horticulture and Marketing

3 units semester 2

odd years only

2 lectures, 4 hours practicals or equivalent per week

assumed knowledge: PLANT SC 2001WT Agricultural Botany or APP ECOL 1003RW Biology of Plants and Animals

Postharvest systems, fruit morphology and structure, fruit development, respiration and postharvest hormones; postharvest temperature, water and gas stress, postharvest light, irradiation, gravity, mechanical pathogenic and physiological stresses; harvesting, preparation and packaging technology, cooling technology, storage and transport technology; nutrition and food safety; processing and waste minimisation; domestic and export marketing, wholesaling and retailing. The course normally includes visits to horticulture enterprises.

assessment: exam 60%; assignment 40%.

HORTICUL 7050WT
Lifestyle Horticulture

3 units semester 1

even years only

2 lectures, 4 hour practical per week

assumed knowledge: PLANT SC 2001WT Agricultural Botany or APP ECOL 1003RW Biology of Plants and Animals

restriction: HORTICUL 3047WT Ornamental Horticulture (9838)

Garden history: English, French, Italian, Chinese, Japanese, Islamic, dry-land garden and fire safety, management of parks and gardens; landscaping: design, planting principles, maintenance throughout the year; turf grass; orchard and vineyard: design, establishment, management throughout the year, crop utilisation, organic production, vegetable and herb gardens: design, plant selection and utilisation, management throughout the year; protected culture of ornamental plants, flowers: plants, production management, pot plants: plants, production management, flower care: postharvest floriculture.

assessment: final exam, two assignments.

HORTICUL 7052WT
Olive Production and Marketing

3 units mid-year break

This course examines production aspects of olive oil and pickling fruit. Characteristic requirements regarding cultivar selection, climate, soils and location; growing practices plus management of irrigation, pest and diseases; development budget financial planning; harvesting and oil quality assessment; marketing of olives including market evaluation, market plan development in product, pricing, distribution and marketplace decisions. Students are required to participate in field visits to growing/marketing enterprises as arranged.

assessment: exams 65%, practical reports 35%

INFORMATION SYSTEMS

ECOMMRCE 7004

Internet Commerce (M)

3 units semester 1

3 hour seminar per week

assumed knowledge: fundamentals of world wide web, information systems development and relational database management systems

Objective: to examine how businesses use the world wide web to interact with customers. Topics: alternative business models, current Australian practices, commercial benefits and costs, design construction and management of a website, integration with a database, HTML and JavaScript languages, server side scripting, project management, payment systems, security, international considerations, evaluation and maintenance of the website as part of a marketing plan.

assessment: assignments and exam as determined at first lecture

INTERNATIONAL STUDIES

INST 5000

Approaches and Issues in International Relations

6 units semester 1

eligibility: postgraduate International Studies students

A broad meaning of the terrorist attacks on the USA on 11 September 2001 is that the tragedy highlighted the profile and influence of non-state actors and their transnational networks in world politics during the post-Cold War era. This impression was again reinforced by the numerous aid organisations such as Medicins sans Frontieres which rushed to the Afghanistan-Pakistan border to care for the flood of refugees anticipating a US attack. Expanding transnational activism by non-state actors has challenged the top-down or state-centric perspectives of world order, sovereignty, security, justice and citizenship. This course examines transnational social movements and their implications for the reshaping of world politics in recent years.

assessment: essay and seminar presentation to a total of 8000 words

INST 5001

International Politics in the Post Cold War World

6 units semester 2

eligibility: postgraduate International Studies students

The notions of leadership and power have been important sources of debate since the end of the Cold War, and most notably in the Asia-Pacific region. Questions of succession, the role of the state in generating economic growth and social stability and the possibility of divining an 'Asian model' that other states could emulate have all figured prominently in shaping stimulating perspectives on the conduct of politics and nation-building. This course examines the foundations of power and the nature of Asian leadership in the region, focussing on the ideologies, forms of political organisation and the rationales for rule.

assessment: essay and seminar presentation to a total of 8000 words

INST 5002

International Studies A

6 units semester 1 or 2

eligibility: postgraduate International Studies students

On advice from the Convenor of International Studies, students choose from a range of courses in disciplines taking an international studies perspective.

assessment: essay and seminar presentation to a total of 8000 words

INST 5003

International Studies B

6 units semester 1 or 2

eligibility: postgraduate International Studies students

On advice from the Convenor of International Studies, students choose from a range of courses in disciplines taking an international studies perspective.

assessment: essay and seminar presentation to a total of 8000 words

INST 5500

Dissertation in International Studies F/T

12 units semester 1 or 2

eligibility: M.A.(International Studies) students

Dissertation on an International Studies topic approved by the Convenor of International Studies.

assessment: dissertation of 15000 words

INST 5501A/B

Dissertation in International Studies P/T

12 units full year

Dissertation on an International Studies topic approved by the Convenor of International Studies.

assessment: dissertation of 15000 words

LANDSCAPE ARCHITECTURE

LARCH 7004A/B

Landscape Architecture Masters Project

12 units full year

16-18 hours average lectures/ tutorials/ workshops/ field trips; hours vary from week to week

eligibility: M.L.Arch. students only

prerequisite: LARCH 7013 Landscape Architecture Studio II

corequisite: LARCH 7005A/B Landscape Architecture Masters Dissertation

This course entails the preparation of a design response to a student devised brief. The substance and scope of the design may embrace aspects of nature and/or culture in urban and/or rural settings but is specifically intended to display the students' mastery at landscape design and an attuned understanding of the factors, theories, and opportunities that may influence and underpin the design.

The project will be of moderate to high complexity. Tuition will entail both individual and group seminar and studio classes resulting in an individual exposition. Responses should demonstrate an advanced level of knowledge and ability in several areas of landscape architecture thought and practice, including evidence of the student's ability to collect and evaluate information, construct, test and defend arguments or hypotheses, and to critically self-examine landscape design proposals. The final presentation or exhibition of the project should display a thorough

assessment: masters project

LARCH 7005A/B

Landscape Architecture Masters Dissertation

12 units full year

2 hour tutorial/seminar per week

eligibility: M.L.Arch. students only

corequisite: LARCH 7004A/B Landscape Architecture Masters Project

restriction: enrolment subject to application to Dean of School and contingent upon prior results

This course comprises an individual research inquiry into a topic or theme or theory within the discipline of landscape architecture. The dissertation research culmination needs to display an adept fluency in period and contemporary literature and debates about the topic, evidence of a logical argument and analysis of available information or test results, an appreciation and use of a research methodology including its assumptions and validity, and the presentation of this research in a robust discussion paper or through an exhibition with catalogue.

Students will be required to undertake supervised research into a particular topic, leading to the presentation of a seminar paper, and submission of a final report/essay of between 6000 to 12000 words..

assessment: internal and external - seminar paper and/or exhibition, final essay or report articulating and supporting the project

LARCH 7009

Landscape Architecture Studio IA

6 units semester 1

up to 18 hours of lectures/tutorials/ workshops/field trip; contact hours vary week to week

eligibility: M.L.Arch. students only

This course will typically address a small to medium sized landscape design and planning topic in a rural setting possessing high aesthetic and ecological qualities and experiencing human development pressures. The course will explore the role and opportunities for landscape design and planning interventions and strategies in a precinct or region of high scenic and biological values and human pressures caused either by mining, recreation, transportation, commercial, tourist and or pastoral/agricultural activities.

A project-based learning program integrating design and the avenues of landscape inquiry and expression (structures, materials, plants, languages, information technologies, etc.) and the practices of landscape design, planning and management within a theoretical and historical context; taking account of human (physiological, social and cultural) and ecological (faunal, floral, soil, water, etc.) factors.

assessment: assignments and projects - may include written, verbal, and graphic (2 and 3 dimensional) communication

LARCH 7010

Landscape Architecture Studio IB

6 units semester 1

up to 18 hours of lectures/tutorials/ workshops/field trip; contact hours vary week to week

eligibility: M.L.Arch. students only

This course will typically address a series of small to medium sized landscape design problems with an emphasis upon construction theory and design. The course will explore the role, qualities and possibilities of construction design and materials, and their possible uses in landscape design applications. Attention will be paid to a creative sustainable approach in construction design and materials, languages applied in the 'manufacture' of landscapes through materials, topographic changes, the materiality of interventions and possibilities in using natural and artificial materials.

assessment: assignments and projects - may include written, verbal and graphic (2 and 3 dimensional) communication

LARCH 7011

Landscape Architecture Studio IC

6 units semester 2

Up to 18 hours of lectures/tutorials/ workshops/field trip; contact hours vary week to week

eligibility: M.L.Arch. students only

A project-based learning program integrating architectural and landscape design and digital media technologies that will typically address a small to medium sized design and planning topic in an urban setting possessing particular cultural constraints, relationships and landscape nuances. The course will place emphasis upon either urban design or ecological design or urban ecology questions and theories. The course will explore the role and contribution of design in our cultural environments, and the nexus between culture and nature in an urban context.

assessment: assignments and projects - may include written, verbal, and graphic (2 and 3 dimensional) communication.

LARCH 7012

Landscape Architecture Studio ID

6 units semester 2

up to 18 hours of lectures/tutorials/ workshops/field trip; contact hours vary week to week

eligibility: M.L.Arch. students only

A project-based learning program integrating architectural and landscape design and digital media technologies that will typically address a medium to large sized design and planning topic in a rural setting possessing particular cultural constraints, relationships and landscape nuances different from that commonly experienced in the South Australian environment. The course will explore the possibilities of digital media in designing and articulating designs, large to regional design issues, non-Mediterranean design issues, and site planning questions. Theories of multi-media design expression, architectural and landscape design, on-site infrastructure will be woven with topics addressing human (physiological, social and cultural) and ecological (faunal, floral, soil, water, etc) factors.

assessment: assignments and projects - may include written, verbal, and graphic (2 and 3 dimensional) communication

LARCH 7013

Landscape Architecture Studio II

6 units semester 1

up to 18 hours of lectures/tutorials/ workshops/field trip; contact hours vary week to week

eligibility: M.L.Arch. students only

prerequisite: at least three of the following: LARCH 7009 Landscape Architecture Studio IA, LARCH 7010 Landscape Architecture Studio IB, LARCH 7011 Landscape Architecture Studio IC, LARCH 7012 Landscape Architecture Studio ID

corequisite: LARCH 7014 Landscape Architecture Practice II, LARCH 7015 Landscape Architecture Seminar II

This course will focus upon landscape planning and urban design theories, methodologies and case studies. It will typically address a range of small to medium sized landscape design and planning topics in rural and urban settings that will be dependent upon the use and application of information technologies and geographic information systems, and digital media and hand graphic representational styles and approaches. The course will explore the position of both nature and culture using creative information technology. A project-based learning program integrating design and the avenues of landscape inquiry and expression (structures, materials, plants, languages, information technologies, etc) and the practices of landscape design, planning and management within a theoretical and historical context; taking account of human (physiological, social and cultural) and ecological (faunal, floral, soil, water, etc) factors.

assessment: assignments and projects - may include written, verbal, and graphic (2 and 3 dimensional) communication.

LARCH 7014

Landscape Architecture Practice II

4 units semester 1

2-3 hours of lectures/tutorials/ workshops/field trips; contact hours vary week to week

eligibility: M.L.Arch. students only

corequisite: LARCH 7013 Landscape Architecture Studio II, LARCH 7015 Landscape Architecture Seminar II

This course will address the frameworks for and ethical structures of architectural and landscape architectural professional practice in South Australia and Australia. Topics include organisational theory; principles of law; the general organisation of architectural and landscape architectural (and multi-disciplinary) practices including the management of an office's human, physical and financial resources, the relationship between designers and their clients; consultants and contractors; contract administration; specifications; the legal qualifications of an architect and landscape architect; professional organisations; ethics; risk management and professional liability; planning and building law and regulations; problems facing the architect and landscape architect today; estimating and cost control; bills of quantities; the role of the quantity surveyor; project management; the range of services offered by architects and landscape architects.

A student is expected to be in possession of a current copy of the Building Code of Australia and its associated commentary, as a requirement of this course.

assessment: work diaries, seminar papers, projects, exams.

LARCH 7015

Landscape Architecture Seminar II

2 units semester 1

2-3 hours of lectures/tutorials/ workshops/field trips; contact hours vary week to week

eligibility: M.L.Arch. students only

corequisite: LARCH 7013 Landscape Architecture Studio II, LARCH 7014 Landscape Architecture Practice II

This course will address contemporary issues of landscape architecture design, planning and practice. The course will explore the role of landscape architecture in the design and planning disciplines and traditions; review and critique contemporary dialogues, designs, theories and philosophies in landscape architecture; and, consider and debate potential future directions, contributions and technologies for the landscape architecture profession.

assessment: projects and seminar papers

LAW

LAW 5009

Alternative Dispute Resolution

4 units semester 2

20 hours

The course will include a detailed examination of the philosophy and practice of ADR methods in the context of an adversarial legal system. It will assume basic knowledge of the range of ADR options available, and will develop understanding of the operation and implications of various ADR theories and practices in our legal system. It will evaluate the experience in Australia and other common law countries of the development and incorporation of ADR options in dispute resolution, the civil, administrative, family and criminal contexts. By examining both philosophy and practice, the course aims to develop ability to critically assess the legal, social and other issues intrinsically linked to the values imputed to ADR, and to understand the implications of the operation of those theories in an adversarial legal context. The course will include the following: (I) the nature of disputes, and the psychological, political, cultural, economic and social issues that affect dispute resolution; (ii) The relevance and social acceptance of ADR as a credible alternative to litigation; (iii) theory, features and values of various forms of ADR; (iv) Justice reform-the role of the courts in justice delivery-provision of court annexed ADR, the "multi-doored" court and the value of judicial decision making; (v) power and control issue in dispute resolution; (vi) the role of mediators-ethical standards; (vii) legal rights and responsibilities flowing from ADR outcomes.

assessment: 3000 word paper 70%, submission of group report, project, presentation, or other exercise, to be agreed with course coordinator

LAW 5010

Accreditation for Mediators

2 units semester 2

intensive course

quota may apply

pre/corequisite: LAW 5009 Alternative Dispute Resolution

Two day intensive practical workshop that builds on theory explored in Alternative Dispute Resolution which is a pre-requisite for this unit. Student will engage in simulated mediation exercises playing the role of parties and mediators. Students will have their performance as mediators formally assessed with written feedback. Associated sessions will include evaluation and critique of techniques in mediation and implications for justice access.

assessment: may include written feedback on performance as mediator, learning/evaluative journal, written exam, presentation

LAW 7001

Advanced Public Law (MCL)

The course will comprise an advanced study of selected issues in public law determined on the basis of importance, complexity, current relevance and staff availability and interest. Topics may include, but will not be limited to, a more detailed examination of some of the issues examined in the core public law courses in the LLB curriculum (for example Australian constitutional law, administrative laws, law of crime, corporate law) so as to develop a more advanced conceptual understanding of the underpinnings of the principles of public law including, for example, such matters as theories of constitutionalism; republicanism; the relationship between law and community; the principle of proportionality; the public/private distinction; the distinction between constitution/statute/common law; the nature of the judicial function; the nature of legislation; and the nature of the intersection of national and international law.

LAW 7002

Commercial Law and the Market (MCL)

This course will begin with an investigation of the history of commercial law. Particular attention will be paid to the competing views over the origin and content of the law merchant and what lessons this debate provides for a student today. The possible purposes of commercial law will also be considered and the lessons

these offer for an understanding of commercial law. The course then considers a basic issue of legal study - how much attention is paid to the law, in this case commercial law. Empirical and theoretical works encompassing a range of industries and perspectives will be examined to help answer this question. The course will also examine responses to the use of law in the market in light of the purposes of commercial law and the capacities of judges and the legal system to meet these purposes. The course will end with an investigation into the role of law in expanding the range of the market into new areas such as biotechnology and the Web.

LAW 7004

Jurisprudence (MCL)

This course introduces some of the philosophical questions raised by the practical workings of law. We will examine the nature of law and legal reasoning and how law is related to other social institutions, practices or discourses (primarily morality, politics and ideology). Such issues have been long debated, though our discussions will focus on readings drawn from a variety of influential and critical contemporary perspectives.

The course also raises substantive issues of justice and morality. The primary aim is not to ask what the law should say in particular areas, but to examine some broader issues concerning the relationship between law, legal institutions and justice. Issues addressed will vary from year to year (depending, in part, on student interests) but may include: the role and value of the 'rule of law'; the communitarian critics of 'liberal' rights discourse; the economic analysis of law; the philosophical foundations of constitutionalism and the problem of constitutional interpretation; the extent of any moral obligation to obey the law; and how (if at all) law and legal institutions can help achieve justice in multicultural and/or post-colonial societies.

No background in philosophy is assumed, though students should have a basic understanding of common law reasoning and the Australian constitutional system.

LAW 7005

Labour & Industrial Relations Law (MCL)

4 units semester 1 or 2

40 hours

The course will focus on the legal regulation of work relationships, both individual and collective, through an examination of the common law, statute, and international law. Topics include: a) the changing nature of work and law in the Australian and global context; b) the formation of work relationships: including the contract of employment, contract for services including an examination of non-standard work relations; c) industrial awards and conciliation and arbitration: including the nature of test cases and awards as part of the 'safety net', the roles of the Australian Industrial Relations Commission and the South Australian Industrial Relations Commission, the "public interest" in industrial regulation, the role of trade unions and the legal concept of "industrial dispute"; d) equality in work relations: including the intersection of anti-discrimination law and the law regulating work, equality and enterprise bargaining; e) the law governing the breakdown of work relationships and security of employment: including at common law and the statutory provisions relating to the termination of employment; f) bargaining under the statutory system: including enterprise and collective agreements, parties and the role of trade unions, individual agreements and Australian Workplace Agreements, and protections for disadvantaged groups of workers; and g) freedom of association: including international law and freedom of association, individual and collective aspects of the statutory protection of freedom of association, strikes as part of the bargaining process, common law liability for strike action.

assessment: class participation, and options for continuous written assessment or research essay of 7000 words

LAW 7006

Regulation of Competition (MCL)

A study of the encouragement, supervision and regulation of competition in Australia, with a particular focus upon the abuse of positions of market power and other restrictive trade practices such as anti-competitive cartels.

The course will also examine the role of the ACCC in enforcement & administration of the Trade Practices Act 1974, as well as the provisions for administrative authorisation of some anti-competitive conduct on public benefit grounds. A particular focus will be placed upon recent developments, including structural reforms in the light of post Hilmer competition policy.

assessment: to be advised

LAW 7007

Comparative Constitutional Law (MCL)

4 units semester 1

40 hours

This course will explore a number of the essential features of constitutional law of Western countries which are comparable to Australia and will compare them with the equivalent features of the constitutional law of one or more other jurisdictions (including Australia). In particular the subject will consider the method, technique and role of the judiciary in the interpretation of the other constitutions. Other aspects that will be investigated include: Court structure; the executive; the legislature; the protection of fundamental rights; and federalism.

assessment: participation 20%, 5000 word research essay 60%, short paper presentation 20%

LAW 7009

Minerals and Energy Law (MCL)

The course examines the law and practice relating to the extraction of minerals and the development and exploitation of energy resources. It covers the development of mining legislation in Australia with reference to exploration, extraction, and the enforcement of mining interests. The law relating to the exploitation of oil and gas resources will be covered with reference to, inter alia, off-shore and on-shore exploration and production, taxation issues, royalties, project financing, joint ventures, Aboriginal land rights and environmental controls. The course will also deal with the regulation of the electricity industry and alternative energy resources: solar energy, wind energy and geothermal energy. The examination of law and practice relating to these forms of energy will cover existing and proposed technologies, environmental constraints, legal barriers to development, the rights and potential liabilities of consumers and producers and proposals for legislative change.

LAW 7010

Comparative Corporate Rescue Law (MCL)

The aim of the course is to identify the role of insolvency law regimes in the global corporate environment, with particular emphasis on formal and informal rehabilitation processes for corporations experiencing financial difficulties. The course will cover the following topics as they relate to corporations operating in the major trading regions of the world: when is rehabilitation appropriate? access to the process; protection afforded to the company on entering into the process; formulating a rehabilitation plan; the role of an independent administrator in the process; the role of creditors, members, and company officers in the process; the role of the court; informal v formal rehabilitation processes.

LAW 7012

Corporate Finance (MCL)

4 units semester 1 or 2

40 hours

This course deals with the following aspects of the law relating to financial products and markets: Types of investment capital: debt and equity; Restructuring a company's share capital: reductions of capital and share buy-backs; Investment capital raising: the fund raising provisions of the Corporations Act; The regulation of managed investment schemes.

LAW 7014

Comparative Corporate Rescue Law (MCL)

The aim of the course is to identify the role of insolvency law regimes in the global corporate environment, with particular emphasis on formal and informal rehabilitation processes for corporations experiencing financial difficulties. The course will cover the following topics as they relate to corporations operating in the major trading regions of the world: when is rehabilitation appropriate? access to the process; protection afforded to the company on entering into the process; formulating a rehabilitation plan; the role of an independent administrator in the process; the role of creditors, members, and company officers in the process; the role of the court; informal v formal rehabilitation processes.

LAW 7016

Comparative Native Title: Australia & Canada (MCL)

Native title has profound implications for real property law in Australia and Canada. The primary objective of this course is to explore this statement. To do that, the course is divided into two parts. In the first part, students will examine the range of techniques available in Australia and Canada for the recognition and protection of native title. These techniques include judicial and legislative responses, quasi-constitutional documents such as treaties, constitutional provisions that guarantee rights, and the establishment of semi-autonomous institutions for indigenous self-government. In the second part of the course, student will identify and consider the ways in which the recognition of native title requires a reassessment of the foundations of real property law in Australia and Canada.

LAW 7019

Aboriginal People and the Law (MCL)

History of the relationship between Aboriginal and non-Aboriginal people including governmental policies towards Aboriginal people: particular issues include racial discrimination, and rights, Mabo, native title legislation, Aboriginal customary law, the criminal justice system, reconciliation, social justice.

LAW 7024

Comparative Law (MCL)

4 units semester 1

This course will cover the following topics: the world's families of legal systems; comparative evaluation of the merits of differing legal solutions to social problems; law understood as divine revelation and law as a human creation (exemplified by an analysis of the roots of European and North American law and a survey of the history and present day practice of Islamic law); the impact of the philosophy of the Enlightenment on European and North American law (the theory and practice of human rights and the codification movement in civil law and common law countries); codified and uncodified law, highlighting prominent features of civil law and common law systems, eg, the rule of precedent (common law), reliance on good faith (civil law) and differing standards of interpretation of statute law; the investigatory civil procedure (civil law) and the adversarial civil procedure (common law). Selected civil law judgments (translated into English) and common law judgments which have similar fact patterns will be compared.

LAW 7025

Dissertation (MCL)

12,000 - 15,000 word essay

LAW 7027

Securities & Investment.Law (MCL)

This course deals with the following aspects of the law relating to financial products and markets: Defining financial products and financial markets; Misleading and deceptive conduct in financial product transactions; Financial market manipulation; Insider trading in financial products; Short-selling of financial products; The regulation of corporate takeovers.

assessment: exam 100%, or exam 60% and 3000 word essay 40%, or exam 40% and 5000 word research paper 60%

LAW 7028

Comparative Environmental Law (MCL)

An examination and evaluation on a comparative basis of the environmental laws of a number of other countries, with particular emphasis upon United States, Canadian and European Community Environmental Law (for the purpose of comparing approaches to environmental management within differing federal systems). Attention will be directed also to environmental law in developing countries, particularly in South East Asian and Pacific regions. In this context, the difficulties of introducing legally enforceable environmental management regimes in lower income countries will be a particular focus.

LAW 7029

Tax and the Revenue Concept (MCL)

This course will cover the constitutional aspects of taxation and the distinction between capital and income receipts and deductions.

LAW 7039

The Conflict of Laws (MCL)

Courts sometimes have to deal with cases which are significantly connected to another jurisdiction. This other jurisdiction may be another Australian State or Territory, or it may be a foreign country. Questions arise as to the court's jurisdiction over the parties, the appropriate law to apply to the matter, and the recognition and enforcement of judgments of courts outside the jurisdiction. The course examines aspects of the constitution and other bases of federal, state and cross-vested jurisdiction and service of process and the principle of forum non conveniens. It then looks to the principles (including the constitutional principles) according to which choice of law decisions may be and are made in the context of specific fields of law (eg torts, contracts, property, succession, matrimonial causes, etc. involving different states of Australia or other countries. Finally the recognition and enforcement of foreign judgments (including those of other Australian courts) is considered.

LAW 7041

Selected Issues in Law of Crime & Procedure (MCL)

The course will deal with specific issues in law of crime and procedure which will differ from year to year and will be considered in the light of developments in Commonwealth law of crime and of other Australian and overseas jurisdictions. (See Law Handbook for more detail).

LAW 7042

Technology Law (MCL)

This course will consider how the law impacts on technology - both by regulation and facilitation. The roles of statute, tort and contract will be considered, along with comparative and transnational approaches and extra-legal means of control of technology. These general issues will be considered in the setting of specific situations such as the following topics: the Internet (privacy, censorship, electronic transactions, advanced intellectual property issues); Biotechnology (Gene Technology regulation, biotechnology patents); Commercialisation of technology (practicalities, ethics, liability for technology).

LINGUISTICS

LING 5001

Computer Assisted Language Learning - CALL

3 units semester 2

eligibility: Grad.Dip. or M.A. in Applied Linguistics students

A practical introduction to the use of information technology, this course develops skills in the creation and use of electronic environments for educational purposes. Students have the opportunity to develop projects with applications to workplaces.

assessment: 2 written reports on aspects of technoliteracy, documentation of a project on the use of information technology

LING 5004

Language and Meaning

6 units semester 1

eligibility: Grad.Dip. or M.A. in Applied Linguistics students

Language is embedded in everyday actions as it is used to carry out different functions. The purpose of this course is to investigate the linguistic choices which differentiate uses of language, for example the differences between spoken and written language, between academic discourse and informal language. Students are introduced to the analysis of discourse and texts using functional grammar, conversational analysis and critical language discourse.

assessment: 2 major written assignments, text analyses and report of an investigation into language use

LING 5008

Language and Environment

6 points not offered in 2004

eligibility: Grad.Dip. or M.A. in Applied Linguistics students

This course examines both the central role of human languages in the perceptions of environmental matters (language of ecology) and the nature of the environment in which such languages can survive (ecology of language). Students will learn to apply available linguistics techniques and methods to the analysis of environmental discourse and will learn about the interdependencies between linguistics and cultural diversity. A wide range of primary English language documents will be analysed and contrasted with environmental discourse in languages other than English. Students will find out about the rapidly growing ecolinguistic literature published around the world. Topics include: Ecolinguistic literature around the world, Environmental metaphors, Analysing environmental discourse, Ecospeak, Environmental terminology: changes and cross-cultural perspectives, Comparisons.

assessment: assignments to a total of 8-9000 words or equivalent

LING 5009

Language Teaching in Specific Settings

6 units semester 2

eligibility: Grad.Dip. or M.A. in Applied Linguistics students

For this course students study contemporary curriculum principles and the design of curriculum for different purposes and contexts. The contexts include teaching English to speakers of other languages (TESOL), first language education and adult literacy. There is a particular focus on curriculum in action together with a critical review of various approaches to curriculum design.

assessment: critical analysis of curriculum design, documentation of curriculum in action, curriculum design project

LING 5010

English for Academic Purposes

6 units not offered in 2004

The aim of this course is to extend students' command of English Language for working in academic and educational contexts. Students analyse characteristic features of academic texts from different disciplines.

assessment: 3 assignments

LING 5011

Language and Learning

6 units semester 1

eligibility: Grad.Dip. or M.A. in Applied Linguistics students

In this course students analyse leading-edge developments in language and literacy education. The course combines practical teaching strategies with theoretical analyses of language and language learning. The course has applications to teaching English to speakers of other languages (TESOL) as well as to literacy and language education.

assessment: 3 seminar papers, report of an investigative project

LING 5030

Language and Communication Planning

6 units not offered in 2004

eligibility: Grad.Dip. or M.A. in Applied Linguistics students

Students will be familiar with the ecology and sociology of language approaches to language maintenance as well as the technical linguistic apparatus needed in the area of language engineering. Particular attention will be given to language planning in Australia and neighbouring countries. At the end of this course students will have an understanding of the wider ramifications of language planning and maintenance as well as skills in the area of micro language engineering.

assessment: 4000 word essay, 5 practical exercises or annotated diary of data observation - analysis totalling 5000 words

LING 5041

Action Research

3 units semester 1 or 2

eligibility: Grad.Cert. Applied Linguistics students

In this course students conduct small-scale investigations into language practices in educational and other workplace settings. Project topics are negotiated with the Course Coordinator. The investigations are documented and reported in postgraduate seminars.

assessment: written documentation of action research project, seminar presentation

LING 5059

Special Topic in Linguistics

6 units semester 1 or 2

eligibility: Grad.Dip. or M.A. in Applied Linguistics students

Content is based on areas of expertise of Distinguished Visiting Scholars or on research projects in the Discipline of Linguistics.

assessment: 4000 word essay, 5 practical exercises or annotated diary of data observation analysis - to a total of 5000 words

LING 5101
Computer Assisted Language Learning (Grad Cert)

3 units semester 2

eligibility: Grad.Cert. Applied Linguistics students

A practical introduction to the use of information technology, this course develops skills in the creation and use of electronic environments for educational purposes. Students have the opportunity to develop projects with applications to workplaces.

assessment: written report on an aspect of technoliteracy, documentation of a project on the use of information technology

LING 5103
Directed Study in Linguistics

3 units semester 1 or 2

eligibility: Grad.Cert. Applied Linguistics students

Content to be devised in consultation with the Program Coordinator.

LING 5104
Language and Meaning (Grad Cert)

6 units semester 1

eligibility: Grad.Cert. Applied Linguistics students

Language is embedded in everyday actions as it is used to carry out different functions. The purpose of this course is to investigate the linguistic choices which differentiate uses of language, for example the differences between spoken and written language, between academic discourse and informal language. Students are introduced to the analysis of discourse and texts using functional grammar, conversational analysis and critical language analysis .

assessment: 3 written text analyses, study report

LING 5109
Language Teaching in Specific Settings (Grad Cert)

3 unit semester 2

eligibility: Grad.Cert. Applied Linguistics students

For this course students study contemporary curriculum principles and the design of curriculum for different purposes and contexts. The contexts include teaching English to speakers of other languages (TESOL), first language education and adult literacy. There is a particular focus on curriculum in action together with a critical review of various approaches to curriculum design.

assessment: critical review of one curriculum design, curriculum design project

LING 5110
English for Academic Purposes (Grad Cert)

3 units not offered in 2004

eligibility: Grad.Cert. Applied Linguistics students

The aim of this course is to extend students' command of English Language for working in academic and educational contexts. Students analyse characteristic features of academic texts from different disciplines.

assessment: 3 assignments

LING 5111
Language and Learning (Grad Cert)

3 units semester 1

eligibility: Grad.Cert. Applied Linguistics students

In this course students analyse leading-edge developments in language and literacy education. The course combines practical teaching strategies with theoretical analyses of language and language learning. The course has applications to teaching English to speakers of other languages (TESOL) as well as to literacy and language education.

assessment: 2 seminar papers, practical project

LING 5501
Dissertation in Linguistics F/T

12 units semester 1 or 2

eligibility: M.A.(Applied Linguistics) students

Contact hours to be advised

Dissertation of 18000 words.

LING 5502A/B
Dissertation in Linguistics P/T

12 units full year

eligibility: M.A.(Applied Linguistics) students

Contact hours to be advised

Dissertation of 18000 words.

MANAGEMENT

COMMGMT 7006

Organisational Behavior (M)

3 units not offered in 2004

2 lectures, 1 tutorial per week

Objective: to understand the way in which individual factors, group processes and features of the organisational system as a whole influence the behaviour of people at work. Topics: personality, perception, motivation, group behaviour, communication, leadership, power and politics, organisational structure and job design, work stress, and organisational change.

assessment: assignments, tutorial contribution, exam, as determined at first lecture

COMMGMT 7007

Strategic Management (M)

3 units not offered in 2004

2 lectures, 1 tutorial per week

assumed knowledge: completion of at least two courses at a specialisation level

Objective: to understand strategic planning, implementation and control as these components of strategic management relate to the formulation of long-term strategy in private sector, public sector and non-profit organisations. Topics: strategic planning rationales, mission and vision statements, objectives formulation, environmental analysis, strategic alternatives, strategy selection, implementation and control, strategy for technology and innovation, non-profit organisation strategy, social responsibility and environmental strategies.

assessment: assignments and exam as determined at first lecture

MANAGEMT 7000HH

Entrepreneurship

3 units

prerequisite: Accounting for Managers

Entrepreneurship is increasingly recognised as an important driving force in the economic development and prosperity of a community. While broader issues of entrepreneurship are covered, the course focuses on entrepreneurship in new venture creation, identifying opportunities, business planning for a new venture, obtaining venture capital, growth, technological innovation, harvesting wealth and coping with failure and bankruptcy.

assessment: assignments, case study analyses, group or individual projects, class participation.

MANAGEMT 7002

European Business Strategy

3 units

prerequisite: Strategic Management

The development of the European Union (EU) over the last 20 years or so has had major strategic implications for companies within the member countries. Given that the EU is one of the major regional markets in the world, the EU also has had significant implications for the competitive strategies of companies in non-EU countries. As membership of the EU continues to expand and the degree of economic integration of the member countries increases, its significance for the rest of the world will increase. The EU has been traditionally important to Australian companies as an export market and also for the location of offshore operations. This course will examine the strategic implications of the EU for companies inside and outside of the Union, and provide participants with an understanding of the topics necessary to successfully implement strategies within the EU. Topics include an analysis of the European environment and the single market concept, developing a sustainable competitive position in a European context, the impact of the EU on organisational structure, developing strategic alliances within the EU, and implementing strategies in the single European market.

assessment: assignments, case study analyses, group or individual projects, class participation.

MANAGEMT 7009

Public Sector Management

3 units

This course will acquaint students with the special and unique characteristics of management in the public sector, and the key issues facing public sector managers. Topics to be covered may include the interaction of public sector organisations and the political process; the opportunity for strategic planning; the machinery of government; public finance and resource allocation; the management of human resources in the public sector; accountability; service delivery; the organisation of public commercial activities.

assessment: assignments, case study analyses, group or individual projects, class participation.

MANAGEMT 7012

Business Process Management

3 units

With the current emphasis on better ways to serve customers, organisations have started to question how they approach the task of process improvement. Three dominant approaches have appeared, Total Quality Management, Reengineering and Benchmarking. Fundamental to each approach is a new way of

managing; a disciplined focus on improving the cross-functional processes which deliver value to customers. This course will lead participants through each approach and explain each in the context of their intended impact on business processes. The course explores an intriguing idea in depth. Many organisations are structured and manage themselves along functional lines but rethinking a business in terms of its processes challenges this wisdom. This leads to building management structures, systems and work teams around cross-functional processes. This development is called 'going horizontal' and provides new challenges for today's managers. Relevant issues such as process ownership, process teams, measurement, strategy and improvement methods are discussed in this course.

assessment: assignments, case study analyses, group or individual projects, class participation.

MANAGEMT 7013HH

Managerial Leadership

3 units

prerequisite: Fundamentals of Leadership

This course looks at the issues and challenges facing organisational leaders in a global context of constant change. It will explore and analyse the theory and research relating to leadership and its application. The course will explore leadership in the context of intelligence, change, gender, learning, creativity and vision, values and ethics. The course will challenge students to analyse their own leadership style and the application of leadership in their current and/or future work life.

assessment: assignments, case study analyses, group or individual projects, class participation.

MANAGEMT 7015HH

Managing Business in the Asia-Pacific

3 units

prerequisite: Strategic Management

This course uses the concept of competitiveness to compare business and management practices in major economies in the Asia Pacific and Australia. The focus is on industrial and institutional environment that may synergise with the internal competencies of enterprises to produce international competitiveness. Specific tools for assessing competitiveness and for enhancing cultural awareness will be introduced.

assessment: assignments, case study analyses, group or individual projects, class participation.

MANAGEMT 7020NA

Interpersonal Skills

3 units

prerequisite: Managing Contemporary Organisations

The aim of this course is to develop practical management and leadership skills, using an approach and methods applicable across a wide range of interpersonal contexts. Course methods will include lecture inputs, case exercises and syndicate analysis and discussion, and will also include experiential learning methods, such as the recording and analysis of video simulations. Topics include impression management, behaviour flexibility, interaction styles, selection interviewing, appraising and counselling, committee and team skills, and presentation skills. The session/s devoted to presentation skills will also contribute towards candidate assessment.

assessment: to be advised

MANAGEMT 7022ST

Business Law

3 units

This course will introduce managers to a range of legal issues that impact on their business and on their duties and responsibilities as managers. There is an increasing trend in the law to make managers personally liable for breaches of the law by their business. The course will help managers to identify areas of legal liability and risk and suggest how to minimise legal risk.

The topics covered in the course include an introduction to the Australian legal system, the law of business structures, contract law, intellectual property law, employment law, law of business torts, consumer protection law, competition law and electronic commerce law. In each topic, emphasis is placed on identifying the legal duties that apply to a manager and the legal liabilities that may be attracted by their actions.

MANAGEMT 7025NA

Company Failure and Renewal

3 units

prerequisite: Accounting for Managers

This course should create an awareness of the reasons why organisations experience crises and what might be done to identify problems, to avoid potential failure and to transform the organisation to enable it to succeed in the future. The symptoms and causes of failure will be examined in depth, as well as the techniques, both quantitative and qualitative, that may be used to identify the onset of difficulties as early as possible. In particular, the following issues will be addressed: what failure means; how it is caused; how its approach can be identified from within the organisation; the process of organisational decline; how failure in companies may be predicted

from their financial reports; how cultural differences can influence failure; what can be learnt from past collapses; insolvency law and how it affects companies and those who manage them; opportunities and strategies for business revival; whether there might be a new beginning for businesses after failure; strategies for turnaround; cases related to failure and turnaround.

assessment: to be advised

MANAGEMT 7033

The Learning Organisation

3 units

The objectives of this course are: 1 - to realise that there are forces that are reshaping workplaces and pressing managers to consider the role of learning in organisations; 2 - to realise that learning occurs and may be analysed in different ways and different contexts; 3 - to realise that there are many different elements, processes and skills involved in implementing a learning organisation; 4 - to realise that organisational learning is interrelated with most organisational and management goals;; 5 - to realise that the strategies for building learning organisations may vary with particular theoretical sets and mental models of the process.

assessment: assignments, case study analyses, group or individual projects, class participation.

MANAGEMT 7036SC

Human Resource Management

3 units

This course covers the operative fundamentals and specifics of human resource systems and practices within an organisation. Upon completion of the course, students will be able to identify the strategic contributions of HRM; apply appropriate HRM practices in specific situations; and apply specific interpersonal skills to "sell" HRM activities to corporate executives and line managers.

assessment: to be advised

MANAGEMT 7039

Management of Change

3 units

prerequisite: Fundamentals of Leadership, Managing Contemporary Organisations

This course examines the changing environment in which organisations operate and how managers might utilise this change. The role of the manager in managing change, both planned and unplanned, is a focus of the course. Theories of change, how individuals are affected by and can influence change will provide the theoretical foundations for this analysis. Students will also develop an understanding of change as it occurs at the individual group and organisational level.

assessment: assignments, case study analyses, group or individual projects, class participation.

MANAGEMT 7040HH

Project Management (AGSB)

3 units

prerequisite: Accounting for Managers, Fundamentals of Leadership, Managing for Value Creation,

This course investigates the increasing use of projects to accomplish limited duration tasks in many organisations and the unique style of administration required to manage them. Projects considered include RandD studies, campaigns, construction, emergency operations and other such endeavours. Topics include the selection of projects, creativity and technological forecasting, the role of the project manager, how to organise and plan a project, negotiation and conflict resolution, budgeting and cost estimation, project scheduling (PERT/CPM) and resource location among multiple projects, project monitoring and information systems (including project management software), controlling projects, auditing projects, ways of terminating projects and running projects in multicultural settings.

assessment: assignments, case study analyses, group or individual projects, class participation.

MANAGEMT 7041HH

International Marketing

3 units

prerequisite: Marketing Management

This course builds on Marketing Principles through an examination and analysis of exporting by medium and small companies, and international marketing by multinationals with production facilities in more than one country. Major elements are the 'globalisation' of contemporary business, joint ventures and strategic alliances, and Japanese business thinking.

prerequisite: assignments, case study analyses, group or individual projects, class participation.

MANAGEMT 7042HH

Corporate Strategy

3 units trimester 1, 2 or 3

prerequisite: all compulsory core courses in the MBA program

An integrated study of strategic decision making in organisations that builds on the concepts introduced in Strategic Management, and on knowledge gained from previous studies in functional areas of management. Prior studies in business level strategic management enables the focus in this course to be directed towards corporate and multi-business strategy, on globalisation and cross organisational relationships, and on the role of the senior

management team. The course is based on presentations by the course coordinator, on case studies, and group presentations on organisational strategies. Specific topics include diversification, managing the multi-business organisation, mergers and acquisitions, transformation, strategic alliances, globalisation, top management teams, and the implications of developments in information technology and communication for corporate strategies.

assessment: examination, written assignments, case study analyses, group or individual projects, class participation.

MANAGEMT 7044HH

Strategic Management (AGSB)

3 units trimester 1, 2 or 3

prerequisite: Fundamentals of Leadership, Managing Contemporary Organisations, Managerial Economics, Accounting for Managers, Marketing Management, Managing for Value Creation

This course presents a unified way of thinking about the issues of strategic thinking and the management of change. Strategic thinking involves searching for a favourable and sustainable, competitive position in an attractive industry; while the management of change, from a strategic perspective, is concerned with innovation and the transformation of resources and skills into strategic capabilities that provide the bases for sustainable advantages. Positioning - once the heart of strategy - is rejected as too static for today's dynamic markets and changing technologies. This course argues that bit by bit the quest for productivity, quality, and speed has spawned a remarkable number of management tools and techniques (TQM, benchmarking, JIT, outsourcing, re-engineering, partnering) and almost imperceptibly these management tools have taken the place of strategy. Strategic continuity, it is argued, should make an organisation's continual improvement more effective and must not imply a static view of the competition.

Strategic management is important because it can help focus the firm in terms of: What customers it chooses to serve; What customer needs it will fulfil; How it fulfils identified customer needs.

It also identifies a direction for the firm and enables a clear articulation of the path chosen. In this way strategic management facilitates change in the organisation. The process of developing strategy adds value and understanding throughout the organisation leading to managers thinking strategically. Students find this course one of the most rewarding and are left with a high level of general management skill.

assessment: exam, written assignments, case study analyses, group or individual projects, class participation.

MANAGEMT 7045HH

Services Marketing

3 units

prerequisite: Marketing Management

This course is designed to provide the student with an understanding of the key concepts that lead to the effective marketing of services and to develop skills in preparing a service marketing plan. To accomplish this, the course uses a combination of lectures, class participation, case discussions, and a group project. A major component is the services marketing project which provides students with the opportunity to prepare a marketing plan for a new or existing service.

assessment: assignments, case study analyses, group or individual projects, class participation.

MANAGEMT 7046HH

Negotiation Skills

3 units

prerequisite: Fundamentals of Leadership

The purpose of this course is threefold. The first is to explore the major concepts and theories of negotiation, as well as the dynamics of interpersonal and intergroup conflict and its resolution. This will entail material about the structural (eg parties, positions, interests) and process (cognitive, interactional) dynamics that are required for a sound critical background. The second objective is to develop skills relevant to a broad range of applied contexts. This involves direct training in identifying crucial elements of negotiation situations and implementing appropriate resolution strategies. The third objective is to develop teamwork skills by working within and through group exercised.

assessment: assignments, case study analyses, group or individual projects, class participation.

MANAGEMT 7052NA

International Financial Management

3 units

prerequisite: Managing for Value Creation

Examines the international financial and investment environment particularly determination and management of currency exchange rates, foreign exchange markets, foreign exchange risk management, multinational working capital management, overseas investment analysis including ownership options, financing of overseas operations, tax and accounting implications of international investments, treasury management, and international capital markets.

assessment: assignments, case study analyses, group or individual projects, class participation.

MANAGEMT 7059NA

Advanced Managerial Finance

3 units

prerequisite: Managing for Value Creation

This course extends the range of topics, complexity of analysis, of the material covered in Managing for Value Creation. Topics to be covered include financial analysis, financial planning, current asset management, leasing, futures markets, long term financing, mergers and acquisitions, international finance and risk management.

assessment: to be advised

MANAGEMT 7064

Advanced Marketing

3 units

prerequisite: Marketing Management

This course builds on the knowledge of marketing theory and practice gained in Marketing. It embraces up-to-the-minute thinking and practice in mainstream marketing and is relevant across consumer, business, service, commodity, and information sectors. The course requires participants to prepare a complete marketing plan with budget and other supporting documents.

assessment: assignments, case study analyses, group or individual projects, class participation.

MANAGEMT 7072NA

Management Project

3 units trimester 1, 2 or 3

prerequisite: Strategic Management

This course draws on the work undertaken in the required core courses and builds on the analytical skills developed in the integrative courses. It provides an opportunity for students to complete an applied project based on a management problem or issue. Each student will undertake an individual program of activities leading to a case or project report. Common classes will be conducted on issues such as data collection methodologies and the use of evidence to support project recommendations.

Students may choose either a case study project which analyses a real-world management problem or a project which undertakes the investigation of a particular problem or issue and makes relevant recommendations. The written report will contain findings, analysis and recommendations on the problem under investigation. Where a student chooses to write a management case study for assessment, the final report will consist of a written case together with separate analysis.

assessment: case or project report

MANAGEMT 7075

Advanced People Management Skills

3 units

assumed knowledge: Managing Contemporary Organisations

This course will provide a'"hands on' opportunity for students to learn the skills of management. Note that this course will focus on job application, not theory. Upon completion of the course students will demonstrate their ability to name the correct intervention strategy required for employee situations and conduct the following meetings with employees: coaching, counselling, change management, career counselling, delegation, interviewing and selection, problem solving, decision-making, one-on-one training and performance management.

assessment: assignments, case study analyses, group or individual projects, class participation.

MANAGEMT 7077

Workplace Relations

3 units

prerequisite: Fundamentals of Leadership, Managing Contemporary Organisations

The course will focus on the management of employment relations at enterprise and workplace levels. A comparative approach will be taken to the study of the workplace. Initial attention will be devoted to discussing theoretical frameworks for examining workplace employers, employees, governments and unions in seeking to shape such relationships. Case studies of particular workplaces will enable students to examine the factors influencing such issues as equity in opportunity and reward; the management of occupational health and safety; work organisation; trade unionism and employee involvement in decision making. Particular attention will be given to the evolution of enterprise based bargaining in Australia.

assessment: assignments, case study analyses, group or individual projects, class participation.

MANAGEMT 7078NA

Electronic Marketing

3 units

This is an integrative course which builds on the basic themes from previous completed studies in accounting, management, marketing and finance and from previous professional experience. The focus is on applying these concepts to start and grow e-marketing initiatives, to help make profitable decisions, and to compete effectively in the marketplace. Issues covered will include strategies and tactics for value creation, exploring issues such as connectivity, broadband, "community," "stickiness" and internet privacy; the process of introducing, exploiting and profiting from technological innovation and intellectual property in the marketing field; and assessing the

public policy implications of e-marketing. The course seeks to challenge students to build on their business education and experience to clarify their own entrepreneurial tendencies and focus their skills on identifying, assessing and planning the profitable exploitation of opportunities via e-marketing.

MANAGEMT 7079

E-Business: New Dimensions

3 units trimester 1, 2 or 3

This course meets the demands of business managers to have a level of understanding of the managerial, strategic and technological dimensions of electronic business, sufficient to enable them to manage organisations where the dynamics of e-business are involved. The course does not seek to provide managers with high level technical IT skills, or a deep understanding of e-business marketing tools, legal issues, privacy and copyright dimensions, or e-payments systems. Participants will deal with all these issues during the course, but for the primary purpose of enabling them to develop a managerial and strategic planning framework relevant to e-business. In so doing, participants will be introduced to the principles of strategic management, enabling them as managers to deal with e-business challenges from a leadership perspective.

assessment: exam, written assignments, case study analyses, group or individual projects, class participation.

MANAGEMT 7081HH

Global Business

3 units trimester 1, 2 or 3

prerequisite: Accounting for Managers, Marketing Management, Managerial Economics

This course builds participants' knowledge and understanding of cross-border business activity in two ways. First, it exposes participants to some of the practical requirements of managing businesses which are global in scope. Second, it organises participants with contemporary thinking about achieving global competitiveness.

Among everyday issues included are: the analysis of international trade flows, the drivers of foreign direct investment, the institutions of the global trading system, the different levels of regional economic integration, the character of the international monetary system and global capital market.

The course also helps participants understand the different ways in which companies organise themselves to achieve global competitiveness in diverse business environments. Global competitiveness is examined from three perspectives, that of public policy, that of senior managers responsible for results, and that of the CEO concerned with the internal structure of a global business.

assessment: exam, written assignments, case study analyses, group or individual projects, class participation.

MANAGEMT 7086HH

Fundamentals of Leadership

3 units trimester 1, 2 or 3

To achieve success in today's competitive environment it is essential that managers develop the ability to interact positively with others, whether they be employees, employers, colleagues, customers or suppliers. Strong interpersonal skills are also required if students are to maximise the benefits from their management studies. Positioned at the beginning of the MBA program, this course encourages students to explore issues and develop personal skills implicit in leadership. By exploring their self-perceptions, students will be well placed to broaden their understanding of others.

Upon completion, students will possess an understanding of the development of management thought and practice, providing a background against which new trends in management can be viewed. Students will be able to identify and discuss the major challenges facing management in today's environment, and, with heightened self-awareness, develop the understanding and communication skills required to effectively lead and manage a diverse workforce.

assessment: exam, written assignments, case study analyses, group or individual projects, class participation.

MANAGEMT 7087HH

Managing Contemporary Organisations

3 units trimester 1, 2 or 3

prerequisite: Fundamentals of Leadership

This course will focus on the macro level of organisational behaviour, emphasising the managerial and leadership roles in managing organisations in a dynamic environment.

The objectives are:Development of a sophisticated understanding of the complexity of organisations, and greater insight into the significant internal and external forces that influence organisational behaviour and how they can be managed; Development and application of conceptual and clinical skills that are useful for the analysis of organisations and the resolution of their problems; Provision of an overview and introduction to the various sub-fields of organisation and management theories, such as competitive strategy, organisational change, conflict management, power and politics, and organisational culture.

assessment: exam, written assignments, case study analyses, group or individual projects, class participation.

MANAGEMT 7088HH

Strategic Performance Drivers

3 units trimester 1, 2 or 3

prerequisites: Fundamentals of Leadership, Managing Contemporary Organisations, Managing for Value Creation, Accounting for Managers, Managerial Economics

Performance measurement systems provide vital information for managers to achieve goals and strategies. Conventional systems focus on measuring financial performance, in particular profit, its components revenue and expenses, and investment. However, this course challenges students to think about performance in a strategic context. To succeed an organisation must measure and manage the drivers of performance as well as the financial consequences. These performance drivers reflect the organisation's strategies.

After completing this course students will be equipped to take a strategic view of performance measurement and management. They will understand the strengths and weaknesses of financial performance measurement systems and be able to develop measures of performance linked to the strategies of their organisation.

Topics covered will include the nature of management control systems and performance measurement, strategic planning and budgeting, financial performance measures (including EVA), the balanced scorecard, measuring and rewarding performance, managing performance across the value chain, and managing risk.

assessment: exam, written assignments, case study analyses, group or individual projects, class participation.

MANAGEMT 7089NA

Economics for Infocomm Managers

3 units

This course introduces students to how economists tackle a range of issues which are relevant to infocom managers. Economics is often divided into streams of microeconomics, dealing with how markets work and the effects of government intervention in market processes, and macroeconomics, dealing with "big picture" issues such as national output and employment. We will be selecting issues important to the communication industries from both fields for your attention. Basic theoretical tools are introduced to deal with the issues being discussed. In the process, we explore a large number of economic concepts and analytical tools, and to the "language" of economists. Each topic in the course is motivated by a current issue in economic policy or business strategy, eg how to set prices in markets with a high degree of interaction between competitors, the role of the regulation, government tax and spending policies, and the impact of the industrial relations system.

MANAGEMT 7090NA

Financing Infocomm Businesses

3 units

One of the special challenges facing industry executives is the source of medium to long-term capital. This course will develop an understanding of the factors relevant to the capital structure decisions of information and communication businesses. Participants will develop a mature understanding of, and skills in, securities valuation, investment appraisal, decision-making tools, and multi-purpose risk-return models. On completing this course, participants will have developed approaches, which enable them to create value in their businesses.

MANAGEMT 7091NA

Infocomm Industry Policies

3 units

This course will provide a contextual background for the INFOCOMMM industry and deals in the first half with the impact of globalisation on public policy; issues of ownership autonomy and revenue; impact of convergent technologies; telecom market deregulation; the organisational challenges of privatisation; and competition, consumer protection and consumer choice.Thereafter the course examines the economic drivers of the global INFOCOMMM industry, the emerging structure of the industry, cost and price pressures within the industry, principles of technology management, and the practical problems of industry forecasting

MANAGEMT 7092NA

Managing Infocomm Firms

3 units

This course provides a generic and industry based context for the study of issues such as the nature of business, the impact of environmental factors, basic business functions, and tools to set and measure business goals. The course aims to provide participants with a sound foundation for managing a business or business unit in the new economy. It exposes participants to the nature of business, how business is influenced by environmental factors, and what basic business functions need to be effectively performed in order to compete in the market place. Participants will be given tools to set and measure business goals, as well as benchmarking techniques.

MANAGEMT 7093NA

Global Business Marketing

3 units

This course introduces participants to the contextual and functional elements of marketing in the information and communication industry. Participants will benefit from a clearer understanding of the use of marketing frameworks and their application and effectiveness in global information and communication markets. Traditional tools

of marketing such as market targeting, product positioning, product development, pricing, market research and customer segmentation, take on unique dimensions in the information and communication industry environment. The course will expose managers to the unique marketing challenges, and response strategies of information and communication firms, whether they are service providers, IT specialists or carriers.

MANAGEMT 7094NA

Financial Control for Infocomm Managers

3 units

This course will equip students with the skills to analyse, interpret and use financial information to improve business outcomes. Upon completion, students will have a high comfort level in dealing with corporate financial statements, internal management reports, budgets, and other forms of financial information. On completing the course, participants will have the knowledge to better manage their own business units and corporations through having developed an understanding of financial and management accounting principles and issues.

MANAGEMT 7095NA

Leading Infocomm Firms

3 units

Leadership of information and communication firms demands special qualities, appropriate to the new economy. These leadership qualities are developed from careful analysis of the special characteristics of the information and communication industry, in conjunction with an understanding of leadership theories, organisational culture, and the management of change processes. Participants in this course will also develop their understanding of the relationships between technology utilisation and human performance, recognising the uniqueness of virtual organisations and how human communications and group work in an organisational setting can be modified to the changing demands of technology.

MANAGEMT 7096NA

Infocomm Marketing Strategies

3 units

Upon completing this course, participants will have developed knowledge and understanding of marketing strategy particularly focussed on the information and communication industry's highly competitive and dynamic markets. The course will equip managers with the ability to invoke marketing strategies in such a way that all of the relevant resources and capabilities of the organisation are employed and aligned in support of the chosen strategic thrust. Building upon the concepts and theories of strategic and competitive analysis, participants will develop the ability to time, organise, and then direct marketing efforts deep into the competitive maelstrom of the global information and communication marketplaces.

MANAGEMT 7097NA

Strategic and Competitive Analysis

3 units

Participants will benefit from the opportunity to examine the broad view of competition in the information and communication sector, initially from study of the immediate competitive environment, but quickly moving to taking a "whole firm" perspective. They will develop an understanding of how decisions in each functional area can be managed to form a coherent business strategy. This course seeks to inculcate confidence in future managers to make decisions and take their business units and organisations forward, translating strategy into organisational action through individuals. The course is integrative, bringing together the disciplines of finance, economics, accounting, and organisational behaviour covered in earlier courses.

MANAGEMT 7100SC

Accounting for Managers (MBA)

3 units trimester 1, 2 or 3

Participants in this course will develop the essential ability of all top flight managers, to use complex accounting information as a platform for decision-making. As the course unfolds, participants will build an increasingly sophisticated level of understanding and comfort in dealing with financial reports, organise and interpreting earnings statements, balance sheets, and cash flow reports. This ability to analyse financial statements will enable participants to deal more effectively with strategic options for their businesses or business units.

Strong foundations in financial analysis, and development of crucial basic accounting skills will also enable participants to develop a management accounting focus. From this second phase of the course students will take away highly relevant and finely tuned skills in financial decision making, must be able to assess issues of business productivity and growth and to quantify complex business decisions. Such skills, ability and knowledge will enable participants to more effectively identify profitable opportunities and to contribute significantly to better management within their own organisations.

assessment: exam, written assignments, case study analyses, group or individual projects, class participation.

MANAGEMT 7101

Managing for Value Creation

3 units trimester 1, 2 or 3

*corequisite:*7100 Accounting for Managers

This course initially will cover the concepts of valuation in finance, and show how they can be applied to valuing corporate securities. Adopting a value creation perspective, the course will then consider

capital expenditure decision approaches and their application to a range of situations, as well as evaluation of the results. Then, risk is considered, with a risk-return model developed that can be applied in managing for value creation. The course examines the concept of the weighted average cost of capital, before turning to consider corporate financing and capital structure decisions.

assessment: exam, written assignments, case study analyses, group or individual projects, class participation.

MANAGEMT 7102HH
Managing Technology Innovation

3 units trimester 1, 2 or 3

prerequisite: Strategic Management

Managing Technology and Innovation (MTI) examines the challenges of managing technology and innovation from the general manager's point of view. MTI will help students understand the root causes of common problems in technology and innovation, showing how these can manifest themselves symptomatically in various stages of the development process, and in different areas of the company.

The purpose of MTI is first to help managers build the tools to understand the real, underlying reasons why efforts to innovate so often fall short of expectations - and then with that understanding as a foundation, to learn how to build action plans that resolve the root problems.

Expected course outcomes are to: Identify that it is often "good" rather than "bad" management that leads companies to miss certain strategically critical innovations; Understand the challenges of finding new markets for new technologies, and develop a set of principles by which they can manage searches for innovative product-market ideas; Understand how and why the streams of innovative products and services that firm introduce to the market can easily become disconnected from the strategies that managers intend for their firms to pursue; Identify the very capabilities that enable an organisation to execute certain innovations very effectively whilst constituting rigidities or disabilities in tackling innovations of a different nature; Understand when and why it is important to be a technology leader, and when it is advisable to follow other technology pioneers.

assessment: exam, written assignments, case study analyses, group or individual projects, class participation.

MANAGEMT 7103HH
Economics for Management

3 units trimester 1, 2 or 3

This course provides an introduction to economic thinking and its relevance and application to managing organises. The first part of the course deals with the structure of markets, including perfect competition, monopoly and oligopoly, and the competitive regulatory environment. The second part deals with the determinants of the aggregate level of output and employment, and elements in the determination of macroeconomic policy including interest rates, inflation and foreign trade and capital flows. The focus of the course is on current issues and their implications for managers and competitive organisations

assessment: exam, written assignments, case study analyses, group or individual projects, class participation.

MANAGEMT 7104HH
Marketing Management

3 units trimester 1, 2 or 3

Marketing lies at the core of all business. Whatever the character or size of your entity, its profit can come from only one place; the marketplace. All businesses are dependent on the income they earn from their customers, clients or buyers. In most larger businesses it is marketing managers who are primarily responsible for keeping their company close to its customers. In any case, all those who have a direct responsibility for identifying, reaching and satisfying customers are engaged in marketing and everybody in a business needs to understand its marketplace activities. This course offers a complete introduction to professional marketing thought and action.

The course explains the nature and purpose of marketing, followed by the fundamentals of each of the most important marketing tasks. It analyses the business need for customer orientation, the evaluation of markets and the targeting of market opportunities. There is then assessment of buyer behaviour and the role of market information. In addition, the course explains how to integrate product and service decisions with those on pricing, distribution and promotion - and why this is necessary.

assessment: exam, written assignments, case study analyses, group or individual projects, class participation.

MANAGEMT 7107SC
Human Resource Management in the Public Service

3 units

This course provides a strong focus on the operative HR practices specific to the Singapore Public Service. It also covers a comparative study of HR practices in the public, private and international arenas. Upon completion of the course students will be able to recognise the rationale behind HRM practices in the Singapore Public Service; compare key HRM practices in the Singapore Public Service with those overseas and in the private sector and identify HRM trends in the Singapore Public Service and develop strategies to take advantage of them.

MANAGEMT 7108NA

Industrial Relations

3 units

This course discusses industrial relations in the local context with a global perspective. Upon completion of the course, students will be able to describe the industrial relations system in Singapore and its unique features from historical and ideological perspectives; recognise the impact of the Singapore industrial relations system on labour productivity and national competitiveness and apply appropriate strategies in their negotiation with unions

MANAGEMT 7110SC

Performance Management and Development

3 units

This course begins with an overview of the performance management frameworks in Singapore, followed by the application of specific tools and models to organisations. Upon completion of the course, students will be able to describe the rationale for identification, measurement and development of performance; evaluate performance management systems against business strategies; and identify appropriate development practices to enhance employee performance, taking into account national and firm-level strategies

MANAGEMT 7111SC

Contemporary Issues in Human Resource Management

3 units

This course aims to create awareness among students of the emerging HRM issues and its implications in the new economy. Upon completion of the course, students will be able to predict emerging HRM issues through business environment analysis and develop appropriate handling strategies; perform topical HRM functions such as bench-marking and job analysis and recognise the transferability of HRM practices across cultures

MANAGEMT 7200

The Organisation of the Future

This course would aim to consider a range of recent management theories and developments, their application in today's organisations and their implications for the managing in the future. Emphasis will be on the adoption of different theoretical perspectives in studying today's business organisations and the influences of these perspectives on management actions.

assessment: Case analysis, group and individual workplace projects.

MANAGEMT 7201

Strategic Thinking in the Global Environment

Designed to develop your knowledge of advanced tools for decision analysis, strategic thinking and subsequent implementation in the organisational context, this course will require you to think beyond your current boundaries and examine a range of scenarios for action. The course is taught in the context of a globalised economy characterised by high levels of interdependence.

assessment: Case analysis, group and individual workplace projects

MANAGEMT 7202

Frontiers of Professional Practice in Business (1)

The two 'Frontiers of Professional Practice' courses will provide you with an appreciation of current developments in several discipline areas. You will be encouraged to think across these disciplines and to explore the relevance of leading edge policy and practice to your managerial or professional role rather than restrict your thinking to your own area of expertise.

For the first course, the focus will be in the general management areas of organisational behaviour, human resource management, leadership, and entrepreneurship.

For the second course, the focus will be on other demanding areas of business such as finance, marketing, technology management and accounting.

assessment: Case analysis, group and individual workplace projects

MANAGEMT 7203

Frontiers of Professional Practice in Business (2)

The two 'Frontiers of Professional Practice' courses will provide you with an appreciation of current developments in several discipline areas. You will be encouraged to think across these disciplines and to explore the relevance of leading edge policy and practice to your managerial or professional role rather than restrict your thinking to your own area of expertise.

For the first course, the focus will be in the general management areas of organisational behaviour, human resource management, leadership, and entrepreneurship.

For the second course, the focus will be on other demanding areas of business such as finance, marketing, technology management and accounting.

assessment: Case analysis, group and individual workplace projects

MANAGEMT 7204

Research in the Organisation

The aim of this course is to provide an understanding of the contribution of research to organisations generally and particularly for policy development. It will explore the underlying value of the role of argument in the research context drawing on systems thinking. It

will introduce an overall appreciation of different research methodologies: quantitative and qualitative, descriptive, explanatory, evaluative and scientific as well as various approaches including positivist, systems theory and post-modernist.

assessment: Case analysis, group and individual workplace projects

MANAGEMT 7205

Research Methodology (1): Qualitative Research

Focusing on providing knowledge and skills in collecting and analysing qualitative data, this course includes questionnaire/survey design and case study application to maximise the chances of good returns. Conducting interviews, taking field notes, and the use of software packages to assist in the organisation of qualitative data will briefly be covered.

MANAGEMT 7206

Research Methodology (2): Quantitative Research

This course will examine different research tools which can be utilised within the quantitative research paradigm including an understanding of the purpose of parametric and non-parametric statistical analysis, sampling and variation. Computer-based statistical packages will be introduced to familiarise you with up-to-date software for quantitative research.

assessment: Case analysis, group and individual workplace projects

MANAGEMT 7207

The Research Process

This course will explore research tools and techniques including the conduct of a literature search, the development of hypotheses or research questions, the drafting of a research proposal, and the preparation of a literature review.

MANAGEMT 7222

Business Intelligence

3 units

This course will consider both business Intelligence and competitive intelligence and assess their impact on corporate strategy. It will examine how systems designed for business Intelligence transform raw data within an organisation into valuable information that is understandable and useful to decision makers. The course will analyse and discuss the essential structures and technologies used to construct business intelligence systems identifying what is to be achieved with business intelligence.

assessment: class participation, group assignment, exam

MARKETING

MARKETNG 7005

Marketing Principles (M)

3 units semester 1

2 lectures, 1 tutorial per week

Objective: to be introduced to a comprehensive range of professional marketing thought and action, in the framework of the marketing management process. Topics: the nature and purpose of marketing, the need for customer orientation, evaluating markets, targeting market opportunities, assessing buyer behavior, the role of market information, products and services, pricing, distribution and promotion.

assessment: assignments and exam as determined at first lecture

MARKETNG 7023

Consumer Behaviour (M)

3 units semester 2

2 lectures, 1 tutorial per week

Objective: to understand the theory of consumer behaviour and how it relates to the practice of marketing. Topics: consumer behaviour from perspectives of psychology, anthropology, social and behavioural sciences, consumer behaviour within the consumer decision process and its main influencing factors.

assessment: assignments and exam as determined at first lecture

MARKETNG 7024

International Marketing (M)

3 units semester 2

2 lectures, 1 tutorial per week

assumed knowledge: MARKETNG 7005 Marketing Principles (M), MARKETNG 7023 Consumer Behaviour (M)

Objective: This course is designed to introduce you to modern marketing philosophies and practices associated with international marketing. It spotlights the special marketing problems posed by export markets and examines the special marketing management problems faced by multinational organisations. Principle issues include the importance of culture in international marketing, the economic, political and cultural environments, global marketing strategy and research, and, the four 'Ps' of international marketing.

assessment: based on group work on case studies, major project, mid-semester and final exam as determined first lecture

MARKETNG 7025

Marketing Communications (M)

3 units not offered in 2004

2 lectures, 1 tutorial per week

assumed knowledge: MARKETNG 7005 Marketing Principles (M), MARKETNG 7023 Consumer Behaviour (M)

Objective: to understand the principles and practices of marketing communications, involving tools used by marketers to inform consumers and to provide a managerial framework for integrated marketing communications planning. Topics: the role of integrated marketing communications, organising for advertising and promotion, consumer behaviour perspective, the communication process, promotional objectives and budgets, creative strategy, media planning and strategy, broadcast/print & support media, direct marketing, sales promotions, PR and publicity, personal selling, international promotion, business-to-business promotions, and regulations and ethics.

assessment: assignments and exam as determined at first lecture

MARKETNG 7026

Market Research and Planning (M)

3 units semester 2

2 lectures, 1 tutorial per week

assumed knowledge: MARKETNG 7005 Marketing Principles (M), MARKETNG 7023 Consumer Behaviour (M)

Objective: to understand the process by which market information is collected and analysed and to apply this understanding to the development of a marketing plan in response to a real life client problem. Topics: role of market research, the research process, measurements including univariate data analysis depth interviews and focus groups, bivariate data analysis, multivariate grouping procedures, surveys and questionnaire design, multivariate analysis with dependant variables, sample size, field operation and data processing, experiments, and reporting.

assessment: assignments and exam as determined at first lecture

MARKETNG 7027

Brand Management (M)

3 units semester 1

3 hour seminar per week

assumed knowledge: at least two courses at marketing specialisation level

Objective: to build on existing communications and consumer behaviour models in order to explore many of the issues facing a modern day brand manager. Topics: evaluation of brands, brands and their relationships with consumers, the brand manager position and the variety of tasks, tools associated with the role of brand manager, and how to effectively manage brands.

assessment: assignments and exam as determined at first seminar

MARKETNG 7028

E- Marketing (M)

3 units semester 1

3 hour seminar per week

assumed knowledge: at least two courses at marketing specialisation level

Objective: to examine the theoretical and practical issues associated with electronic commerce in terms of the internet's use in dealing with stakeholders and developing and market new products and services. Topics: introduction to the internet, e-commerce and e-marketing, specific features of internet based marketing, the internet marketing plan, internet marketing mix, internet marketing research, customer relationship management and the internet, electronic business communication, security issues, taxation legal & ethical issues, future development and issues of the internet.

assessment: assignments and exam as determined at first seminar

MARKETNG 7029

International Market Entry Strategy (M)

3 units semester 1

3 hour seminar per week

assumed knowledge: at least two courses at marketing specialisation level

Objective: The main objective, as the name suggests, is to show the student how to design and execute international market entry strategies that aim to achieve a sustainable presence in foreign markets. Students will develop an understanding of an effective entry-planning model that identifies key decisions regarding entry to international markets. The principle issues that the course will cover include the importance of global segmentation and positioning, global branding, indirect/direct exporting, licensing, franchising, joint ventures and wholly-owned subsidiaries.

assessment: assignments and exam as determined at first seminar

MARKETNG 7030

Marketing Ethics (M)

3 units semester 2

3 hour seminar per week

assumed knowledge: at least two courses at marketing specialisation level

Objective: to assess organisational ethical decision-making processes, issues and organisational control mechanisms. Topics: ethics in the context of boundary spanning roles between the organisation and outside constituents, deceptive advertising, price fixing, product misrepresentation and liability, billing issues, and development of due diligence ethics programs.

assessment: assignments and exam as determined at first seminar

MARKETNG 7031

Relationship Marketing (M)

3 units semester 2

3 hour seminar per week

assumed knowledge: at least two courses at marketing specialisation level

Objective: to examine the processes and outcomes of business interaction with consumers and other businesses to achieve long-term relational exchanges. Topics: interactions and relationships in consumer and business markets, the consumer as an active channel member, managing relationships with customers, business marketing and networks, managing business relationships, technology and relationships, building a relationship offering, transferring the offering, valuing relationships by price costs and value, developing a relationship strategy, relationship termination.

assessment: assignments and exam as determined at first seminar

MARKETNG 7032

Strategic Marketing (M)

3 units semester 2

3 hour seminar per week

assumed knowledge: at least two courses at marketing specialisation level

Objective: to examine the development and implementation of marketing strategy by providing a framework from which to identify and evaluate strategic options and programs. Topics: forecasting and contextual possibilities, product-market definition, relationships with channels of distribution, relationships with customers, competitive analysis, financial models for marketing strategists, portfolio models, benchmarking and the PIMS models, timing changes and strategy assessment of marketing channels, strategic assessment of offerings, marketing strategy implementation systems.

assessment: assignments and exam as determined at first seminar

MATHEMATICS

APP MTH 7018

Aerodynamics

3 units semester 2

2 lectures per week, tutorial when required

assumed knowledge: hydrodynamics, as in level III Applied Mathematics or Engineering Mathematics III; functions of a complex variable

This course will cover classical and modern aspects of aerodynamic theory. It will concentrate mainly on low-speed (incompressible) flow, though some effects of compressibility in sub-sonic and supersonic flow will be discussed. The incompressible material is such that there is relevance to hydrodynamics as well as aerodynamics, and applications to hydrofoils and planning surfaces will be included.

assessment: exam 80%, assignment 10%, computing project 10%

APP MTH 7026

Communication Network Design (Masters)

3 units semester 1

2 lectures per week, tutorial when required

assumed knowledge: basic concepts of nonlinear and discrete optimisation, as in Operations Research II, Optimisation III and Mathematical Programming III

This is a very large field and the course will look at some subtopics in depth, rather than trying to cover the whole area. Nevertheless the range of topics is broad enough to give a flavour of the area. The approach is deterministic; probabilistic effects are hidden in the objective function or constraints. The principal decision to be made in network design is the routing of the offered traffic through the network; once this decision has been made, the design of the network is largely determined.

assessment: exam 90%, assignments 10%

APP MTH 7052

Computational Fluid Dynamics (Eng)

3 units semester 1

2 lectures, 1 tutorial per week

prerequisite: Mathematics 1 or equivalent

assumed knowledge: Hydrodynamics or Fluid Dynamics and a computer language (fortran, Pascal, or C)

Fundamentals of fluid dynamics, including Navier-Stokes equations, continuity equation, energy equation, and equations of state; finite difference techniques, finite volume method, finite element method; numerical grid generation and turbulence; brief presentations on a selection of commercially available CFD codes.

assessment: exam 70%, computer assignments 20%, written assignments 10%

APP MTH 7053
Statistics in Engineering

3 units semester 2

3 hours per week, including 2hours lectures

prerequisite: Level I Mathematics or equivalent, introductory statistics course or equivalent background reading

This course will provide an introduction to the theory and practice of probability and statistics in the context of engineering, with an emphasis on modelling. To provide student's with the experience of using Excel, SAS, Splus and Matlab for statistical analysis. Revision - probability, descriptive statistics, binomial, uniform, Gaussian (normal) distributions, and expectation. Covariance, correlation, linear combinations of random variables, sampling distribution of the mean, confidence intervals for means and proportions. Further probability - Bayes' theorem, decision trees, Poisson processes and the Poisson and exponential distributions, Markov chains, Markov processes. Further distributions - Moment generating functions.Transformation of variables. Weibull in the context of reliability, Gumbel and generalised extreme value distributions in the context of flood prediction. Random number generation. Multivariate distributions - Bivariate distributions, marginal and conditional distributions. Approximate mean and variance of functions of random variables. Bivariate normal distribution, multivariate normal distribution, bivariate Gumbel distribution, Gibbs sampler. SPC - Shewhart and CUSUM charts. Regression - of response on a single predictor. Log-regression. Multiple regression. Logistic regression. Design of Experiments - Simple designed experiments-paired and unpaired comparison of means, approximate comparison of standard deviations and proportions. Factorial experiments and half factorial designs. Central composite designs. Response surface analysis. Taguchi's contribution to experimental design. Time series - Identification of trend and seasonal effects. Correlogram. Autoregressive processes of order 1 and 2. Forecasting and simulation.

assessment: assignments 15%, mini-project 25%, open book exam 60%

APP MTH 7054
System Modelling and Simulation

3 units semester 1

2 lectures per week, tutorial when required

assumed knowledge: basic statistics such as that covered in probability and statistics part of STATS 2004 Laplace Transforms and Probability and Statistical Methods

This course aims to introduce the basic concepts involved in designing a system model and to introduce the use of a simulation package or a simulation program. To improve students' presentation skills, both verbal and written, to improve students' ability to work as part of a team through an extended project and to give students the opportunity to follow a system modelling and simulation exercise from conception through to completion. At the end of this course, students will be capable of identifying practical situations where simulation modelling can be helpful, reporting to management on how they would undertake such a project, collecting relevant data, building and validating a model, analysing the output and reporting their findings to management.

Students are also expected to complete a project in groups of two or three, to write a concise summary of what they have done and to report their findings to the class.

assessment: exam 60%, project report 30%, project presentation 5%, simulation exercise 5%

APP MTH 7055
Games Theory

3 units semester 1

2 lectures per week, tutorial when required

Games in extensive and normal forms. Zero-sum games. Finite games; minimax strategies, saddle points, mixed strategies and the minimax theorem. Dominance, simple solutions, complete solution of the finite game, linear programming formulation. Infinite games, extended mixed strategies, epsilon-good strategies, games of timing. Many person games. Negotiation problems. Non zero-sum games in cooperative and non-cooperative version, solution concepts.

assessment: exam 80%, written assignments 20%

APP MTH 7056
Telecommunications Systems Modelling

3 units semester 2

3 hours per week, including 2 hours lectures

assumed knowledge: Probability Theory, such as one or more of APP MTH 2008 Operations Research II, STATS 2002 Introduction to Mathematical Statistics II or STATS 2004 Laplace Transforms, Probability and Statistics II

restriction: cannot be counted with APP MTH 3015 Stochastic Modelling for Telecommunications III or APP MTH 4014 Teletraffic Models.

To introduce students to concepts of stochastic modelling with an emphasis on applications relating to telecommunication systems. Considerable emphasis is also placed on the development of skills that are important in the workplace. Amongst these are presentation and communication skills, ability to present a solution in terms that the 'owner of a problem' can understand, ability to make decisions about which techniques might be useful to solve a problem and ability to meet deadlines.

assessment: final exam, assignments (including computing assignments)

PURE MTH 8000

Coding and Cryptology III

2 units semester 2

2 lectures a week; tutorial every 3 weeks

prerequisite: MATHS 1007A/B Mathematics I (Pass Div I) or MATHS 2004 Mathematics IIM (Pass Div I)

assumed knowledge: students who have not completed either PURE MTH 2000 Discrete Mathematics II or PURE MTH 2002 Algebra II should see the Level III Pure Mathematics coordinator

The first part of the course is an introduction to contemporary cryptology, including both symmetric and public key systems. Examples of cryptosystems studied include the RSA algorithm. The second part of the course concentrates on linear codes, with topics including syndrome decoding, perfect codes and cyclic codes. The Hamming and Golay codes and others, are discussed. Other topics covered may include authentication, identification and digital signatures.

assessment: 2 hour exam, small percentage for class exercises and/or tutorials

MUSIC

ENSEMBLE 6009A

Ensemble/Orchestral Performance IV Part 1

ENSEMBLE 6009B

Ensemble/Orchestral Performance IV Part 2

8 units full year

1 hour a week concurrent with preparation for all diploma Performance courses

prerequisite: credit or above in the appropriate Level III Performance course or audition or both

A program of study of chamber works or orchestral excerpts appropriate to the instrument studied.

assessment: recital/examination of chamber music or orchestral excerpts of 35 minutes duration

ETHNO 7000

Ethnomusicology Seminar V (C)

4 units semester 1 or 2

contact as required by seminar series

This course examines advanced theory and literature of ethnomusicology. It investigates current issues with special reference to the Australian context.

assessment: oral, written presentation of 5000 word paper

ETHNO 7004

Ethnomusicology Seminar V (A)

4 units semester 1 or 2

contact as required by seminar series

This course examines advanced theory and literature of ethnomusicology. It investigates current issues with special reference to the Australian context.

assessment: oral, written presentation of 5000 word paper

ETHNO 7017

Ethnomusicology Seminar V (B)

4 units semester 1 or 2

contact as required by seminar series

This course examines advanced theory and literature of ethnomusicology. It investigates current issues with special reference to the Australian context.

assessment: oral, written presentation of 5000 word paper

MUSICED 7077

Music Education Seminar V (B)

4 units semester 1 or 2

contact as required by seminar series

The course examines theoretical constructs, practical applications and literature in music education. It investigates current issues and practices with special reference to Australian contexts.

assessment: oral presentation of 5000 word paper

MUSICED 7081

Music Education Seminar V (A)

4 units semester 1 or 2

contact as required by seminar series

The course examines theoretical constructs, practical applications and literature in music education. It investigates current issues and practices with special reference to Australian contexts.

assessment: oral presentation of 5000 word paper

MUSICED 7089

Music Education Seminar V (C)

4 units semester 1 or 2

contact as required by seminar series

The course examines theoretical constructs, practical applications and literature in music education. It investigates current issues and practices with special reference to Australian contexts.

assessment: oral presentation of 5000 word paper

MUSICOL 7070

Musicology Seminar V (B)

4 units semester 1 or 2

contact as required by seminar series

The course examines theoretical issues, the literature of music and repertoire studies in Musicology. Aspects of music history and systematic contexts will be explored as required.

assessment: oral and written presentation of 5000 word paper

MUSICOL 7074

Musicology Seminar V(C)

4 units semester 1 or 2

contact as required by seminar series

The course examines theoretical issues, the literature of music and repertoire studies in Musicology. Aspects of music history and systematic contexts will be explored as required.

assessment: oral and written presentation of 5000 word paper

MUSICOL 7086

Musicology Seminar V(A)

4 units semester 1 or 2

contact as required by seminar series

The course examines theoretical issues, the literature of music and repertoire studies in Musicology. Aspects of music history and systematic contexts will be explored as required.

assessment: oral and written presentation of 5000 word paper

PERF 6008A

Major Recital IV (A) Part 1

PERF 6008B

Major Recital IV (A) Part 2

12 units full year

1 hour a week, concurrent with preparation for all diploma Performance courses

prerequisite: credit or above in the appropriate Level III performance course or audition or both

A representative program of advanced works in the repertoire of the instrument studied.

assessment: public recital of 65 minutes duration

PERF 6010A

Major Recital IV (C) Part 1

PERF 6010B

Major Recital IV (C) Part 2

12 units full year

1 hour a week, concurrent with preparation for all diploma Performance course

prerequisite: credit or above in the appropriate Level III Performance course or audition or both.

A representative program of advanced works in the repertoire of the instrument studied which must also include a concerto or concerted work.

assessment: a public recital of 65 minutes duration

PERF 6012A

Short Recital IV Part 1

PERF 6012B

Short Recital IV Part 2

8 units full year

1 hour a week, concurrent with preparation for all diploma Performance course

prerequisite: credit or above in the Level III Performance course or audition or both

A representative program of advanced works in the repertoire of the instrument studied.

assessment: a public recital of 35 minutes duration

PERF 6014A

Concerto IV Part 1

PERF 6014B

Concerto IV Part 2

4 units full year

1 hour a week, concurrent with preparation for all diploma Performance courses

prerequisite: credit or above in the appropriate Level III Performance course (eg. 2281 Performance III(Voice)) or audition or both

A concerto or concerted work appropriate to the instrument studied.

assessment: performance of the concerto or concerted work

PERF 7003

Recital Studies II

8 units semester 1 or 2

1 hour a week individual tuition

restriction: 7222 Recital Studies IIA

prerequisite: 3509 Recital Studies I

Candidates are required to prepare advanced performance repertoire in preparation for the recitals presented at the end of the program.

assessment: teacher's report based on standard and achievement, progress and technical development, attitude, punctuality and attendance

PERF 7005

Recital Studies I

8 units semester 1 or 2

1 hour a week individual tuition

restriction: 8857 Recital Studies IA

Candidates are required to prepare advanced performance repertoire in preparation for the recitals presented at the end of the program.

assessment: teacher's report based on standard and achievement, progress and technical development, attitude, punctuality and attendance

PERF 7015

Masters Recital A

4 units semester 1 or 2

1 hour a week individual tuition concurrent with PERF 7016 Master Recital B

restriction: 4623 Masters Recital VA

A selection of works from those prepared in 3509 Recital Studies I are chosen for presentation at a public recital. Details of the recital program must be submitted to the School Registrar for approval not less than six months before the first recital.

assessment: public recital to be given not more than 3 months from the recital given for Masters Recital B. Duration approximately 75 minutes, except for Bassoon, Brass, Oboe and Voice recitals - approximately 65 minutes. A panel of 4 examiners including at least one external examiner, shall be appointed by the School.

Note: the candidate's supervisor shall not be an examiner

Program notes are to be submitted for each work performed and should demonstrate careful research and independent thought. Students must avoid plagiarism. Program notes are required to be submitted not less than one week before the recital. They should be presented in camera ready form. They will be assessed as very good, average, or inadequate and may influence the result.

PERF 7016

Masters Recital B

4 units semester 1 or 2

1 hour a week individual tuition concurrent with PERF 7015 Master Recital A

restriction: 9540 Masters Recital VB

A selection of works from those prepared in Recital Studies II are chosen for presentation at a public recital. Details of the recital performance must be submitted to the School Registrar for approval not less than 6 months before the first recital.

assessment: public recital to be given not more than 3 months from the recital given for Masters Recital A. Duration approximately 75 minutes, except for Bassoon, Brass, Oboe and Voice recitals - 65 minutes. A panel of 4 examiners including at least one external examiner shall be appointed by the School.

Program notes are to be submitted for each work performed and should demonstrate careful research and independent thought. Students must avoid plagiarism. Program notes are required to be submitted not less than one week before the recital. They should be presented in camera ready form. They will be assessed as very good, average, or inadequate and may influence the result.

Note: the candidate's supervisor shall not be an examiner

NURSING SCIENCE

CLIN NUR 5101HO

Apheresis Nursing I

6 units semester 1

flexible learning mode

eligibility: Grad. Cert. Nursing Science students only

This course will examine nursing and medical science underpinning therapeutic and donor apheresis. Topics will include principles of basic haematology, coagulation, the ABO/Rh system and immunology. Basic pathophysiology of diseases treated by therapeutic apheresis will be covered. Students will also examine the principles of therapeutic apheresis including plasma exchange, red-cell exchange and cyto-reduction. This course will be studied by the flexible learning mode.

assessment: 2000 word mid term assignment 35%, tutorial presentation (equiv. to 2000 words) 20%, 3500 word case study 45% - students must pass each component of course

CLIN NUR 5102HO

Apheresis Nursing II

6 units semester 2

flexible learning mode

eligibility: Grad. Cert. Nursing Science students only

This course will examine apheresis procedures with a focus on patient/donor centred issues. Topics will include types of machines and technical procedures; donor selection and management, patient care including care of paediatric patients, common complications, validation of procedures and processes, legal and professional issues.

assessment: 2000 word mid term assignment 35%, tutorial presentation (equiv. to 2000 words) 20%, 3500 word case study 45% - students must pass each component of course

CLIN NUR 5103HO

Hyperbaric Nursing II

6 units semester 2

flexible learning mode

eligibility: Grad. Cert. Nursing Science students only

This course will build on the topics considered in hyperbaric nursing I and will be studied by the flexible learning mode. Topics will include safety issues relating to hyperbaric nursing and advanced clinical issues such as unit management.

assessment: 2000 word mid term assignment 25%, tutorial presentation with full text narrative (equiv. to 2000 words) 25%, 3500 word essay 50%

CLIN NUR 5104HO

Microbiology and Epidemiology

6 units semester 2

flexible learning mode

eligibility: Grad. Cert. Nursing Science students only

This course will build on the student's knowledge of basic microbiology and will consider the epidemiology of common infectious diseases seen in the Australian population. The role of the infection control nurse will be considered in relation to the epidemiological research, education and disease surveillance.

assessment: 3000 word study portfolio 50%, 1500 word essay 30%, course workbook 20% - students must pass each course component

CLIN NUR 5105HO

Principles and Practices of Retrieval Nursing

6 units semester 1

13 x 3 hour lectures plus a minimum of 5 retrievals

eligibility: Grad. Cert. Nursing Science students only

This course will present the principles of retrieval and the physical and psycho-social needs of patients. Topics will include anatomy, physiology, psychosocial care, nursing care of retrieval patients and aeronautical medicine. International repatriation and retrieval of patients requiring hyperbaric treatment will also be considered. Students will be required to participate in supervised field experience in an Intensive care Unit for 150 hours and in addition participate as an active team member in a minimum of 5 retrievals.

assessment: 3000 word essay 40%, viva voce/practical (30 min.) 35%, case presentation and briefing paper (equiv. to 2000 words) 25%, clinical skills Pass/fail - students must pass each component

CLIN NUR 5106HO

Trauma Nursing

6 units semester 2

13 x 3 hour lectures plus 150 hours of supervised field experience.

eligibility: Grad. Cert. Nursing Science students only

This course will examine nursing and medical science in relation to trauma, the principles of trauma nursing and the physical and psycho-social needs of those who experience trauma. Topics will include anatomy, physiology, psychosocial care, nursing care of trauma patients, principles of early management of severe trauma (EMST) and the teaching/learning process in patient education. Students will be required to participate in supervised field experience in a trauma centre for 150 hours.

assessment: 3000 word essay 40%, viva voce/prac. (30 min.) 35%, case presentation and briefing paper (equiv. to approx 2000 words) 25%, clinical skills Pass/fail - students must pass each component

CLIN NUR 5107HO

Trauma Management I

6 units semester 1

3 x 5 day study blocks for lectures, workshops and practicing clinical skills.

eligibility: Grad. Cert. Nursing Science students only

This course will largely consist of integrated learning opportunities within the area of trauma management, supported by workshops. The focus will be on the mechanisms of trauma and basic emergency management of severe trauma. Basic skill acquisition will occur based on theoretical frameworks of care so that skills are not acquired within a vacuum which does not include the patient and family in context.

assessment: 3000 word essay 40%, viva voce/30 min. practical 35%, case presentation and briefing paper (equiv. to approx 2000 words) 25%, Clinical skills Pass/fail - students must pass each component

CLIN NUR 5108HO

Trauma Management II

6 units semester 2

3 x 5 day study blocks for lectures, workshops and practicing clinical skills.

eligibility: Grad. Cert. Nursing Science students only

This course will largely consist of integrated learning opportunities supported by workshops. The focus will be on the advanced emergency management of severe trauma and transport of the trauma victim. Advanced skill acquisition will occur based on theoretical frameworks of care so that skills are not acquired within a vacuum which does not include the patient and family in context.

assessment: 3000 word essay 40%, viva voce/practical (30 min.) 35%, case presentation and briefing paper (equiv. to approx 2000 words) 25%, clinical skills Pass/Fail - students must pass each component

CLIN NUR 5109HO

An introduction to Evidence Based Health Care

6 units semester I or 2

flexible learning mode

This course will introduce the concept of evidence based practice. Topics will include the history of Evidence Based Health Care and constructing a question (topic identification). Students will develop skills in searching for evidence and determining the quality of evidence using critical appraisal of literature.

assessment: 1500 word formulation of clinical question, 2500 word development of a search strategy, 3500 word conduct & description of search

CLIN NUR 5110HO

Change Management and Evaluation

6 units semester I or 2

flexible learning mode

This course will consider the issues and strategies used to implement Evidence Based Practice. Change management theories and their applicability to nursing will be examined. Evaluation of practice change and clinical audit will also be considered.

assessment: 2500 word development of evidence-based plan, 5000 word case study report

CLIN NUR 6101HO

Developing Advanced Practice in Health Systems I

4 unit semester 1 and 2

2 hours per week/flexible learning mode

eligibility: Grad. Dip. Nursing Science students only

This course will consider the supports and constraints within which nurses practice. Topics will include advanced nursing practice, ethics of care; legalities of health care; professional standards and competencies; current issues in health economics and management; skill mix; specialisation and multi skilling; and multidisciplinary perspectives on health care.

assessment: 3000 word essay 60%, 2 class presentations (or briefing papers for flexible mode students) 40%

CLIN NUR 6102HO

Developing Advanced Practice in Health Systems II

4 units semester 1 and 2

2 hours per week/flexible learning mode

eligibility: Grad. Dip. Nursing Science students only

This course will build on the student's previous learning in Developing Advanced Nursing Practice in Health Systems I and current clinical experience. It will focus on the phenomena which nurses encounter in practice and which form the basis of nursing inquiry. It will focus on clinical effectiveness, clinical practice development, clinical audit and health informatics, reflective processes, the research process, and theory building.

assessment: clinical audit 60%, 2000 word essay on health informatics 40%

CLIN NUR 6103HO

Focused Reading in Clinical Nursing

4 units semester 1 and 2

2 hour lecture/flexible learning mode

individual supervision by appointed supervisor

eligibility: Grad. Dip. Nursing Science students only

This course will examine contemporary clinical nursing practice through a systematic review of the literature. Students will be required to follow a protocol to ensure scientific rigour and minimise potential bias.

assessment: 2000-3000 word literature review 50%, presentation and justification of a revised practice standard 50%

CLIN NUR 6104HO

Nursing & Medical Science in Anaesth & Recovery I

4 units semester 1

3 hours per week for 13 weeks

eligibility: Grad. Dip. Nursing Science students only

This course will build on the clinical and core courses in the specialty of Anaesthetic and Recovery Nursing. The focus will be on physiology, biochemistry, therapeutics and nursing science.

assessment: 2500 word evidence based practice essay or equiv. 50%, 2 hour exam 50% - students must pass each component

CLIN NUR 6105HO

Nursing & Medical Science in Anaesth & Recovery II

4 units semester 2

3 hours per week for 13 weeks

eligibility: Grad. Dip. Nursing Science students only

This course will build on Nursing and Medical Science in Anaesthetic Nursing I and the other specialty Anaesthetic and Recovery Nursing courses. The focus will be on physiology, biochemistry, therapeutics and nursing science.

assessment: 2500 word equiv. class presentation & briefing paper 50%, 2 hour exam 50% - students must pass each component

CLIN NUR 6108HO

Cardiac Nursing I

4 units semester 1 or 2

2 hours per week as required for workshops, 300 hours clinical practice

eligibility: Grad. Dip. Nursing Science students only

This course will largely consist of field based learning within the area of cardiac nursing, supported by workshops. Advanced clinical skill acquisition will occur based on theoretical frameworks of care so that skills are not acquired within a vacuum which does not include the patient and family in context.

assessment: 2500 word case study 50%, viva voce exam (30 min.) 50%, competency assessment Pass/fail - students must pass each component of the course

CLIN NUR 6109HO

Cardiac Nursing II

4 units semester 1 or 2

2 hours per week as required for workshops, 300 hours clinical practice

eligibility: Grad. Dip. Nursing Science students only

This course will build on student's previous learning in Cardiac Nursing I. It will focus on advanced clinical skill acquisition, based on theoretical frameworks of care through field based learning within the area of cardiac nursing.

assessment: 2 clinical assessment sheets (1250 words each) 50%, viva voce exam (30 min.) 50%, competency assessment Pass/fail - students must pass each component of course

CLIN NUR 6110HO

Nursing & Medical Science in Cardiac Nursing I

4 units semester 1 or 2

3 hours per week for 13 weeks

eligibility: Grad. Dip. Nursing Science students only

This course will build on the clinical and core courses in the specialty of cardiac nursing. The focus will be on physiology, biochemistry, therapeutics and nursing science.

assessment: tutorial presentations, briefing paper equiv. to 2500 words 50%, 2 hour exam 50% - students must pass each component

CLIN NUR 6111HO

Nursing & Medical Science in Cardiac Nursing II

4 units semester 1 or 2

3 hours per week for 13 weeks

eligibility: Grad. Dip. Nursing Science students only

This course will build on Nursing and Medical Science in Cardiac Nursing I and the other specialty cardiac courses. The focus will be on physiology, biochemistry, therapeutics and nursing science.

assessment: 2500 word essay 50%, 2 hour exam 50% - students must pass each component

CLIN NUR 6113HO

Cardiac Monitoring

4 units semester 1 or 2

2 hours per week for 11 weeks

eligibility: Grad. Dip. Nursing Science students only

This course will examine nursing and medical science in relation to cardiac monitoring. Topics will include basic electrocardiography; identification of arrhythmias; nursing management of myocardial ischaemia, injury and infarction; and patient education processes.

assessment: 2500 word case study 50%, viva voce (30 min.) 50% - students must pass each component

CLIN NUR 6114HO

Diabetes Education

4 units semester 1 or 2

32 hours

eligibility: Grad. Dip. Nursing Science students only

This course will examine nursing and medical science in relation to diabetes. Topics will include the pathophysiology of diabetes, the management of diabetes, pharmacology, human nutrition and the teaching/learning process in patient education.

assessment: 2000 word class paper 40%, 3000 word essay 60% - students must pass each component

CLIN NUR 6115HO

Working with Loss and Grief

4 units semester 1 or 2

40 hours delivered as five study days

eligibility: Grad. Dip. Nursing Science students only

This course will examine the experience of loss and grief. Topics will include the psychology of loss and grief; coping with death; and the role of the nurse in caring for the dying and their significant others. Small group tutorials and experiential learning will be utilised to assist students to develop individual strategies to effectively help those who are grieving.

assessment: 2000 word essay 40%, 3000 word essay 60% - students must pass each component

CLIN NUR 6116HO

Hyperbaric Nursing I

6 units semester 1 or 2

eligibility: Grad.Cert../Grad.Dip. Nursing Science students only

This course will examine nursing and medical science in relation to the indications for hyperbaric treatment, the principles of hyperbaric nursing and the physical and psycho-social needs of those undergoing hyperbaric treatment. Topics will include anatomy, physiology, psychosocial care, hyperbaric management and the teaching/learning process in patient education. Students will be required to participate in field experience.

assessment: skills check list pass/fail workbook 35%, viva voce 35%, 1 hour exam 35% - students must pass each component

CLIN NUR 6117HO

Infection Control Nursing

6 units semester 1 or 2

2 hours per week; field visits

eligibility: Grad. Dip. Nursing Science students only

This course will examine nursing and medical science in relation to the control of infection. Topics will include microbiology, the management of infection, the teaching/learning process in staff education and contemporary issues in infection control.

assessment: 1500 word mid term essay 20%, 2000 word clinical scenario 30%, 3250 word infection control project 50% - students must pass each component

CLIN NUR 6119HO

Mental Health Care in Acute Settings

4 units semester 1 or 2

40 hours delivered as five study days

eligibility: Grad. Dip. Nursing Science students only

This course addresses mental health care issues arising in the acute (physical) care setting. Topics include the Mental Health Act and its implications for nurses, characteristics of the most common types of mental illness and consumer expectations. Students will be provided with an experiential introduction to techniques such as counselling, visualisation and conflict minimisation.

assessment: 2000 word essay 40%, 3000 word essay 60% - students must pass each component

CLIN NUR 6122HO

Wound Management

6 units semester 1 or 2

40 hours delivered as five study days

eligibility: Grad. Dip. Nursing Science students only

This course will examine nursing and medical science in relation to the management of wounds. Topics will include anatomy and physiology of the integument, wound classification, wound management, microbiology, the management of infection and the teaching/learning process in staff and patient education.

assessment: 1500 word mid term assignment 20%, tutorial presentation (equiv. to 1500 words) 20%, 3000 word essay 40%, 1 hour exam 20% - students must pass each component

CLIN NUR 6123HO

Advances in Community Psychiatric Care

4 units semester 1

2 hours per week

eligibility: Grad. Dip. Nursing Science students only

This course will examine fundamental theories to introduce the basic principles of those areas of the physical and social sciences which inform specialist community psychiatric practice. Topics will include an introduction to advanced nursing science; advanced psychology and advanced therapeutics.

assessment: 3000 word mid - term assignment 60%, 1.5 hour exam 40% - students must pass each component

CLIN NUR 6124HO

Community Psychiatric Nursing I

4 units semester 1

2 hours per week; 200 hours clinical practice

eligibility: Graduate Diploma in Nursing Science students only

This course will largely consist of field based learning within the area of community psychiatric care, supported by tutorials and seminars. Advanced clinical skill acquisition will occur based on theoretical frameworks of care which include the patient and family in context.

assessment: 2500 word case study 50%, 30 min. viva voce exam 50%, competency assessment Pass/fail - students must pass each component

CLIN NUR 6125HO

Community Psychiatric Nursing II

4 units semester 2

2 hours per week, 200 hours clinical practice

eligibility: Grad. Dip. Nursing Science students only

This course will build on student's previous learning in Community Psychiatric Nursing I. It will focus on further advanced clinical skill acquisition; case and caseload management; multi disciplinary teamwork; and the principles of domiciliary care, health promotion and caseload surveillance.

assessment: 2500 word case study 50%, 30 min. viva voce exam 50%, competency assessment pass/fail - students must pass each component

CLIN NUR 6126HO

Reflective Practice in Primary Health Care

4 units semester 1

3 hours per week

eligibility: Grad. Dip. Nursing Science students only

This course will examine the epidemiology of mental illness; the promotion of mental health; the principles of primary health care; and strategies for the promotion and maintenance of mental health in communities.

assessment: 1000 word mid - term assignment 30%, 4000 word assignment 70%

CLIN NUR 6127HO

Emergency Nursing I

4 units semester 1

2 hours per week as required for workshops; 300 hours clinical practice

eligibility: Grad. Dip. Nursing Science students only

This course will largely consist of field based learning within the area of Emergency Nursing, supported by workshops. Advanced clinical skill acquisition will occur based on theoretical frameworks of care. Skills will predominantly be concerned with assessment of the person presenting to an emergency department.

assessment: 2000 word case study 50%, viva voce 30 min. exam 50%, competency assessment. pass/fail - students must pass each component

CLIN NUR 6128HO

Emergency Nursing II

4 units semester 2

2 hours per week as required for workshops, 300 hours clinical practice

eligibility: Grad. Dip. Nursing Science students only

This course will build on student's previous learning in Emergency Nursing I. It will focus on advanced clinical skill acquisition, based on theoretical frameworks of care through field based learning within the area of Emergency Nursing.

assessment: poster 500 word equivalent, 500 word briefing paper 50%, 30 min. viva voce exam 50%, competency assessment pass/fail - students must pass each component

CLIN NUR 6129HO

Nursing and Medical Science in Emergency Nursing I

4 units semester 1

3 hours per week for 13 weeks

eligibility: Grad. Dip. Nursing Science students only

This course will build on the clinical and core courses in the specialty of Emergency Nursing. The focus will be on physiology, biochemistry, therapeutics and nursing science.

assessment: 2000 word essay 25%, mid-term exam 25%, 2 hour exam 50% - students must pass each component

CLIN NUR 6130HO

Nursing & Medical Science in Emergency Nursing II

4 units semester 2

3 hours per week

eligibility: Grad. Dip. Nursing Science students only

This course will build on Nursing and Medical Science in Emergency Nursing I and the other specialty emergency courses. The focus will be on physiology, biochemistry, therapeutics and nursing science.

assessment: 2,500 word (or equiv) report critique 50%, 2 hour exam 50% - students must pass each component

CLIN NUR 6131HO

Emergency Care in General Practice

2 units semester 2

2 hours per week as required for workshops/flexible learning mode plus 300 hours clinical practice

eligibility: Grad. Dip. Nursing Science students only

This course will largely consist of field based learning within the area of emergency care. It will focus on advanced clinical skill

acquisition, based on theoretical frameworks of care through field based learning.

assessment: viva voce exam, competency assessment pass/fail - students must pass each component

CLIN NUR 6132HO

General Practice Nursing I

4 units semester 1

2 hours per week as required for workshops/Flexible learning mode, 300 hours clinical practice

eligibility: Grad. Dip. Nursing Science students only

This course will largely consist of field based learning within the area of General Practice nursing, supported by workshops. Advanced clinical skill acquisition will occur based on theoretical frameworks of care.

assessment: 2000 word case study 50%, competency assessment 50%

CLIN NUR 6133HO

Health Assessment

3 units semester 1

2 hours per week/Flexible learning mode

eligibility: Grad. Dip. Nursing Science students only

Taking a holistic approach, this course will present methods of taking a health history, physical examination skills and health promotion techniques. These skills will assist general practice nurses to function in a multidisciplinary setting and in isolated practice.

assessment: 2000 word description of health assessment 50%, demonstration of a health assessment 50%

CLIN NUR 6134HO

Nursing and Medical Science in Primary Health Care

4 units semester 1

3 hours per week/Flexible learning mode

eligibility: Grad. Dip. Nursing Science students only

This course focuses on epidemiology, health education and promotion, the sociology of health and illness and models of primary health care.

assessment: 1000 word mid term assignment 25%, mid-term test paper 25%, 3000 word essay 50%

CLIN NUR 6135HO

Pathology & Pharmacology in General Practice

3 units semester 2

3 hours per week/Flexible learning mode

eligibility: Grad. Dip. Nursing Science students only

This course advances students' understanding of pathology and pharmacology, as they relate to specific diseases. Students will

be required to apply this knowledge to the clinical problems encountered in their daily nursing practice.

assessment: 2000 word essay 50%, 1.5 hour open book exam 50% - students must pass each component

CLIN NUR 6136HO

Contemporary Issues in Aged Care

4 units semester 1 or 2

2 hours per week or equivalent/Flexible learning mode

eligibility: Grad. Dip. Nursing Science students only

This course will examine contemporary issues and debates specifically related to service delivery in the aged care sector. The impact of Government policies and funding arrangements on the delivery of professional services to elderly people will be studied in detail. Courses will be directly related to the management and administration of a nursing service for elderly people in Australia.

assessment: 2000 word essay activity portfolio 40%, 3000 word essay 60%

CLIN NUR 6137HO
Functional Assessment

4 units semester 1 or 2

39 hours of tutorials/Flexible learning mode

eligibility: Grad. Dip. Nursing Science students only

This course will focus on the skills of assessment and the planning of care and services. Topics will include physical assessment; assessment of activities of living; psycho-social assessment; problem identification and management; and enablement processes.

assessment: 2000 word activity portfolio 40%, 3500 word essay 60%

CLIN NUR 6138HO
Gerontological Nursing

4 units semester 1 or 2

eligibility: Grad. Dip. Nursing Science students only

2 hours per week or equiv., 200 hours of clinical practice/flexible learning mode

This course examines the ageing process and uses the knowledge gained from understanding the ageing process to advance clinical skill acquisition based on theoretical frameworks of care through field based learning within the area of Gerontological Nursing

assessment: 2000 word activity portfolio 40%, 3500 word essay 60%

CLIN NUR 6139HO
Palliative Nursing in Aged Care

4 units semester 1 or 2

2 hours per week as required for workshops or equivalent/flexible learning mode

eligibility: Grad. Dip. Nursing Science students only

This course focuses on the special needs of the elderly at the end of life and will examine the role of the nurse in aged care providing palliative services. The course combines contemporary knowledge with field based learning within the area of Palliative Care Nursing in Aged Care. Topics covered include pain assessment and management, symptom control, support processes, spiritual issues, complementary therapies, loss, grief and bereavement and ethical issues.

assessment: 2000 word activity portfolio 40%, 3500 word essay 60%

CLIN NUR 6140HO
High Dependency Nursing I

4 units semester 1 or 2

2 hours per week; 300 hours clinical practice

eligibility: Grad. Dip. Nursing Science students only

This course will largely consist of field based learning within the area of High Dependency Nursing practice. Advanced clinical skill acquisition will occur based on theoretical frameworks of care and includes the patient and family in context.

assessment: 2500 word case essay 50%, 30 min. viva voce exam 50%, competency assessment pass/fail - students must pass each component of the assessment.

CLIN NUR 6141HO
High Dependency Nursing II

4 units semester 1 or 2

2 hours per week, 300 hours clinical practice/flexible learning mode

eligibility: Grad. Dip. Nursing Science students only

This course will build on student's previous learning in High Dependency Nursing I. It will focus on further advanced clinical skill acquisition, based on theoretical frameworks of care through field based learning within the area of high dependency nursing.

assessment: 2500 word essay 50%, 30 min. clinical problem solving via electronic discussion board or viva voce exam 50%, competency assessment pass/fail - students must pass each component

CLIN NUR 6142HO
Nursing & Medical Science in High Dependency I

4 units semester 1 or 2

3 hours per week - flexible learning mode

eligibility: Grad. Dip. Nursing Science students only

This course will build on the clinical courses and core units and will focus on nursing and medical science specific to specialist High Dependency Nursing practice. The focus will be on physiology, biochemistry, therapeutics and nursing science.

assessment: 2500 word essay 50%, 2 hour exam 50% - students must pass each component

CLIN NUR 6143HO

Nursing & Medical Science in High Dependency II

4 units semester 1 or 2

3 hours per week - flexible learning mode

eligibility: Grad. Dip. Nursing Science students only

This course will build on the clinical courses and core units and will focus on nursing and medical science specific to High Dependency Nursing practice. The focus will be on physiology, biochemistry, therapeutics and nursing science.

assessment: 2500 word essay 50%, 2 hour exam 50% - students must pass each component

CLIN NUR 6144HO

Intensive Care Nursing I

4 units semester 1

2 hours per week as required for workshops, 300 hours clinical practice

eligibility: Grad. Dip. Nursing Science students only

This course will largely consist of field based learning within the area of Intensive Care nursing, supported by workshops. Advanced clinical skill acquisition will occur based on theoretical frameworks of care so that skills are not acquired within a vacuum which does not include the patient and family in context.

assessment: 2500 word essay 50%, 30 min. viva voce exam 50%, competency assessment Pass/fail - students must pass each component

CLIN NUR 6145HO

Intensive Care Nursing II

4 units semester 2

2 hours per week as required for workshops; 300 hours clinical practice

eligibility: Grad. Dip. Nursing Science students only

This course will build on student's previous learning in Intensive Care Nursing I. It will focus on advanced clinical skill acquisition, based on theoretical frameworks of care through field based learning within the area of Intensive Care nursing.

assessment: 2500 word case study 50%, 30 min. viva voce exam 50%, competency assessment pass/fail - students must pass each component

CLIN NUR 6146HO

Nursing & Medical Science in Intensive Care I

4 units semester 1

3 hours per week for 13 weeks

eligibility: Grad. Dip. Nursing Science students only

This course will build on the clinical and core courses in the specialty of Intensive Care nursing. The focus will be on physiology, biochemistry, therapeutics and nursing science.

assessment: 1250 word work book completion (or equiv.) pass/fail, 1250 word tutorial presentations (or equiv.) 50%, 2 hour exam 50% - students must pass each component

CLIN NUR 6147HO

Nursing & Medical Science in Intensive Care II

4 units semester 2

3 hours per week

eligibility: Grad. Dip. Nursing Science students only

This course will build on Nursing and Medical Science in Intensive Care I and the other specialty Intensive Care courses. The focus will be on physiology, biochemistry, therapeutics and nursing science.

assessment: 1250 word work book completion (or equiv.) pass/fail, Student presentation, 1000 word synopsis 40%, 2 hour exam 60% - students must pass each component

CLIN NUR 6148HO

Medical Nursing I

4 units semester 1

2 hours per week

eligibility: Grad. Dip. Nursing Science students only

This course will largely consist of field based learning within the area of Medical nursing. Advanced clinical skills acquisition will occur based on theoretical frameworks of care within the area of medical nursing.

assessment: 2500 word case study 50%, 30 min. viva voce exam 50%, competency assessment pass/fail.- students must pass each component

CLIN NUR 6149HO

Medical Nursing II

4 units semester 2

2 hours per week

eligibility: Grad. Dip. Nursing Science students only

This course will build on the students' previous learning in Medical Nursing I. It will focus on further advanced clinical skills acquisition

based on theoretical frameworks of care through field based learning within the area of Medical nursing.

assessment: 2500 word case study 50%, 30 min. viva voce exam 50%, competency assessment pass/ fail- students must pass each component

CLIN NUR 6152HO

Nursing & Medical Science in Oncology Nursing I

4 units semester 1

3 hours per week for 12 weeks

eligibility: Grad. Dip. Nursing Science students only

This course will build on the clinical and core courses in the specialty of Oncology Nursing. The focus will be on physiology, biochemistry, therapeutics and nursing science.

assessment: 1000 word tutorial presentation, synopsis (or equiv.) 20%, 2 hour exam 50%, 1500 word essay 30% - students must pass each component

CLIN NUR 6153HO

Nursing & Medical Science in Oncology Nursing II

4 units semester 2

3 hours per week for 12 weeks

eligibility: Grad. Dip. Nursing Science students only

This course will build on Nursing and Medical Science in Oncology Nursing I and the other specialty courses. The focus will be on physiology, biochemistry, therapeutics and nursing science.

assessment: 1000 word tutorial presentation, synopsis (or equiv.) 20%, 2 hour exam 50%, 1500 word essay 30% - students must pass each component

CLIN NUR 6154HO

Oncology Nursing I

4 units semester 1

2 hours per week for 12 weeks, 300 hours clinical practice

eligibility: Grad. Dip. Nursing Science students only

This course will largely consist of field based learning within the area of Oncology Nursing, supported by workshops. Advanced clinical skill acquisition will occur based on theoretical frameworks of care so that skills are not acquired within a vacuum which does not include the patient and family in context.

assessment: 2500 word case study 50%, 30 min. viva voce exam 50%, competency assessment pass/fail - students must pass each component

CLIN NUR 6155HO

Oncology Nursing II

4 units semester 2

2 hours per week for 12 weeks

300 hours clinical practice

This course will build on student's previous learning in Oncology Nursing I. It will focus on advanced clinical skill acquisition, based on theoretical frameworks of care through field based learning within the area of Oncology Nursing.

assessment: 2500 word essay 50%, 30 min. viva voce exam 50%, competency assessment pass/fail - students must pass each component

CLIN NUR 6156HO

Nursing and Medical Science in Orthopaedics I

4 units semester 2

3 hours per week for 12 weeks

eligibility: Graduate Diploma in Nursing Science students only

This course will build on Nursing and Medical Science in Acute Nursing I and the other specialty courses. The focus will be on physiology, biochemistry, therapeutics and nursing science.

assessment: presentation and synopsis equiv to 2500 words 50%, 2 hour exam 50% - students must pass each component

CLIN NUR 6157HO

Orthopaedic Nursing I

4 units semester 1

2 hours per week for 12 weeks

eligibility: Grad. Dip. Nursing Science students only

This course will largely consist of field based learning within the area of Orthopaedic Nursing. Advanced clinical skills acquisition will occur based on theoretical frameworks of care within the area of Orthopaedic Nursing.

assessment: 2500 word case study 50%, 30 min viva voce exam 50%, competency assessment pass/fail - students must pass each component

CLIN NUR 6158HO

Orthopaedic Nursing II

4 units semester 2

2 hours per week for 12 weeks

eligibility: Grad. Dip. Nursing Science students only

This course will build on the students previous learning in Orthopaedic Nursing I. It will focus on further advanced clinical skills

acquisition based on theoretical frameworks of care through field based learning within the area of Orthopaedic Nursing.

assessment: 2500 word case study 50%, 30 min viva voce exam 50%, competency assessment pass/fail - students must pass each component

CLIN NUR 6159HO
Nursing and Medical Science in Perioperative Nursing I

4 units semester 1 or 2

3 hours per week for 13 weeks

eligibility: Grad. Dip. Nursing Science students only

This course will build on the clinical and core courses in the specialty of Perioperative Nursing. The focus will be on physiology, biochemistry, therapeutics and nursing science.

assessment: 2 500 word evidence based practice essay 50%, 2 hour exam 50% - students must pass each component

CLIN NUR 6160HO
Nursing and Medical Science in Perioperative Nursing II

4 units semester 1 or 2

3 hours per week for 13 weeks

eligibility: Grad. Dip. Nursing Science students only

This course will build on Nursing and Medical Science in Perioperative Nursing I and the other specialty Perioperative Nursing courses. The focus will be on physiology, biochemistry, therapeutics and nursing science.

assessment: class presentation and briefing paper 50%, 2 hour exam 50% - students must pass each component

CLIN NUR 6161HO
Perioperative Nursing I

4 units semester 1 or 2

2 hours per week as required for workshops, 300 hours clinical practice.

eligibility: Grad. Dip. Nursing Science students only

This course will largely consist of field based learning within the area of Perioperative Nursing, supported by workshops. Advanced clinical skill acquisition will occur based on theoretical frameworks of care so that skills are not acquired within a vacuum which does not include the patient and family in context.

assessment: 2500 word case study 50%, 30 min. viva voce exam 50%, competency assessment pass/fail - students must pass each component

CLIN NUR 6162HO
Perioperative Nursing II

4 units semester 1 or 2

2 hours per week as required for workshops, 300 hours clinical practice.

eligibility: Grad. Dip. Nursing Science students only

This course will build on student's previous learning in Perioperative Nursing I. It will focus on advanced clinical skill acquisition, based on theoretical frameworks of care through field based learning within the area of Perioperative Nursing.

assessment: 2500 word case study 50%, 30 min. viva voce exam 50%, competency assessment pass/fail - students must pass each component

CLIN NUR 6163HO
Contemporary Issues in Public Health Nursing

4 units semester 1 or 2

2 hours per week for 13 weeks

eligibility: Grad. Dip. Nursing Science students only

This course will examine the role of the nurse in health promotion and health surveillance in the following public health areas - women's health; men's health, maternal and child health; immunisation; substance abuse and mental health. It will focus also on advanced clinical skills acquisition with reference to theoretical frameworks of care through field based learning, supported by tutorials, within the area of public health nursing.

assessment: health promotion proposal and viva 50%, 3000 word essay 50%

CLIN NUR 6164HO
Nursing and Medical Science in Surgical Care II

4 units semester 1 or 2

3 hours per week for 13 weeks

eligibility: Grad. Dip. Nursing Science students only

This course will focus on nursing and medical science specific to surgical nursing practice. The focus will be on anatomy and physiology, pharmacokinetics, microbiology, biochemistry, therapeutics and nursing science.

assessment: 2500 word essay 50%, 2 hour exam 50% - students must pass each component

CLIN NUR 6165HO

Surgical Nursing I

4 units semester 1

2 hours per week

eligibility: Grad. Dip. Nursing Science students only

This course will largely consist of field based learning within the area of Surgical nursing. Advanced clinical skills acquisition will occur based on theoretical frameworks of care within the area of Surgical nursing.

assessment: 2500 word case study 50%, 30 min. viva voce exam 50%, competency assessment pass/fail - students must pass each component

CLIN NUR 6166HO

Surgical Nursing II

4 units semester 2

2 hours per week

eligibility: Grad. Dip. Nursing Science students only

This course will build on the student's previous learning in Surgical Nursing I. It will focus on further advanced clinical skills acquisition based on theoretical frameworks of care through field based learning within the area of surgical nursing.

assessment: 2500 word case study 50%, 30 min. viva voce exam 50%, competency assessment pass/fail - students must pass each component

CLIN NUR 6167HO

Contemporary Issues in District Nursing

4 units semester 1 or 2

Flexible learning mode

eligibility: Grad. Dip. Nursing Science students only

This course will focus on issues in District Nursing, Primary Health and New Public Health. The specific objectives are for students to understand primary health care philosophies underpinning practice; understand the socio-political environments in which care is delivered; and further develop 'transferable' management and communication skills.

assessment: 5000 word incremental portfolio

CLIN NUR 6168HO

Population Profiling in Chronic Illness

4 units semester 1 or 2

Flexible learning mode

eligibility: Grad. Dip. Nursing Science students only

This course will require students to apply the skills and knowledge gained form the previous courses in order to fufill the following objectives: to be able to profile populations and establish need; and to have the ability to create supportive environments and strengthen 'community' action in order for individuals/'families'/communities to respond and help determine their own health status.

assessment 2500 word need analysis report 50%, 2500 word project proposal 50%

CLIN NUR 6169HO

District Nursing I

4 units semester 1or 2

Flexible learning plus 300 hours clinical practice

eligibility: Graduate Diploma in Nursing Science students only

This course will predominantly consist of field based learning. Students will be expected to develop expertise based on current research evidence and reflective practice. Students will be expected to develop literature searching and critical evaluation skills. Students will be able to select two of the following topics; health promotion; continence management; wound management' and an elective.

assessment: 2500 word wound assessment form 50%, 2500 word self-evaluation and critical reflection regarding wound management practices 50%

CLIN NUR 6170HO

District Nursing II

4 units semester 1 or 2

Flexible learning plus 300 hours clinical practice

eligibility: Grad. Dip. Nursing Science students only

The specific objectives are for students to develop an aspect of care based on current research evidence: acquire literature searching critical evaluation skills using systematic procedures; and further develop 'transferable' management and communication skills. Students will be able to select two of the following topics: principles of management within the context of community/primary care; palliative care, diabetes; HIV/AIDS; disabilities; and aged care

assessment: 2500 word literature review 50%, 2500 word case study 50%

CLIN NUR 6175HO

Nursing and Medical Science in Orthopaedics II

4 units semester 1 or 2

3 hours per week for 12 weeks

eligibility: Grad. Dip. Nursing Science students only

This course will focus on nursing and medical science specific to orthopaedic nursing practice. The focus will be on anatomy and

physiology, pharmacokinetics, microbiology, biochemistry, therapeutics and nursing science.

assessment: 2500 word essay 50%, 2 hour exam 50% - students must pass each component

CLIN NUR 6176HO

Nursing and Medical Science in Medical Nursing I

4 units semester 1 or 2

3 hours per week for 13 weeks

eligibility: Grad. Dip. Nursing Science students only

This course will focus on nursing and medical science specific to medical nursing practice. The focus will be on anatomy and physiology, pharmacokinetics, microbiology, biochemistry, therapeutics and nursing science.

assessment: 2500 word essay 50%, 2 hour exam 50% - students must pass each component

CLIN NUR 6177HO

Nursing and Medical Science in Medical Nursing II

4 units semester 1 or 2

3 hours per week for 13 weeks

eligibility: Grad. Dip. Nursing Science students only

This course will focus on nursing and medical science specific to medical nursing practice. The focus will be on anatomy and physiology, pharmacokinetics, microbiology, biochemistry, therapeutics and nursing science.

assessment: 2500 word essay 50%, 2 hour exam 50% - students must pass each component

CLIN NUR 6178HO

Anaesthetic and Recovery Nursing I

4 units semester 1

2 hours per week as required for workshops, 300 hours clinical practice

eligibility: Grad. Dip. Nursing Science students only

This course will largely consist of field based learning within an anaesthetic room environment, supported by workshops. Advanced clinical skill acquisition will occur based on theoretical frameworks of care so that skills are not acquired within a vacuum which does not include the patient and family in context.

assessment: 2500 word case study 50%, viva voce exam (30 min.) 50%, competency log book/assessment pass/fail - students must pass each component

CLIN NUR 6179HO

Anaesthetic and Recovery Nursing II

4 units semester 2

2 hours per week as required for workshops, 300 hours clinical practice

eligibility: Grad. Dip. Nursing Science students only

This course will build on student's previous learning in Anaesthetic Nursing I. It will focus on advanced clinical skill acquisition, based on theoretical frameworks of care through field based learning within the area of anaesthetic room nursing.

assessment: 2500 word case study presentation 50%, viva voce exam (30 min.) 50%, competency log book/assessment pass/fail - students must pass each component

CLIN NUR 6180HO

Nursing and Medical Science in Surgical Care I

4 units semester 1 or 2

3 hours per week for 13 weeks

eligibility: Grad. Dip. Nursing Science students only

This course will focus on nursing and medical science specific to surgical nursing practice. The focus will be on anatomy and physiology, pharmacokinetics, microbiology, biochemistry, therapeutics and nursing science.

assessment: 2500 word essay 50%, 2 hour exam 50% - students must pass each component

CLIN NUR 6181HO

Nursing & Medical Science in Burns Nursing 1

4 units semester I or 2

flexible learning mode

This course will examine nursing and medical science in relation to burn management and the principles of burn nursing.

Topics will include Anatomy & physiology, wound management, pathophysiology, pain management and surgical interventions.

assessment: 2500 word case study 50%, 2 hour exam 50% - students must pass each course component

CLIN NUR 6182HO

Nursing and Medical Science in Burns Nursing II

4 units semester I or 2

flexible learning mode

Course will focus on the rehabilitation of the Burn patient and their family. The role and the future professional development of the burns nurse will also be addressed. Topics will include Physical Therapy,

Psychosocial care, discharge planning, disaster management, burn prevention and education. Students will be required to participate in field experience.

assessment: 2500 word case study 50%, 2 hour exam 50% - students must pass each course component .

CLIN NUR 6183HO

Burns Nursing 1

4 units semester I or 2

flexible learning mode

This course will largely consist of field based nursing within the area of clinical practice, supported by online discussions. Students will explore the specialist skills required for management of the patient with a burn injury.

assessment: 2500 word paper 50%, online participation 25%, portfolio 25%, competency assessment Pass/fail - students must pass each course component

CLIN NUR 6184HO

Burns Nursing II

4 units semester I or 2

flexible learning mode

This course will largely consist of field based nursing within the area of clinical practice, supported by online discussions. Students will explore the skills required for meeting the holistic needs for the management of the patient with a burn injury. The focus will be on case management, therapies, and the transition of patients with a burn injury back into the community.

assessment: 2500 word paper 50%, online participation 25%, portfolio 25%, competency assessment Pass/fail - students must pass each course component

CLIN NUR 6185HO

Rural Nursing 1

4 units semester I or 2

flexible learning mode

This course combines rural and Primary Health Care (PHC) and is oriented toward an integrated community and consumer approach and examines the processes and factors that shape nursing practice and PHC in rural areas and the demands and challenges thereof. The overall aim is to provide the student with information on trends and practices of rural nursing underpinned by a PHC focus.

assessment: work portfolio 25%, 2500 word essay 50%, 1-hour written exam 5% - students must pass each course component

CLIN NUR 6186HO

Rural Nursing II

4 units semester I or 2

flexible learning mode

The overall aim of this course is to provide the student with recent and comprehensive information on health assessment and management of emergency patients in a rural setting. This course combines health assessment and management of emergency patient giving the learner compressive skills to assess and manage clients. The course is presented into two sections and each section has six units. The course has a practical focus and encourages students to draw upon previous experiences while allowing the student to perform new advanced nursing skills in health assessment and management of emergency patients. For this purpose, a competence workbook has to be completed.

assessment: 1250 word essay, 25%, 15 min.viva exam 25%, 2-hour written exam 50% - students must complete a competency work book and pass each component

CLIN NUR 6187HO

Rural Nursing III

4 units semester I or 2

flexible learning mode

This course examines chronic medical and mental conditions in rural and general populations and the impact this has on nursing practice. The course uses principles of medical nursing and health promotion in the management of chronic conditions. Topics will include management of selected medical chronic conditions, mental health assessment and management of mental health emergencies, legal aspects and transportation of mental health clients.

assessment: 2500 word case study 50%, 2-hour written exam 50% - students must complete a competency work book and pass each component

CLIN NUR 7001HO

Empirical/Analytical Research in Nursing

3 units semester 1 or 2

flexible mode or 2 hours per week for 13 weeks

eligibility: Master of Nursing Science students only

This course will build on student's previous learning on the empirico/analytical paradigm and focus on research design from this perspective. Topics will include experimental and quasi-experimental design; surveys; developing hypotheses; sampling; approaches to data collection; reliability and validity. Students will also be introduced to published nursing research reports which utilise this perspective and will be required to subject these to rigorous critique.

assessment: statistics workbook 40%, research proposal 60%

CLIN NUR 7002HO

Interpretive and Critical Research in Nursing

3 units semester 1 or 2

flexible mode or 2 hours per week for 13 weeks

eligibility: Master of Nursing Science students only

This course will build on student's previous learning on the interpretive and critical paradigms and focus on research design from this perspective. Topics will include the critique of positivism and an introduction to interpretive methodologies, such as grounded theory, ethnography and phenomenology. There will be a brief overview of critical methodologies (feminist research and action research). Practical research activities such as literature searching, conducting interviews and coding qualitative data will also be provided.

assessment: 2000 word essay 40%, ,research proposal 60%

CLIN NUR 7003HO

International Issues in Nursing Service Delivery

3 units semester 1 or 2

flexible mode or 2 hours per week for 13 weeks

eligibility: Master of Nursing Science students only

This course is designed to introduce students to a variety of topical issues related to the health care system and nurses' roles within it, both on a national and international level. Topics will include health and the environment, the epidemiology of disease, epidemiological tools, poverty, global conflict, the economics of health care, political awareness, leadership and spheres of nursing.

assessment: on campus - presentation and 1000 word briefing paper 40%, 3000 word assignment 60%; off campus - 2000 word essay 40%, 3000 word assignment 60%

CLIN NUR 7004HO

The Emergence of a Theoretical Base for Nursing

3 units semester 1 or 2

flexible mode or 2 hours per week for 12 weeks

eligibility: Master of Nursing Science students only

This course will build on student's previous learning on nursing theory and will critique current discourses in nursing on theory development. Students will critically analyse nursing and locate and discuss the origins of dominant theories in nursing. They will apply and subsequently transform theory from other disciplines which inform nursing, develop theoretical understanding of nursing and advance the discipline of nursing through theoretical nursing in practice.

assessment: 2000 word portfolio 50%, 3000 word essay 50%

CLIN NUR 7005HO

Research Dissertation A

12 units semester 1 or 2

3 hour dissertation workshop, individual supervision

eligibility: Graduate Diploma in Nursing Science students only

This component of the course requires the student to identify a research question or problem; to carry out a small research study based on this question; and to submit a fully developed report.

CLIN NUR 7006HO

Research Dissertation A Stage I

6 units semester 1 or 2

flexible mode and individual supervision

eligibility: Master of Nursing Science students only

This component of the program requires the student to identify a research question or problem; to develop a research proposal and commence data collection.

assessment: students receive a satisfactory or unsatisfactory grade

CLIN NUR 7007HO

Research Dissertation A Stage II

6 units semester 1 or 2

flexible mode and individual supervision

eligibility: Master of Nursing Science students only

This component of the program requires the student to identify a research question or problem; to carry out a small research study based on this question; and to submit a fully developed report.

assessment: 20,000 - 25,000 word dissertation

CLIN NUR 7008AHO

Research Dissertation B Part 1

6 units semester 1 or 2

flexible mode and individual supervision

eligibility: Master of Nursing Science students only

This component of the program requires the student to identify a research question or problem; and develop a research proposal and commence data collection.

assessment: students receive a satisfactory/unsatisfactory grade

CLIN NUR 7008BHO

Research Dissertation B Part 2

12 units semester 1 or 2

flexible mode and individual supervision

eligibility: Master of Nursing Science students only

This component of the program requires the student to identify a research question or problem; to carry out a substantial research study based on this question; and to submit a fully developed report.

assessment: 30,000 - 35,000 word dissertation

CLIN NUR 7009HO

Research Dissertation B (P/T) Progressing

6 units semester 1 or 2

flexible mode and individual supervision

eligibility: Master of Nursing Science students only

This component of the program requires the student to continue to work on their research.

assessment: students receive a satisfactory or unsatisfactory grade

CLIN NUR 7010HO

Research Dissertation B (P/T) Final

6 units semester 1 or 2

flexible mode and individual supervision

eligibility: Master of Nursing Science students only

This component of the program requires the student to identify a research question or problem; to carry out a substantial research study based on this question; and to submit a fully developed report.

assessment: 30,000 - 35,000 word dissertation

CLIN NUR 7011HO

Clinical Management

3 units semester 1 or 2

eligibility: Master of Nursing Science students only

This course will explore contemporary issues in relation to health management in clinical nursing practice. Topics will include: health service organisation, strategic planning, financial planning, human resource management and clinical leadership.

assessment: activities/discussion portfolio 40%; development of a budget/strategic plan 60%

CLIN NUR 8001HO

Contemporary Issues in Service Delivery

8 units semester 1

4 hours per week

eligibility: Doctor of Nursing students only

This unit sets out to establish a critical perspective on change in health care delivery. Students will be given opportunities to develop collaborative strategies for designing, implementing and evaluating change alongside appropriate experts in the field.

assessment: 2000 word assignment 30%, 1500 word class paper 20%, 3000 word essay 50%

CLIN NUR 8002HO

Predicting, Critiquing and Visioning in Nursing

8 units semester 1

4 hours per week

eligibility: Doctor of Nursing students only

This unit focuses on encouraging students to articulate goals and visions that reflect a considered and theoretically informed nursing approach to health care delivery. It is designed to enable a synthesis of work from previous units as a point of departure for shaping future high quality practice. Students will explore alternative frameworks for defining and delivering health care.

assessment: 5000 word assignment 50%, exam 50%

CLIN NUR 8003HO

Situating Scholarly Inquiry in Nursing

8 units semester 1

4 hours per week

eligibility: Doctor of Nursing students only

This unit focuses on the development of skills in collaborative inquiry. It situates inquiry in the discipline of nursing in terms of its theoretical roots and encourages students to develop their own understandings of nursing as a practice.

This is designed to be the foundational unit of the course and sets out to prepare nursing leaders who are grounded in an understanding of their own discipline. As a practice discipline, it is imperative that a scholarly dialogue be established between practice and theoretical discourses in nursing. Students will embark on such dialogue in order to develop their own understandings of the ontology and epistemology of nursing as a scholarly practice.

assessment: 3000 word assignment 40%, 5000 word assignment 60%

CLIN NUR 8004HO

Field Based Inquiry in Nursing I

6 units semester 2

3 hours per week for 3 weeks, negotiated access to a nominated supervisor

eligibility: Doctor of Nursing Science students only

This unit is intended to enable candidates to integrate theory and practice in nursing and to develop the skills of scholarly inquiry that are necessary for the successful completion of both this unit and the doctoral program as a whole. Each candidate shall, in consultation with the Course Director and their supervisor, present a proposal for professional development experience which specifies the goals of their field experience in week 3 of the unit. The Field Based Inquiry into Nursing I unit shall proceed only after the proposal is approved by the Course Director.

This unit is designed to enable students to conduct a project which focuses on their field of practice and health service delivery. Drawing on processes of reflection, critique of practice and research skills, students will be expected to revisit, redesign, carry out and report on their projects. They will engage in a period of intensive reading, explore relevant aspects of practice, prepare reports for presentation within the organisation, at professional meetings and for assessment of progress within the course. Successful completion of this unit will prepare students to undertake large scale projects with increasing independence and confidence.

assessment: 5000-6000 word field inquiry report

CLIN NUR 8005HO

Field Based Inquiry in Nursing II

6 units semester 2

3 hours per week for 3 weeks, negotiated access to a nominated supervisor

eligibility: Doctor of Nursing students only

This unit is designed to challenge students to be more than just analytical. It is designed to facilitate the development of students' ability to recognise the implications of change in the broad arena of society in general and health care and nursing in particular. In satisfying criteria associated with this unit, students will need to demonstrate the ability to advance and successfully defend innovative thinking in relation to service delivery. Students will be required to engage in a period of sustained involvement in a professional nursing setting and to prepare and submit a paper which focuses on predictable, desirable and visionary change.

assessment: paper

CLINNUR3 8008HO

Research I

6 units semester 1 or 2

eligibility: Doctor of Nursing students only

This component of the degree requires students to identify substantive research questions or problems; to carry out research based activities; and to submit a portfolio of approximately 50,000 words which represents an original contribution to knowledge in nursing. The research portfolio should contain two or three separate research projects, related in terms of the area of interest and presented as completed research reports. The portfolio may also contain published work, for example a systematic review and/or an article published in a refereed journal from the student's research.

assessment: research based activities

CLINNUR3 8009HO

Research II

6 units semester 1 or 2

eligibility: Doctor of Nursing students only

This component of the degree requires students to identify substantive research questions or problems; to carry out research based activities; and to submit a portfolio of approximately 50,000 words which represents an original contribution to knowledge in nursing. The research portfolio should contain two or three separate research projects, related in terms of the area of interest and presented as completed research reports. The portfolio may also contain published work, for example a systematic review and/or an article published in a refereed journal from the student's research.

assessment: research based activities

CLINNUR3 8010HO

Research III

6 units semester 1 or 2

eligibility: Doctor of Nursing students only

This component of the degree requires students to identify substantive research questions or problems; to carry out research based activities; and to submit a portfolio of approximately 50,000 words which represents an original contribution to knowledge in nursing. The research portfolio should contain two or three separate research projects, related in terms of the area of interest and presented as completed research reports. The portfolio may also contain published work, for example a systematic review and/or an article published in a refereed journal from the student's research.

assessment: research based activities

CLINNUR3 8011HO

Research IV

6 units semester 1 or 2

eligibility: Doctor of Nursing students only

This component of the degree requires students to identify substantive research questions or problems; to carry out research based activities; and to submit a portfolio of approximately 50,000 words which represents an original contribution to knowledge in nursing. The research portfolio should contain two or three separate research projects, related in terms of the area of interest and presented as completed research reports. The portfolio may also contain published work, for example a systematic review and/or an article published in a refereed journal from the student's research.

assessment: research based activities

CLINNUR3 8012HO

Research V

6 units semester 1 or 2

eligibility: Doctor of Nursing students only

This component of the degree requires students to identify substantive research questions or problems; to carry out research based activities; and to submit a portfolio of approximately 50,000 words which represents an original contribution to knowledge in nursing. The research portfolio should contain two or three separate research projects, related in terms of the area of interest and presented as completed research reports. The portfolio may also contain published work, for example a systematic review and/or an article published in a refereed journal from the student's research.

assessment: research based activities

CLINNUR3 8013HO

Research VI

6 units semester 1 or 2

eligibility: Doctor of Nursing students only

This component of the degree requires students to identify substantive research questions or problems; to carry out research based activities; and to submit a portfolio of approximately 50,000 words which represents an original contribution to knowledge in nursing. The research portfolio should contain two or three separate research projects, related in terms of the area of interest and presented as completed research reports. The portfolio may also contain published work, for example a systematic review and/or an article published in a refereed journal from the student's research.

assessment: research based activities

OENOLOGY

OENOLOGY 7000NW

OENOLOGY 7000EX

Introductory Grape and Wine Knowledge

3 units semester 1

Internal: 2 lectures, 3 hours tutorial/practical per week, some practical components may be held in mid semester break)

external: 4 day residential school during mid semester break)

eligibility: postgraduate students in wine Wine Business only

Grapevine morphology, growth and development; grape berry development; changes in grape berry composition during ripening; physiology of smell and taste; basic winemaking principles. Practical exercises sessions designed to train student's palate in wine sensory evaluation and to differentiate between Australian wine types and styles.

assessment: semester written exams, practical tests

OENOLOGY 7002NW

OENOLOGY 7002EX

Vineyard and Winery Operations I

3 units semester 2

5 day residential school - external mode only

Internal: 2 lectures, 3 hours tutorial/practical per week, some practical components may be held in mid semester break)

external: 4 day residential school during mid semester break)

eligibility: postgraduate students in wine Wine Business only

prerequisite: OENOLOGY 7000NW/7000EX Introductory Grape and Wine Knowledge

Climatic requirements for grapevines; vineyard design, establishment and operations including pruning, irrigation, canopy management, soil management and pest and disease management; characteristics of major white wine grape varieties; principles and practices of white and sparkling wine production; major white wine styles of the world; oak in winemaking.

Practical sessions relate to lecture topics and include viticulture exercises and wine sensory evaluation.

assessment: semester written exams, practical tests

OENOLOGY 7003NW

OENOLOGY 7003EX

Vineyard and Winery Operations II

3 units semester 1

Internal: 2 lectures, 3 hours tutorial/practical per week, some practical components may be held in mid semester break)

external: 4 day residential school during mid semester break)

eligibility: postgraduate students in Wine Business only

prerequisite: OENOLOGY 7000NW/7000EX Introductory Grape and Wine Knowledge

Characteristics of major red wine grape varieties; principles and practices of red wine production; major red wine styles of the world; techniques for grapevine improvement and biotechnology, as applied to the wine industry; wine packaging, bottling operations and quality standards; sensory science. Practical sessions relate to lecture topics and will include tasting sessions.

assessment: semester written exams, practical tests and reports.

OENOLOGY 7004WT

Wine Packaging and Quality Management

3 units semester 2

2 lectures, 4 hours practicals/field trips per week

prerequisite: OENOLOGY 3007WT Stabilisation and Clarification.

Science and technology of bottling and packaging systems including chemical and physical properties of packaging materials, principles of filling machinery, design and process control of wine filling/packaging systems.

Wine and food laws and commercial forces as quality standards. Taints and residues in grapes and wine as quality issues. Approaches and systems of quality management using the wine industry as a focus, including the development of corporate quality cultures, standards and specifications, measurement for quality assurance, process and performance analysis methods, quality accreditation. Visits will be made to commercial plants.

assessment: practicals, reports, written assignments, written exams

OENOLOGY 7010WT

Stabilisation and Clarification

3 units semester 1

2 lectures, 4 hours practicals a week

prerequisite: OENOLOGY 2024WT Introductory Winemaking

Principles and practices of wine clarification and stabilisation. Protein, tartrate, metal, colour oxidative, and microbiological stability and stability testing of wine. Wine clarification by means of settling, centrifugation, filtration and fining.

assessment: practicals, reports, written assignments, exam

OENOLOGY 7013WT

Winemaking

3 units semester 1

8 hours per week (or equivalent) commencing first week of February

prerequisite: OENOLOGY 2024WT Introductory Winemaking.

corequisite: OENOLOGY 3016WT Cellar and Winery Waste Management

Major table winemaking projects will be utilised to integrate wine technology with practical strategies to achieve wine quality targets.

assessment: written exam, wine reports and presentations

OENOLOGY 7017WT

OENOLOGY 7017EX

Fortified Wines, Spirits and Non-Grape Beverages A

3 units semester 2

internal: 2 lectures, 3 hours tutorial/practical per week, some practical components may be held in mid semester break

external: 5 day residential school during mid semester break

eligibility: postgraduate students in Wine Business only

prerequisite: OENOLOGY 7000NW/7000EX Introductory Grape and Wine Knowledge

Production of Australian, Spanish and Portuguese fortified wines; grape spirit and brandy productions; production of other distilled beverages; production of beer. Practical sessions relate to lecture topics and will include tasting sessions.

assessment: semester written exams, practical tests.

OENOLOGY 7019WT

Sensory Studies

3 units semester 2

2 lectures, 4 hours practical a week

Sensory evaluation and its relationship to the winemaking process, physiology of olfaction, taste and the oral mucosa, salivary composition, perception of sweetness, acidity, bitterness and astringency, sensory measurement theory, psychophysics, aroma and taste interactions, threshold measurement, psychological and physiological factors affecting perception, adaptation, sensory test methods, elements of good sensory practice including data collection and statistical analysis. The practical program will be used

to illustrate concepts presented in lectures and to develop basic skills in sensory assessment of wines leading to the interpretation of wine characteristics in terms of wine style and quality.

assessment: practical report, tasting tests, group presentation, written exam

OENOLOGY 7022WT

Cellar and Winery Waste Management

3 units semester 1

2 lectures, 4 hours practicals per week

prerequisite: OENOLOGY 2024WT Introductory Winemaking

restriction: OENOLOGY 3016WT Cellular Management (4880)

Vintage planning; occupational health and safety, winery record keeping; microbial control, cellular hygiene; winery waste management.

assessment: final exam, practical reports and tutorial papers

OENOLOGY 7028WT

Introductory Winemaking

3 units semester 2

2 lectures, 4 hours practicals a week

prerequisite: CHEM 1001A/B Chemistry I ANR or CHEM 1000A/B Chemistry I

Introduction to the Australian wine industry. Chemistry and unit processes of winemaking. Production of table wines, including dry floral fruity white, full bodied white, sweet white, rose, medium and full bodied red and sparkling wines.

assessment: practical reports, written assignments, written exam

OENOLOGY 7038WT

Distillation and Fortified Winemaking

3 units semester 1 (second half)

22 lectures, 4 hours practicals per week for 7 weeks

prerequisite: OENOLOGY 7028WT Introductory Winemaking, OENOLOGY 7019WT Sensory Studies

Distillation principles and wine distillation practices. Production and maturation of Australian and overseas grape spirits for fortification and brandy production. Legal requirements. Sensory evaluation of fortifying and brandy spirits. Composition and production of Australian and overseas fortified and liqueur wine styles.

assessment: practical reports, assignments, written exam

OENOLOGY 7040WT

Sensory Evaluation of Foods

3 units semester 2

2 lectures, 1 practical per week

The role of sensory evaluation in marketing of food and beverages, physiological and psychological factors affecting sensory perception, relationships between sensory properties and product acceptability, measurement of sensory perception, design and conduct of sensory evaluation experiments, difference testing, preference testing, panel selection procedures, taste and aroma profiling, texture profiling, shelf life determination, sensory quality control, product development and optimisation, strategies for developing sensory evaluation programs. A range of food and beverage products will be assessed using the techniques and principles present in the lecture program.

assessment: to be advised

OENOLOGY 7045WT

Industry Experience.(Oenology) A

4 units summer vacation, semester 1

10 weeks work experience

prerequisite: OENOLOGY 3011WT Winemaking

This course is largely practically orientated, based on work experience at a commercial winery during vintage. A specified level of proficiency in the following operations is expected: grape receival and weighbridge; crushing; draining and pressing; fermentation and postfermentation operations and quality control procedures. Furthermore, an understanding of the contribution of each of the

OENOLOGY 7046WT

Fermentation Technology

3 units semester 2

2 lectures per week, practical sessions, industry visits equivalent of 4 hours per week

8 hours per week

eligibility: Grad. Dip.Oenology , Grad. Cert., and Masters in Oenology students

corequisite: OENOLOGY 2024WT Introductory Winemaking, OENOLOGY 2022WT Sensory Studies

This practical course provides students with the opportunity to gain hands on winemaking experience that expands on areas of fermentation technology and preparation of wine for bottling post vintage. The course introduces students to the planning and managing of winemaking strategies, and importantly complements the theory covered in the other wine technology courses for table wine production. Another objective of this course is to help students

make a considerable progression in the development of their wine sensory evaluation skills.

assessment: exam, written work, practical reports, presentations

OENOLOGY 7047WT

Winemaking at Vintage

3 units semester 1

8 hours per week (or equivalent) commencing first week of February

eligibility: Grad. Cert., Grad. Dip. and Masters in Oenology students

prerequisite: OENOLOGY 2024WT Introductory Wine making, OENOLOGY 2022WT Sensory Studies

corequisite: OENOLOGY 3016WT Cellar and Winery Waste Management

This practical course provides students with the opportunity to gain hands on winemaking experience over the vintage period. The course introduces students to the planning and managing of winemaking strategies. It covers all aspects of grape processing, white juice preparation and red wine fermentation and is designed to complement the theory covered in the other wine technology courses for table wine production. This course also aims to help students make a considerable progression in the developments of their wine sensory evaluation skills.

assessment: exam, written work, practical reports, presentations

OENOLOGY 7048WT

Advances in Oenology

3 units semester 2

2 lectures per week, practical sessions, industry visits equivalent of 4 hours per week

Current research and practices in oenology. Particular emphasis will be placed on grape and wine phenolics and flavour compounds; methods of analysis in wine science; yeast biochemistry including nutrition, sugar transport, nitrogen and organic acid metabolism, ethanol toxicity, sulphur dioxide production and tolerance, yeast aroma compounds; the malolactic fermentation - biochemical and molecular approaches. Wine industry visits will focus on modern practices and recent developments to increase production efficiencies and wine quality.

assessment: written exam, reports on practical exercises and industry visits

PHARMACOLOGY

PHARM 7001

Principles of Drug Action

4 units trimester 1 or 2

8 x 3 hours of lectures

eligibility: Grad. Dip./Master of Alcohol and Drug Studies students

This course will provide an introduction to the pharmacology of alcohol and other drugs of dependence. It will cover general principles of drug action as well as the pharmacology of specific drugs and drug classes. Also included will be material on drug interactions and pharmacological mechanisms of drug tolerance and dependence.

assessment: exam

PHARM 7002

Aetiology of Drug Problems

4 units trimester 1 or 2

8 x 3 hours of lectures

eligibility: Grad. Dip./Master of Alcohol and Drug Studies students

This course will examine the factors that predispose to problematic drug use. This will include the individual and social factors that can result in the development of drug problems. Epidemiology of drug use and of drug-related problems will be discussed, together with drug problems in specific populations.

assessment: exam, case reports; relative weights to be advised at commencement of teaching

PHARM 7003

Treatment Principles and Practice I

4 units trimester 1 or 2

8 x 3 hours of lectures

eligibility: Grad. Dip./Master of Alcohol and Drug Studies students

This course will provide an overview of both assessment of patients with alcohol and drug problems and the options for treatment that are available. It will also include management of biomedical problems associated with alcohol and drug use including management of withdrawal, overdose and associated medical conditions.

assessment: exam, case reports; relative weights to be advised at commencement of teaching

PHARM 7004

Treatment Principles and Practice II

4 units trimester 1 or 2

8 x 3 hours of lectures

eligibility: Grad. Dip./Master of Alcohol and Drug Studies students

This course will focus on psychosocial interventions appropriate for people with alcohol and drug problems. While a range of approaches will be covered, emphasis will be on behavioural therapies developed for the treatment of alcohol and drug problems. Topics will include relapse prevention, controlled drinking, family therapy and brief intervention. Psychiatric problems associated with alcohol and drug use will also be covered.

assessment: exam, case reports; relative weights to be advised at commencement of teaching

PHARM 7005

Public Health Principles and Drug Use

4 units trimester 1 or 2

8 x 3 hours of lectures

eligibility: Grad. Dip./Master of Alcohol and Drug Studies students

The public health perspective will be employed to examine how policy influences drug use and drug problems in our society. Issues to be covered include health promotion in the drug and alcohol area, supply and demand reduction and community action.

assessment: exam, case reports; relative weights to be advised at commencement of teaching

PHARM 7006

Practicum and Projects

4 units trimester 1 or 2

8 x 3 hours of lectures

eligibility: Grad. Dip./Master of Alcohol and Drug Studies students

Practicum requirements include a minimum of 2 x 2 week blocks of supervised clinical experience in alcohol/drug units, or its equivalent in case management. Students will be required to complete a log-book recording attendance and case load and to summarise a variety of cases. The project will consist of a comprehensive write-up of one case study.

assessment: case summaries, project report; relative weights to be advised at commencement of teaching

PHARM 7007

Alcohol and Drug Studies Dissertation (Full-time)

12 units semester 1 or 2

regular meetings with supervisor/s

eligibility: Master of Alcohol and Drug Studies students

prerequisite: completion of M.D.& A. coursework

The student is required to identify a research question or problem and carry out a research project which is either experimentally based or is a case study series. The dissertation should include a thorough literature review, an appropriate methodology as well as presentation and interpretation of results.

For the international/interstate students the Dissertation course will be undertaken in their home country/state under joint supervision of Adelaide and overseas/interstate researchers and academic staff. Some periods of residence in Adelaide may be required for the Dissertation course if academic progress is not satisfactory. Where necessary, the supervisor from the University of Adelaide will visit the student and the overseas/interstate supervisor to ensure supervision and research quality. Details will be determined on a case-by-case basis by the Department of Clinical and Experimental Pharmacology.

assessment: dissertation

PHARM 7008

Alcohol and Drug Studies Dissertation (Part-time)

6 units semester 1 or 2

Regular meetings with supervisor/s

eligibility: Master of Alcohol and Drug Studies students

prerequisite: completion of M.D.& A. coursework

This course needs to be taken in semester 1 and 2 to fulfil the requirements of the dissertation. The student is required to identify a research question or problem and carry out a research project which is either experimentally based or is a case study series. The dissertation should include a thorough literature review, an appropriate methodology as well as presentation and interpretation of results.

For the international/interstate students the 'Dissertation' course will be undertaken in their home country/state under joint supervision of Adelaide and overseas/interstate researchers and academic staff.

Some periods of residence in Adelaide may be required for the 'Dissertation' course if academic progress is not satisfactory. Where necessary, the supervisor from the University of Adelaide will visit the student and the overseas/interstate supervisor to ensure supervision and research quality. Details will be determined on a case-by-case basis by the Department of Clinical and Experimental Pharmacology.

assessment: dissertation

PHYSICS

PHYSICS 7002

Astrophysics

3 units semester 1 or 2

A survey of the Universe at all scales and wave lengths/energies. Stellar astrophysics, and studies of the interstellar medium and magnetic fields. Cosmic ray acceleration and propagation; pulsars, gamma-ray astrophysics; radio and x-ray astronomy. Space experiments including HST and COBE.

assessment: written exam, marked assignments, short presentation on topic of interest

PHYSICS 7003

Astmospheric and Environmental Physics

3 units semester 1 or 2

The course is an introduction to the physics of planetary atmospheres, with a focus on the Earth's atmosphere including environmental and climate issues. Topics will include radioactive transfer in the Sun-Earth system, thermodynamics of the atmosphere, cloud physics, atmospheric motions and circulation, the role of aerosols and minor constituents, such as water vapour, carbon dioxide and ozone, in determining climate, and the impact on the environment of anthropogenic actions.

assessment: written exam, marked assignments

PHYSICS 7004

Advanced Electromagnetism

3 units semester 1 or 2

Boundary value problems, with applications to electrostatics and magnetostatics, time varying fields, and radiating systems.

assessment: written exam, marked assignments

PHYSICS 7005

Atomic and Molecular Physics

3 units semester 1 or 2

A review of atomic structure theory. The dynamics and spectra of small molecules.

assessment: written exam, marked assignments

PHYSICS 7006

Cosmology

3 units semester 1 or 2

Theoretical and observational foundations of cosmology; relativistic theories, black body radiations, and inflation and galaxy formation.

assessment: written exam, marked assignments

PHYSICS 7007

Experimental Methods

3 units semester 1 or 2

An introduction to statistical and Fourier techniques, with applications to experimental design and data analysis.

assessment: written exam, marked assignments

PHYSICS 7008

Gauge Theory

3 units semester 1 or 2

An introduction to quantised non-Abelian gauge theories, including Feynman diagrams, weak models, and quantum chromodynamics.

assessment: written exam, marked assignments

PHYSICS 7009

General Relativity

3 units semester 1 or 2

An outline of differential geometry with applications to General Relativity, including the Schwartzchild solutions, weak fields and gravitational waves.

assessment: written exam, marked assignments

PHYSICS 7010

Laser Physics and Non-Linear Optics

3 units semester 1 or 2

A review of laser physics and an introduction to non-linear optical phenomena with applications.

assessment: written exam, marked assignments

PHYSICS 7011

Nuclear and Radiation Physics

3 units semester 1 or 2

assumed knowledge: Level III Physics.

Production, transmission and measurement of ionising radiation, with medical and environmental, taught from experimental viewpoint applications.

assessment: written exam, marked assignments

PHYSICS 7012

Nuclear Theory and Particle Physics

3 units semester 1 or 2

A discussion of local gauge theories and particularly quantum chromodynamics, with applications.

assessment: written exam, marked assignments

PHYSICS 7013

Quantum Field Theory

3 units semester 1

content: photons and the electromagnetic field, Lagrangian field theory and Klein-Gordon field, the Dirac field and photons: co-variant theory, the S-matrix expansion, Feynman diagrams and rules in QED; QED processes in lowest order, radiative corrections.

assessment: written exam, marked assignments

PHYSICS 7014

Relativistic Quantum Mechanics & Particle Physics

3 units semester 1 or 2

Relativistic wave equations, including Dirac equations, spinors, and introduction to field quantisation.

assessment: written exam, marked assignments

PHYSICS 7015

Statistical Mechanics and Many Body Theory

3 units semester 1 or 2

A review of the aims and methods of classical and quantum statistical mechanics, with emphasis on the application of lattice models to phase transitions, and the simulation of quantum field theories.

assessment: written exam, marked assignments.

PHYSICS 7016

Research Project (M.Sc. Physics)

12 units semester 1 or 2

Supervised research project, usually in the same area as the advanced topic selected for Advanced Topic in Physics (below).

assessment: research project, report and seminar

PHYSICS 7017

Advanced Topic in Physics

6 units semester 1 or 2

Supervised reading: a review of contemporary developments and research in applied physics, astrophysics, atmospheric physics, optical lasers or theoretical physics.

PHYSICS 7024

Topics in Mathematical Physics A

Supervised reading: a review of contemporary developments and research in mathematical physics.

PHYSICS 7025

Topics in Mathematical Physics B

Supervised reading: a review of contemporary developments and research in mathematical physics.

PHYSICS 7026

Computational Physics III

2 units semester 2

2 lectures, 1 hour tutorial per week

prerequisite: either PHYSICS 1000A/B Physics I or PHYSICS 1100 Physics IA and PHYSICS 1200 Physics IB; and either MATHS 1007A/B Mathematics I (Pass Div I) or MATHS 2004 Mathematics IIM (Pass Div I) - students without these prerequisites may apply to the Head of Discipline for exemption

assumed knowledge: PHYSICS 2000A/B Physics II, APP MTH 2007 Differential Equations II, APP MTH 1000 Scientific Computing or COMP SCI 1002A/B Computer Science I or equivalent

A selection of basic computational procedures (a hands-on course). Basic mathematical operations: differentiation, integration, finding roots. Solving ordinary DEs; Data analysis, linear and non-linear least squares, chi squared statistic; Fourier methods, sampling, convolution, filtering, FFT. Modelling: basics, interpolation, solving problems of algebraic equations; Series/Laplace solution of ODEs; Generation of numerical code: Function evaluation, Optimisation (Horner's rule, forward differencing).

assessment: assignments, exam

PHYSICS 7028

Experimental Physics III

3 units semester 1

9 hours practical work per week

prerequisite: either PHYSICS 2000A/B Physics II or both PHYSICS 2100 Physics IIA and PHYSICS 2200 Physics IIB. or equivalent - students without this prerequisite may apply to the Head of Discipline for exemption

Laboratory experiments in selected areas including atomic and nuclear physics, optics, thin films and electromagnetism, plus a practical electronics course related to analogue circuits and operational amplifiers.

assessment: laboratory work, report on selected experiment, open and closed book tests.

PHYSICS 7029

Mathematical Physics III

2 units semester 1

2 lectures per week, approx. 1 tutorial per fortnight

prerequisite: either MATHS 1007A/B Mathematics I (Pass Div I) or MATHS 2004 Mathematics IIM (Pass Div I) - students without these prerequisites may apply to the Head of Discipline for exemption

assumed knowledge: PHYSICS 2002 Classical Fields and Mathematical Methods II or equivalent; APP MTH 2007 Differential Equations II; either APP MTH 2006 Methods in Applied Mathematics II or APP MTH 2002 Vector Analysis and Complex Analysis; PURE MTH 2002 Algebra II; PURE MTH 2006 Real and Complex Analysis II

Vector spaces, linear operators, inner product spaces. Linear functionals, dual space, tensors, r-vectors. Grassmann algebra. Quaternions, Lie algebras and Lie groups. Continuous vector spaces, distributions, Fourier transforms, Green's functions for Laplace's equation and the wave equation.

assessment: class exercises 20%, 2 hour exam 80%.

PHYSICS 7030

Quantum Mechanics III

3 units semester 1

3 lectures, approx. 1 tutorial per week

prerequisite either PHYSICS 2000A/B Physics II or both PHYSICS 2100 Physics IIA and PHYSICS 2200 Physics IIB or PHYSICS 2004 Introductory Quantum Mechanics & Applications II and APP MATHS 2007 Differential Equations II - students without these prerequisites may apply to the Head of Discipline for exemption

This course introduces concepts essential for the understanding of quantum mechanics and the microscopic structure of matter. Review of principles and postulates of quantum mechanics. Mathematical formalism and Dirac bra-ket notation. Commuting observables, compatibility, and the Heisenberg uncertainty relations. Unitary transformations. Schroedinger equation and time evolution. Orbital angular momentum, spherical harmonics, and spatial rotations. Angular momentum, addition of angular momenta, and Clebsch-Gordon coefficients. Schroedinger equation in three dimensions. Separability and central forces spherical square well, hydrogen-like atoms, three-dimensional oscillator. Time-independent approximation methods Perturbation theory, variational methods, WKB approximation. Fine structure of hydrogen atom.

assessment: 3 hour exam, class exercise, test.

PHYSICS 7031

Advanced Quantum Mechanics

2 units semester 2

2 lectures per week, approx. 1 tutorial per fortnight

prerequisite: PHYSICS 3004 Quantum Mechanics III - students without this prerequisite may apply to the Head of Discipline for exemption

assumed knowledge: PURE MTH 2002 Algebra II, PURE MTH 2006 Real and Complex Analysis

This course studies advanced topics in quantum mechanics with an emphasis on symmetries and the mathematical structure of the theory. Postulates and formalism. Stern-Gerlach experiment. Angular momentum. Bell's inequalities. Symmetries, conservation laws, and unitary transformations. Position and momentum representation. Heisenberg and Schroedinger pictures. Annihilation and creation operators harmonic oscillator. Feynman path integrals. Parity. Time-reversal. Periodic potentials and Bloch wavefunctions. Coupled oscillators. Density matrix approach. Time-dependent perturbation theory -interaction picture and the Dyson series. Ferm's Golden rule. Introduction to relativistic quantum mechanics Klein-Gordon equation, Dirac equation, probability current, electromagnetic coupling.

assessment: 2 hour exam, class exercises.

PHYSICS 7032

Advanced Dynamics and Relativity

3 units semester 2

3 lectures, approx. 1 tutorial per week

prerequisite: either MATHS 1007A/B Mathematics I (Pass Div I) or MATHS 2004 Mathematics IIM (Pass Div I); PHYSICS 2000A/B Physics II in 2002 and 2003, or 2002 Classical Fields and Mathematical Methods II; PHYSICS 2001 Classical Mechanics II - students without these prerequisites may apply to the Head of Discipline for exemption

Mechanics - Lagrangian mechanics, symmetries and conservation laws, small oscillations, Hamiltonian mechanics, symmetries and canonical transformations; relativity - space-time tensors, relativistic mechanics, electrodynamics; field theory - Lagrangian field theory, electromagnetic radiation.

assessment: class exercises, 3 hour exam

PHYSICS 7033

Introduction to Physics Research

3 units semester 2

9 hours in a research group per week

prerequisite: either PHYSICS 2000A/B Physics II or PHYSICS 2100 Physics IIA and PHYSICS 2200 Physics IIB, and 6 units at Level III -

students without these prerequisites may apply to the Head of Discipline for exemption

assumed knowledge: PHYSICS 3002 Experimental Physics III

This course comprises an experimental or theoretical project in a research group, a brief oral presentation on the project to the group, attendance at departmental research talks and a wordprocessed essay on the research of the department. A workshop led by ACUE on oral and written communication with videoed practice session. A computer-based session on experimental statistics and appropriate introductory technical training for experimental students.

A wordprocessed report with abstract and bibliography on the project to be submitted at the end of the course. The course is especially recommended to students intending to do honours.

assessment: project report, research essay, presentation, other.

PHYSICS 7034
Physics of Solid State Devices

2 units semester 1

2 lectures, approx. 1 tutorial, 1 computer lab per week

prerequisite: either PHYSICS 2000A/B Physics II or both PHYSICS 2100 Physics IIA and PHYSICS 2200 Physics IIB - students without this prerequisite may apply to the Head of Discipline for exemption

This course introduces students to Crystal structures, lattices, energy bands, bandgap engineering, material growth, current carriers, carrier transport: drift, diffusion, generation and recombination; pn junctions: physics of tunnelling, LEDs; bipolar junction transistors: charge transport, amplification, switching, limitations; junction FETs; MESFETs; HEMTs; low dimensional structures; quantum confinement; ultra high speed devices. The lecture material will be supplemented by use of computer simulations of relevant topics to be performed by individual students.

assessment: assignments, final exam.

PHYSICS 7035
Statistical Mechanics

2 units semester 2

2 lectures per week, approx. 1 tutorial per fortnight

prerequisite: either PHYSICS 1000A/B Physics I (Pass Div I) or PHYSICS 1100 Physics IA and PHYSICS 1200 Physics IB, and MATHS 1007A/B Mathematics I (Pass Div I) or MATHS 2004 Mathematics IIM (Pass Div I) - students without these prerequisites may apply to the Head of Discipline for exemption

assumed knowledge: PHYSICS 2000A/B Physics II

This course introduces concepts essential for the understanding of both classical and quantum statistical mechanics. Topics covered include the classical thermodynamic laws and their application, postulates of statistical mechanics, statistical interpretation of thermodynamics, microcanonical, canonical and grand canonical ensembles. The methods of statistical mechanics are then used to develop the statistics for Bose-Einstein, Fermi-Dirac and photon gases. Selected topics from low temperature physics, electrical and thermal properties of matter, and astrophysics will be discussed.

assessment: 2 hour exam, assignments

PHYSICS 7100
Diploma Project (Physics) A

Supervised research project in physics.

assessment: research project, report and seminar

PHYSICS 7102
Mathematical Physics Diploma Project A

Supervised research project in mathematical physics.

assessment: research project, report and seminar

PHYSICS 7200
Diploma Project (Physics) B

Supervised research project in physics.

assessment: research project, report and seminar

PHYSICS 7202
Mathematical Physics Diploma Project B

Supervised research project in mathematical physics.

assessment: research project, report and seminar

PHYSICS 8001
Radiotherapy Physics

3 units semester 2

prerequisite: Nuclear and Radiation Physics or equivalent

Radiation therapy involves the therapeutic use of controlled doses radiation for cancer treatment in hospitals. This reading-tutorial course consists of 24 topics covering various aspects of Radiotherapy Physics. Course notes are available via the internet and a list of recommended text books. Topics include: units and definitions of physical quantities used in radiotherapy, radiobiological basis for radiotherapy, compartment analysis, measurement of radiation for radiotherapy, Bragg-Gray theory, absorbed dose measurements, depth-dose profiles, field correction factors, calibration of ionisation chambers for photon and electron beams, quality assurance protocols, treatment machines (linacs), treatment planning overview, beam data specification and acquisition, treatment planning: photons and electrons, single and multiple beams, conformal and intensity modulated RT, other beams: proton therapy, simulators and ancillary techniques, simulations, dosimetry

and therapeutic techniques using unsealed sources, brachitherapy, shielding calculations in medical equipment installations.

PHYSICS 8002

Radiation Biology, Protection and Epidemiology

3 units semester 1

assumed knowledge: PHYSICS 7011 Nuclear and Radiation Physics or equivalent

The aim of this on-line course is to provide an understanding of the effects of radiation in vivo, operational health physics, radiation protection and epidemiological methods appropriate for practice as a medical or health physicist. The reading-tutorial course consists of 25 topics covering various aspects of Radiation Biology, Protection and Epidemiology. Lecture notes are available on the internet. Topics include: radiation protection quantities, risk and exposure, radiation chemistry, biological effects of radiation on cells and tissues, dose fractionation, Linear Energy Transfer, Relative Biological Effectiveness, clinical radiobiology, sources of radiation, Radon-222 and its daughters, medical exposure, man made & industrial sources of radiation, Chernobyl, atomic bomb survivors, health effects of low levels of ionising radiation, early and late effects from high doses of radiation, shielding calculations in medical equipment installations, radiation safety in the laboratory and clinical environment, personnel protection and monitoring, radiation protection legislation, genetic effects and risks, introduction to epidemiology, association vs causation, non-ionising radiation risks and radiation epidemiology

assessment: assignments 40%, exam 60%

PLANT SCIENCE

PLANT SC 7002WT

Plant Nutrition for Productive Systems

2 units semester 2 break

10 lectures, 5 tutorials, 5 hour field trip, 20 hours laboratory, glasshouse, library work - over one week

restriction: 3434 Mineral Nutrition of Plants

assumed knowledge: degree/diploma in Science or Agricultural Science

Topics considered are: symptomatology, diagnosis and prognosis, correction and fertiliser strategies, interactions between nutrients, interactions with other factors in production such as, genotype, disease, herbicide, climate. Contemporary issues: pollution, profitability, role of plant nutrition in sustainable systems for nutrition of humans and animals. Experimental methodology.

assessment: written work, short presentation

PLANT SC 7004WT

Mineral Nutrition of Plants

3 units semester 2

2 lectures, 4 hours practicals a week

prerequisite: PLANT SC 2001WT Agricultural Botany; or APP ECOL 1003RW Biology of Plants and Animals; or equivalent

An advanced course which takes its brief from the acute deficiency in minerals of most South Australian soils, and the pre-eminent role of nutrition in successful agricultural production in this State. Topics are discussed in a context of both agricultural and horticultural industries, and include factors affecting nutrient acquisition by roots, diagnosis and correction of macro and micronutrient problems, fertiliser strategies, nutritional effects on produce quality, including nutritional quality, nutrition and disease resistance, genetic control of adaptation to nutrient limitations in soils, the role of symbiotic dinitrogen fixation, nutritional aspects of nitrogen fixation. A practical component supplements the lectures by providing hands on experience of the important issues.

assessment: exam 60%, practical reports 30%, reviews, essays 10%

PLANT SC 7005WT

Introductory Plant and Animal Breeding

3 units semester 1

2 lectures, 4 hours of practicals a week

assumed knowledge: GENETICS 2003 Basic Genetics or GENETICS 2000A/B Genetics II or ANIML SC 2029WT Genes and Inheritance

The process of deliberate selection and improvement of animals and plants is integral to the development of civilisation. This course introduces the fundamental concepts of breeding: genetic diversity and modes of inheritance; strategies for setting objectives and maximising selection and improvement of key traits; breeding methodologies for self or cross pollinated plants and animals, and perennials.

assessment: to be advised

PLANT SC 7009WT

Molecular Markers in Plant Breeding

2 units one week in semester 1

40 hours

assumed knowledge: degree in Agricultural Science or Science

The aim of this course is to teach the basic principles of recombinant DNA technology with an emphasis on the application of these techniques to plant breeding. The following techniques will be taught: DNA isolation from plant tissue; restriction digestion and gel polyacrylamide and agarose electrophoresis; cloning DNA in plasmid vectors; plasmid DNA isolation; Polymerase Chain Reaction;

Southern hybridisation. Lectures will cover basic aspects of DNA structure and the organisation of the plant genome, the application of molecular markers to breeding programs and various related recombinant DNA techniques.

assessment: work book assessment

PLANT SC 7010WT

Crop Physiology III

3 units not offered in 2004

even years only

2 lectures, 4 hours practicals a week

prerequisite: PLANT SC 2001WT Agricultural Botany or AGRONOMY 2000ARW/BRW Principles of Sustainable Agriculture

The development of appropriate management techniques and adapted cultivars of crop and pasture plants requires knowledge of the environmental constraints to growth and yield and of how plants respond to environmental stresses. Crop physiology is a course that examines the interaction between crops in the field and their environment. Discussions will concentrate on the crop and pasture canopy as the unit of organisation and the course will analyse how productivity is affected by the field environment and the genetic and managerial means by which the adverse effects of environmental stress can be reduced and yield improved. The physiological basis for these practices will be stressed. Topics include solar radiation and crop production, water use by crops and water use efficiency, dry matter production and partitioning, cereal and legume physiology, nitrogen fixation, the use of physiological characteristics in plant breeding, and case studies of important grain crops.

assessment: exam 50%, essay 15%, practical reports 35%

PLANT SC 7011WT

Advanced Plant and Animal Breeding

3 units semester 2

prerequisite - PLANT SC 3007WT Introductory Plant and Animal Breeding

Advanced plant and animal breeding examines the role of genetic manipulation in agriculture. This course is designed for students who intend to enter either the crop or animal industries. It is virtually an essential adjunct to those whose primary interests are in: integrated pest and disease management; animal husbandry; crop science, as genetic manipulation is the major alternative to changes in management in these areas and often presents the more efficient methods of solving agricultural problems. The subject is also an introduction for those who wish to continue in research in genetics of crops and animals and those who will become full-time breeders. Students will develop specialised skills in strategies and technologies which can be applied to breeding of plants, including field crops and horticultural crops and in animal breeding and selection. The lectures will cover advanced breeding techniques (hybrids, heterosis, male sterility); special techniques (mutations, polyploidy, cytogenetics, reproductive technologies); application of molecular technologies (QTL analysis, marker assisted selection, pedigree analysis, association genetics and mapping); the physiological, molecular and genetic basis of resistance to pests, parasites and disease; the statistical and genetic basis of genotype x environment interaction and breeding for end-product quality. The practical program includes field trips to a number of practical plant and animal breeding projects, computer based simulation studies and interactive tutorials.

assessment: to be advised

PLANT SC 7012WT

Biotechnology in the Food and Wine Industries

2 units semester 1

assumed knowledge: PLANT SC 2002WT Chemistry of Biopolymers

Application of biotechnology in the food and wine industry: use of recombinant DNA methods in manipulation of bacteria and yeast cultures; transgenic plants with improved traits and products with better quality, enzyme engineering for efficient food processing and production, non-alcoholic and alcoholic fermentations, food additives. Ethical issues and limitations of the gene manipulation technology will also be discussed.

assessment: practical reports, assignments, written exam

PLANT SC 7013WT

Plant Molecular Biology

6 units semester 2

2 lectures,1 tutorial, 8 hours practicals a week

assumed knowledge: PLANT SC 200WT Chemistry of Biopolymers and ANIML SC 2029WT Genes and Inheritance or BIOCHEM 2000A/B Biochemistry II or equivalent

This course provides a current review of our knowledge in plant development, environmental responses and plant-microbe interactions. There is an emphasis on the molecular mechanisms directing plant gene expression under diverse environmental and developmental stimuli. This knowledge is central to our ability to modify plant responses and properties for commercial gains in biotechnology and agriculture. Areas covered in the course include: plant genes and genomes; mechanisms that control plant gene expression; molecular-genetic analysis of important characteristics; signal transduction; molecular biology of plant development, reproduction, and responses to disease and other environmental factors. In the laboratory classes, students will perform some of the techniques currently used to general plant molecular biology information and undertake a research project related to current research in plant molecular biology and biotechnology.

assessment: practicals 20%, tutorial projects 10%, literature review 10%, final exam 60%

PSYCHOLOGY

PSYCHOL 7101
Adult Clinical Psychology

4 units semester 1

3-hour sessions twice weekly, practical work in student's own time

eligibility: Master of Psychology (Clinical) students, or permission of Head of Department

This course teaches students to assess adult mental health, diagnose psychological disorders, formulate treatment plans, and evaluate the scientific literature about the efficacy and effectiveness of therapeutic interventions. Students gain an understanding of the assessment and management of a wide range of psychological disorders including those of high and low prevalence.

assessment: multiple choice exam 30%, class presentation or assignment 30%, take-home exam 40%

PSYCHOL 7102
Applied Methodology

2 units summer semester

intensive course over 7 days (9:30am-3:30pm) - 2 days in November 2003, 5 days in February 2004

eligibility: Master of Psychology (Clinical) students, or permission of Head of Department

The course is intended to be highly applied and of direct relevance to clinical practice. It has a heavy emphasis on program design and evaluation, and the student is also introduced to the methods for critically appraising the literature, and to the basic skills of writing research proposals. The course will cover descriptive and experimental research methods from both quantitative and qualitative perspectives, as well as other contemporary approaches to research and evaluation, such as audit and case studies.

assessment: group presentation 10%, list of research questions 10%, presentation of methods 10%, ethics application 70%

PSYCHOL 7103
Child Clinical Psychology

2 units semester 1

3 hours per week

eligibility: Master of Psychology (Clinical) students, or permission of Head of Department

This course aims to provide theoretical knowledge and practical experience in child clinical psychology. The focus is on the assessment, treatment and conceptualisation of problems of children and adolescents with particular reference to risk factors in development, effects of the family context on children, behavioural and emotional problems in children, chronic illness and disability, health behaviours and adolescent lifestyle factors.

assessment: two assignments

PSYCHOL 7104
Clinical Neuropsychology

2 units semester 1

3 hours per week

eligibility: Master of Psychology (Clinical) students, or permission of Head of Department

prerequisite: PSYCHOL 7108 Psychological Assessment or equivalent

This course will introduce students to the field of clinical neuropsychology with a particular emphasis on assessment. It will examine: the field of interest; the main purposes of neuro-psychological assessment; the underlying assumptions in this field; the areas of cognitive functioning that are of interest to neuropsychologists; the behavioural geography of the brain; and the notion of deficit measurement. Moreover, it will introduce students to some of the main methods by which cognitive skills such as orientation, attention, memory, language, construction, reasoning, executive functions and psychomotor skills are assessed. Students will also be introduced to a variety of disorders that are characterised by deficits in these areas of functioning. Case studies will be used to illustrate the deficits associated with these disorders and to develop students' skills in interpreting neuropsychological test data.

assessment:: critical review of a commonly used neuropsychological test, critical review of a neuropsychological disorder

PSYCHOL 7105
Preparation for Psychological Practice II

2 units semester 2

3 hours per week

eligibility: Master of Psychology (Clinical) students, or permission of Head of Department

prerequisite: PSYCHOL 7107 Preparation for Psychological Practice

This course involves intensive training in advanced psychotherapeutic approaches, such as cognitive behavioural therapy. It employs the same model of integrated skills training used in Preparation for Psychological Practice I. Students will be trained to a performance criterion for each specific skill, in a supportive group setting. Students will be required to demonstrate competency in each skill to pass the course. The course also covers issues of relevance to clinical practice, such as supervision during clinical placements, giving expert testimony in court, psychotherapeutic interventions for complex cases and ethical dilemmas in professional practice. By the conclusion of the course, students will have acquired a repertoire of individual and group therapeutic techniques,

and a knowledge of how to apply these skills in a flexible manner according to the needs of the client.

assessment: videotaped demonstrations of clinical skill acquisition, and workshop presentation

PSYCHOL 7106

Health Psychology

2 units semester 1

3 hours per week

eligibility: Master of Psychology (Clinical) students, or permission of Head of Department

This course examines the relationships of social, behavioural and cognitive variables to health and health care. It covers those aspects of the social environment that influence health and illness outcomes, including the interactions amongst family members and between health care consumers and healthcare providers. Risk factors for health-compromising behaviours are also discussed, including strategies for their modification.

assessment: group-based assignment 50%, written paper 50%

PSYCHOL 7107

Preparation for Psychological Practice I

2 units semester 1

3 hours per week

eligibility: Master of Psychology (Clinical) students, or permission of Head of Department

This course involves intensive training in introductory counselling, interviewing and psychological intervention skills. The teaching model employed consists of intensive workshops with high levels of student participation, and an integrated criterion skills approach. In each workshop, students will observe a therapeutic skill being modeled by experienced Clinical Psychologists. They will then discuss and practice this skill to a criterion of performance. Students will be required to demonstrate competency in each skill to pass the course. The course also gives in depth consideration to other issues of relevance to professional practice, such as professional ethics, the professional responsibilities of psychologists, and professional registration requirements

assessment: videotaped demonstrations of clinical skills acquisition, workshop presentation

PSYCHOL 7108

Psychological Assessment

2 units semester 1

3 hours per week

eligibility: Master of Psychology (Clinical) students, or permission of Head of Department

This course aims to introduce students to the principles of assessment by focusing on a number of widely used norm-referenced psychological tests

assessment: two assignments based on practical exercises

PSYCHOL 7109

Psychological and Health Aspects of Ageing

2 units semester 2

3 hours per week

eligibility: Master of Psychology (Clinical) students, or permission of Head of Department

This course examines psychological and health aspects of ageing. It covers normal/healthy ageing as well as providing an overview of research, assessment and intervention strategies in a number of areas of concern to clinical practice. Material is presented within a framework that emphasises the interplay between biological, psychological and social factors on aspects of functioning.

assessment: two assignments

PSYCHOL 7110

Rehabilitation and Disability

2 units semester 2

3 hours per week

eligibility: Master of Psychology (Clinical) students, or permission of Head of Department

This course examines the historical development of concepts relevant to rehabilitation such as normalisation, deinstitutionalisation, least restrictive alternatives and quality of life. Research and current issues in the application of these concepts are discussed. Basic assessment, programming, training, behaviour management and evaluation techniques and procedures are introduced, together with exercises in their use. Similarities and differences between the rehabilitation of different kinds of disabilities are also examined.

assessment: assessment and training exercises, group projects which will require students to write an account of current issues in one particular type of disability considered in the course

PSYCHOL 7111

Master of Psychology (Clinical) Placement I

4 units semester 1 or 2

18 hours per week

eligibility: Master of Psychology (Clinical) students only

prerequisite: PSYCHOL 7101 Adult Clinical Psychology, PSYCHOL 7107 Preparation for Psychological Practice I, PSYCHOL 7108 Psychological Assessment or equivalent

Placements are arranged within approved agencies in South Australia, which will reflect the requirements of the SA Psychological Board and the APS College of Clinical Psychologists. Students will be required to gain a broad experience of clinical psychology in such areas as the psychological assessment and management of children, and adults with special needs due to a mental disorder, intellectual disability, acquired brain injury, or other health-related condition.

assessment: contract agreed to by field placement supervisor, student and university placement supervisor

PSYCHOL 7112

Master of Psychology (Clinical) Placement II

4 units semester 1 or 2

18.5 hours per week

eligibility: Master of Psychology (Clinical) students only

prerequisite: PSYCHOL 7107 Preparation for Psychological Practice 1 and PSYCHOL 7108 Psychological Assessment or equivalent

Placements are arranged within approved agencies in South Australia which will reflect the requirements of the SA Psychological Board and the APS College of Clinical Psychologists. Students will be required to gain a broad experience of clinical psychology in such areas as the psychological assessment and management of children, and adults with special needs due to a mental disorder, intellectual disability, acquired brain injury, or other health-related condition.

assessment: contract agreed to by field placement supervisor, student and university placement supervisor

PSYCHOL 7113

Master of Psychology (Clinical) Placement III

4 units semester 1 or 2

18.5 hours per week

eligibility: Master of Psychology (Clinical) students only

prerequisite: PSYCHOL 7107 Preparation for Psychological Practice 1, PSYCHOL 7108 Psychological Assessment or equivalent

Placements are arranged within approved agencies in South Australia which will reflect the requirements of the SA Psychological Board and the APS College of Clinical Psychologists. Students will be required to gain a broad experience of clinical psychology in such areas as the psychological assessment and management of children, and adults with special needs due to a mental disorder, intellectual disability, acquired brain injury, or other health-related condition.

assessment: contract agreed to by field placement supervisor, student and university placement supervisor

PSYCHOL 7114

Research Project in Clinical Psychology A

7 units semester 1 or 2

contact hours to be arranged with supervisor

eligibility: Master of Psychology (Clinical) students only

prerequisite: PSYCHOL 7102 Applied Methodology or equivalent, first year of Master of Psychology (Clinical)

This is an empirically-based research project on a topic of relevance to clinical psychology to be pursued under the guidance of one or more supervisors (at least one of whom shall be a member of the Psychology Department). The project should be structured so that the students participate in all of the steps involved in the research, including the formulation of the research question(s), the design of the study including the selection of appropriate methodology, the collection and analysis of data, the interpretation of the findings, and the preparation of the report.

assessment: dissertation examined as specified by Academic Program Rule 3 of the Degree - students must complete Research Project in Clinical Psychology A and B to fulfil the requirements of the research project

PSYCHOL 7115

Research Project in Clinical Psychology B

7 units semester 1 or 2

contact hours to be arranged with supervisor

eligibility: Master of Psychology (Clinical) students only

prerequisites: PSYCHOL 7102 Applied Methodology or equivalent and first year of Master of Psychology (Clinical)

This is an empirically-based research project on a topic of relevance to clinical psychology to be pursued under the guidance of one or more supervisors (at least one of whom shall be a member of the Psychology Department). The project should be structured so that the students participate in all of the steps involved in the research, including the formulation of the research question(s), the design of the study including the selection of appropriate methodology, the collection and analysis of data, the interpretation of the findings, and the preparation of the report.

assessment: dissertation examined as specified by Academic Program Rule 3 of the Degree - students must complete Research Project in Clinical Psychology A and B to fulfil the requirements of the research project

PSYCHOL 7201

Applied Methodology and Statistics

2 units semester 1

eligibility: Master of Psychology (Organisational and Human Factors) students, or permission of Head of Department

This course will provide students with the knowledge to undertake qualitative, survey, quasi-experimental and experimental research in applied settings. Using numerous examples drawn from psychology, economics, and other allied disciplines, the course will provide a comprehensive coverage in survey methods, data-collection strategies, sampling theory, and specific parametric and non-parametric techniques ideal for analysis in human factors research.

assessment: 2 written assignments, statistical exercise

PSYCHOL 7202

Applied Perceptual and Cognitive Psychology

2 units semester 1

3 hours per week

eligibility: Master of Psychology (Organisational and Human Factors) students, or permission of Head of Department

This course aims to examine models of human perception and cognition in their application to a variety of real-world problems. It is concerned with the measurement and understanding of perceptual and cognitive performance, the assessment and interpretation of confidence, and some properties and practical implications of theories of memory, learning and skill retention, problem solving, and human pattern recognition abilities. Throughout the course, emphasis will be given to applications, such as the measurement of perceptual thresholds, image recognition, target detection, the design of displays for the graphical representation of complex data, and the practical assessment of human cognitive capabilities.

assessment: two assignments

PSYCHOL 7203

Consumer Psychology

2 units semester 2

eligibility: Master of Psychology (Organisational and Human Factors) students, or permission of Head of Department

This course aims to consider the contribution of psychology to the study of economic behaviour. In the first part of the course, students will be introduced to the basic principles of micro-economic theory, including: normative decision-making theory; the laws of demand and supply; axioms of consumer behaviour; consumer surplus; risk-aversion and demand elasticities. The second part of the course will provide an overview of basic marketing principles and their applications. These theories and assumptions about human behaviour will be critically evaluated using psychological principles derived from several areas of psychology, including decision theory, learning theory and social psychology.

assessment: 2 written assignments

PSYCHOL 7204

Decision Making in Real Environments

2 units semester 2

eligibility: Master of Psychology (Organisational and Human Factors) students. or permission of Head of Department

This course aims to examine models of human decision making in their application to a variety of real-world problems. It will develop an understanding of the way in which people make decisions in a variety of real-world situations. It will describe and critically evaluate a number of competing models of human decision making. Particular emphasis will be given to those models that consider the role that heuristics (rules-of-thumb) play in decision making, and to models that consider the way in which the environment guides decision making. Throughout the course, applications of the decision making models to real-world problems will highlighted, including examples drawn from the domains of fire-fighting, human-computer interaction, and military decision making.

assessment: one assignment

PSYCHOL 7205

Environmental Psychology

2 units not offered in 2004

eligibility: Master of Psychology (Organisational and Human Factors) students, or permission of Head of Department

This course aims to provide students with an understanding of major areas of research into human interactions with their environment. Topics will include environmental perception and cognition, environmental stressors, environmental aesthetics, restorative effects of environments, wayfinding, and personal space and territoriality.

assessment: two written assignments

PSYCHOL 7206

Human Factors/Ergonomics

2 units semester 1

3 hours per week

eligibility: Master of Psychology (Organisational and Human Factors) students,. or permission of Head of Department

This course aims to provide an understanding of major areas of human factors, such as physical and psychological capabilities and limitations, and how applying human factors can optimise performance in a range of situations. It addresses how technology and instructional and control systems can be shaped to benefit human performance and includes information on how the human body works, how information is processed. Specific topics include the effects of ambient conditions, stimulus-response compatibility in a range of practical situations, human error, and accidents.

assessment: two written assignments

PSYCHOL 7207

Human Resource Management

2 units semester 2

eligibility: Master of Psychology (Organisational and Human Factors) students only, or permission of Head of Department

This course examines how an organisation can maximise its returns from its workforce, and employees can maximise their returns from their work. It involves understanding all aspects of the management of people at work, including: planning, job analysis, recruitment and selection, training and development, performance management, remuneration and benefits, career development, and dealing with redundancies and retirement. The course will consider these issues as well as the implications of emerging organisational challenges for human resource management practices. These challenges include: the increasing use of contract staff and outsourcing; harnessing and sustaining organisational commitment; developing organisational cultures that are responsive to change; diversity in the workplace;

harnessing innovation and knowledge management; globalisation of industry; and changing workplace practices.

assessment: individual assignment, group assignment

PSYCHOL 7208

Individual and Organisational Change and Development

2 units semester 2

3 hours per week

eligibility: Master of Psychology (Organisational and Human Factors) students, or permission of Head of Department

This course aims to provide knowledge of, and skills in using, behaviour management, skill training and adult learning techniques in organisations; an historical perspective on, and current issues concerning, change in organisations; knowledge of important factors associated with resistance to, and acceptance of, organisational change; an understanding of models of organisational change and the roles that organisational culture and leadership play in organisational change; and an understanding of organisational change processes, including planning, implementing and evaluation. Topics will include application of behaviour management and skill training principles in organisations; social skills training principles, practice and application; adult learning principles, practice and application; organisational change; organisational culture; and leadership.

assessment: 2 case studies 30% each, group exercise 40%

PSYCHOL 7209

Organisational Behaviour and Management

2 units semester 1

eligibility: Master of Psychology (Organisational and Human Factors) students, or permission of Head of Department

This course aims to provide students with an understanding of the factors that impact upon the behaviour of the individual in the workplace and how these same factors can be used to structure a work environment and work experience that enhances both organisational and individual outcomes. It includes a consideration of values and attitudes, perception, motivation, and personality. It also analyses interpersonal influences that impact upon group behaviour in the work setting. Topics covered include communication, decision-making, constructing work teams, leadership, issues in power and politics, and conflict resolution. In addition, it examines the influence of broader, organisation-wide factors on behaviour in the workplace, with a specific focus on "person-organisation fit". Topics covered in this section will include organisational structure and work design, organisational culture and workplace stress.

assessment: 2 case studies 30% each, critical review 40%

PSYCHOL 7210

Professional and and Ethical Practice

2 units semester 1

eligibility: Master of Psychology (Organisational and Human Factors) students, or permission of Head of Department

This course aims to familiarise students with the requirements of relevant professional and research organisations, and to make students aware of the values and thinking that underlie those requirements. It aims to develop students' sensitivity to ethical issues as these arise in the course of professional practice and research, and to develop appreciation of the complexity of problems that attend the practical application of ethical standards. The course will also briefly cover the topics of communication and interviewing.

assessment: exercise in communication, exercise in interviewing.

PSYCHOL 7211

Psychological Assessment: Recruitment and Personnel Appraisal

2 units semester 1

3 hours per week

eligibility: Master of Psychology (Organisational and Human Factors) students, or permission of Head of Department

This course aims to introduce students to the principles of assessment by focussing on tests and procedures used in organisational settings. On completion of the course, students will be able to demonstrate an understanding of psychological

assessment; an ability to score a test and draw inferences from the results in an hypothesis-generating and hypothesis testing framework appropriate to an organisational setting; and an ability to write a report of professional standard.

assessment: two small and one large practical exercise, to be completed outside of class times

PSYCHOL 7221
Master of Psychology (Organisational and Human Factors) Placement I

4 units semester 1 or 2

contact hours to be arranged with supervisor

eligibility: Master of Psychology (Organisational and Human Factors) students only

prerequisite: PSYCHOL 7210 Professional and Ethical Practice

Placements are arranged within approved agencies in South Australia, to reflect the requirements of the SA Psychological Board and the Australian Psychological Society (APS) College of Organisational Psychologists. For further information, see the Program Handbook or the Psychology Department web site.

assessment: terms of contract agreed to by field placement supervisor, student and university placement supervisor

PSYCHOL 7222
Master of Psychology (Organisational and Human Factors) Placement II

4 units semester 1 or 2

contact hours to be arranged with supervisor

eligibility: Master of Psychology (Organisational and Human Factors) students only

prerequisite: PSYCHOL 7210 Professional and Ethical Practice

Placements are arranged within approved agencies in South Australia, to reflect the requirements of the SA Psychological Board and the Australian Psychological Society (APS) College of Organisational Psychologists. For further information, see the Program Handbook or the Psychology Department web site.

assessment: terms of contract agreed to by field placement supervisor, student and university placement supervisor

PSYCHOL 7223
Master of Psychology (Organisational and Human Factors) Placement III

4 units semester 1 or 2

contact hours to be arranged with supervisor

eligibility: Master of Psychology (Organisational and Human Factors) students only

prerequisite: PSYCHOL 7210 Professional and Ethical Practice

Placements are arranged within approved agencies in South Australia, to reflect the requirements of the SA Psychological Board and the Australian Psychological Society (APS) College of Organisational Psychologists. For further information, see the Program Handbook or the Psychology Department web site.

assessment: terms of contract agreed to by field placement supervisor, student and university placement supervisor

PSYCHOL 7225
Master of Psychology (Organisational and Human Factors) Research Project A

7 units semester 1 or 2

contact hours to be arranged with supervisor

eligibility: Master of Psychology (Organisational and Human Factors) students only

prerequisite: PSYCHOL 7201 Applied Methodology and Statistics

This is an empirically-based research project on a topic of relevance to Organisational Psychology or Human Factors, pursued under the guidance of one or more supervisors (at least one of whom shall be a member of the Psychology Department). The project should be structured so that students participate in all of the steps involved in the research, including the formulation of the research question(s), the design of the study including the selection of appropriate methodology, the collection and analysis of data, the interpretation of the findings, and preparation of the report in the form of a publishable article.

assessment: dissertation examined as specified by Academic Program Rule 3 of the Degree - students must complete Research Project in Organisational and Human Factors A and B to fulfil the requirements of the research project

PSYCHOL 7226
Master of Psychology (Organisational and Human Factors) Research Project B

7 units semester 1 or 2

contact hours to be arranged with supervisor

eligibility: Master of Psychology (Organisational and Human Factors) students only

prerequisite: PSYCHOL 7201 Applied Methodology and Statistics

This is an empirically-based research project on a topic of relevance to Organisational Psychology or Human Factors, pursued under the guidance of one or more supervisors (at least one of whom shall be a member of the Psychology Department). The project should be structured so that students participate in all of the steps involved in

the research, including the formulation of the research question(s), the design of the study including the selection of appropriate methodology, the collection and analysis of data, the interpretation of the findings, and preparation of the report in the form of a publishable article.

assessment: dissertation examined as specified by Academic Program Rule 3 of the Degree - students must complete Research Project in Organisational and Human Factors A and B to fulfill the requirements of the research project

PUBLIC HEALTH

PUB HLTH 7014HO

Occupational and Environmental Health Studies

3 units semester 1 or 2

eligibility: Grad. Cert, Grad. Dip. and Master of Occupational Health and Safety students

This subject is an agreed program of study, negotiated between the student and the MOHS course coordinator. A variety of subjects may be considered from the fields of occupational, environmental or public health subjects, offered at either the University of Adelaide or the University of South Australia (including the two-week intensive National Short Course in Environmental Health.

assessment: to be advised

PUB HLTH 7100HO

Foundations of Public Health

3 units summer semester

eligibility: Grad. Cert, Grad. Dip. and Master of Public Health students

This course aims to provide students with a basic understanding of the core concepts in public health. It will begin with an exploration of what is meant by health itself, and how the health of a population can be measured. Then the main types and experiences of disease in the Australian population (and elsewhere) will be considered. This will lead to an analysis of the multifactorial causation of ill health and premature death in populations. After that, the implications for health and related services will be investigated, with an emphasis on prevention and community participation. No prior specialist knowledge of public health will be assumed.

assessment: to be advised

PUB HLTH 7101HO

Introduction to Epidemiology and Biostatistics

3 units semester 1

eligibility: Grad. Cert, Grad. Dip. and Master of Public Health students

This course deals with epidemiological and statistical concepts and terminology, basic analytic techniques and research designs. It does not aim to train specialist epidemiologists or biostatisticians; instead the purpose is to give those interested or working in public health an introduction to these disciplines. Some basic numeracy skills will be required.

By the end of the course, students should grasp basic concepts in epidemiology and statistics; have an understanding of quantitative research strategies; begin to critically assess literature in the public health domain which employs epidemiological and statistical methods; understand the uses that are made of epidemiological information in public health; understand the role of epidemiology in surveillance of the health status of populations; and appreciate the use of statistics in making decisions in the face of uncertainty.

assessment: to be advised

PUB HLTH 7102HO

Public Health Policy

3 units semester 1

eligibility: Grad. Cert, Grad. Dip. and Master of Public Health students

This course aims to help students analyse the public health domain with skills formed by the traditions of sociology, politics and economic history. It aims to develop a critical, historically informed attitude toward the acquisition of knowledge and the evaluation of evidence about health institutions and their roles. Attention is also given to the broad social and political context in which health policy is formed and implemented, and to the value assumptions implicit in policy. This analytical approach is applied in a number of case studies of current issues in public health policy.

assessment: to be advised

PUB HLTH 7103HO

Aboriginal Health Policy

3 units semester 2 (mid-semester break)

eligibility: Grad. Cert, Grad. Dip. and Master of Public Health students

This subject offers students the opportunity to analyse current public policy affecting the health of Aboriginal Australians. It uses historical and political analysis, and comparative studies of other indigenous populations, to provide a context for reflection on current Aboriginal health status and health needs. The subject provides opportunities for students to explore a wide range of Aboriginal health programs and issues, through an intensive and multi-disciplinary teaching program and individual research.

assessment: to be advised

PUB HLTH 7104HO

Biostatistics

3 units semester 2

eligibility: Grad. Cert, Grad. Dip. and Master of Public Health students

prerequisite: PUB HLTH 7101HO, Introduction to Epidemiology and Biostatistics at credit level or above

This course is designed to suit students requiring a high degree of self-sufficiency in the collection, analysis and interpretation of data. The topics will include a selection from: survey sampling methods, non-parametric statistical methods, linear models, analysis of case-control studies, generalised linear models and poisson regression, and survival analysis. A central feature of the course will be instruction in the use of statistical packages on computers. Emphasis will be placed on data management and manipulation, practical application of statistical skills to real data sets and interpretation of results.

assessment: to be advised

PUB HLTH 7105HO

Diseases of Occupation

3 units semester 1

eligibility: Grad. Cert, Grad. Dip, & Master of Public Health/ Occupational Health and Safety Management students

This course offers a broad introduction to occupational health and safety. It will address the relationships between work, work processes and work exposures, and the occurrence of disease and injury. The nature, extent and distribution of work-related death, disease and injury will be considered, with special emphasis on the Australian environment. An important aim is to encourage a critical attitude towards health and safety issues, so that students will learn to evaluate problems and formulate appropriate preventive measures on the basis of scientific principles. The elective includes some industrial visits.

assessment: assignments

PUB HLTH 7106HO

Epidemiological Research Methods

3 units semester 2

eligibility: Grad Cert, Grad Dip and Master of Public Health students

prerequisite: 7101HO Introduction to Epidemiology and Biostatistics at credit level or above

This course concentrates on conceptual and practical issues encountered by students in the design and implementation of epidemiological research. Students will be required to develop and present a research protocol for class discussion and critique a fellow student's protocol. Theoretical material as it relates to carrying out such research will include the definition and control of bias and confounding in observational studies, interaction, modern interpretations of case control studies, meta-analysis, clinical epidemiology, descriptive epidemiology, modern epidemiology theory and screening. Common pitfalls in epidemiological and statistical reasoning are examined, and attention is paid to research design, proposal writing, data presentation, and critical reading of the research literature. Students are introduced to electronic information resources in epidemiology (listservs, world wide web sites) . The course is designed to present students with an up-to-date view of epidemiological research methods.

assessment: to be advised

PUB HLTH 7107HO

Epidemiology of Infectious Diseases

3 units semester 2

eligibility: Grad. Cert, Grad. Dip. and Master of Public Health students

The aim of this elective course is to provide a grounding in communicable disease epidemiology of use to students of public health. It assumes no prior specialist knowledge.

An ecosystem approach will be taken to this course. Thus a concentration on sick humans and aspects of their disease is inappropriate. The students will be urged to view infectious disease as a visible manifestation of an ecological problem and to dissect out the agent, host and environmental factors that lead to such phenomena. Such an approach in turn is the basis for the design of feasible public health interventions.

assessment: presentation 50%, production of an informative handout for class 50%

PUB HLTH 7109HO

Health Promotion

3 units semester 1

eligibility: Grad. Cert, Grad. Dip. and Master of Public Health students

By focusing on the processes that help communities and individuals maintain and improve wellbeing, this course helps students understand the holistic nature of health promotion, of which disease prevention is but one of several components. The course consists of three sections. The first defines the concept, framework and scope of health promotion. The second discusses theories underpinning the practice of health promotion in the areas of community development, behaviour change, healthy public policy, environmental improvement, and reorientation of health care services. The third illustrates the application of health promotion strategies to specific groups, and points to the relevance of site-specific interventions.

assessment: to be advised

PUB HLTH 7111HO

Industrial Toxicology

3 units semester 1

eligibility: Grad. Cert, Grad. Dip. and Master of Public Health students

This course reviews concepts in chemical toxicology which constitute a rational basis for the setting of chemical exposure standards. It includes an overview of the principles of toxicology; biological processes such as toxicant absorption, distribution, metabolism and excretion; the use of toxicity tests and other data to characterise a chemical's toxic effects with specific emphasis on carcinogenicity, mutagenicity, neurotoxicity and developmental toxicity; and the problem of estimating risk.

assessment: to be advised

PUB HLTH 7113HO

Environmental and Occupational Health

3 units semester 1

eligibility: Grad. Cert, Grad. Dip. and Master of Public Health students

This course will introduce the stalwarts of environmental health, namely water quality and its pollution, food quality and air quality. There will also be some consideration of an important contemporary concern in environmental health: the pressures of rising population numbers and the ecological consequences of trying to ensure adequate food supplies. In the context of ambient and occupational exposure, we will examine occupational cancers and radiation. There will be some consideration of how the changes in human ecology influence the emergence of new infectious diseases and the re-emergence of old diseases. Local environmental health issues will be considered as examples of global environmental health problems.

The course will include consideration of occupational diseases. Exposure to some environmental factors causing disease is sometimes most intense in workplaces. For example, asbestos exposure is heaviest in people who mine asbestos, and those who manufacture, use and remove asbestos-containing materials. A study of the relationship between occupational exposure and disease is therefore important in understanding the factors causing disease in the general environment.

assessment: to be advised

PUB HLTH 7114HO

National Short Course Environmental Health

3 units semester 2

Intensive course held over 5 days in December

eligibility: Grad. Cert, Grad. Dip. and Master of Occupational Health and Safety students

The course will focus primarily on the process of identifying, quantifying, evaluating and managing the health effects of population exposures to various environmental contaminants and other factors. "Risk" will provide the framework, including hazard identification, risk assessment, risk management and risk communication. To address the potential hazards of ambient environmental exposures, various public health disciplines are needed: epidemiology to help identify hazards and quantify risk; toxicology to provide collaborative quantitative experiment data on biological effects of hazardous agents and understand the toxic process; environmental sciences to measure exposure; and various policy analysis-related disciplines (eg. environmental law, sociology, health economics) to appraise and manage risk. The course will illustrate the role of these disciplines in the investigation and management of environmental health problems. Viewed broadly, the study of environmental health encompasses urban design, transport noise management, and traditional public health issues in relation to human populations. It also encompasses macro problems such as climate change, ozone depletion and land degradation. These 'macro' topics will be briefly addressed but not systematically developed. As a result of attending this course, students will a) understand selected relationships between the environment and human health and b) be able to apply this information to develop risk assessment and risk management strategies.

assessment: to be advised

PUB HLTH 7117HO

Public Health Policy and Ageing

3 units semester 1(mid-semester break)

30-hour intensive course

eligibility: Grad. Cert, Grad. Dip. and Master of Public Health students

This is not a course about how to run aged care agencies but does ask what are the implications for public health of an ageing population in Australia. It presumes that public health is about general patterns of health and disease and about methods for maintaining health in the face of ageing and disease. It inspects current answers to those questions about demography, epidemiology and biology and it suggests that political and policy questions, about how we conduct ourselves as carers for / workers with / fellow citizens of ageing Australians, need careful responses, as well.

assessment: case presentation, approx. four weeks after the course

PUB HLTH 7118HO

Public Health Studies

3 units semester 1 or 2

eligibility: Grad. Cert, Grad. Dip. and Master of Public Health students

This course, which is offered in response to specific requests, enables students to develop an individualised reading course with an

academic staff member in a field of significant public interest. It is not a specific preparation for thesis work. The details of the course are arranged by negotiation between individual students and appropriate teachers within the department, although cooperative arrangements may be organised with other departments or public health agencies. A written plan of study will be developed in consultation with a staff member, including the criteria for formal assessment which may include a seminar presentation. This plan should be submitted to the Convenor of the Board of Studies.

assessment: to be advised

PUB HLTH 7119HO
MPH Dissertation (Full-time)

12 units semester 1 or 2

eligibility: Master of Public Health students

prerequisite: completion of MPH coursework

The dissertation is the final requirement of the MPH and should therefore reflect what the student has learned from the core and elective course work of the degree program. Unless exempted by the Board of Studies*, the dissertation will take the form of a paper suitable for submission to an appropriate peer reviewed journal. The content of this paper must reflect the research topic. The successful completion of this paper fulfils the requirements for a dissertation.

assessment: dissertation

* exemptions will be rare but may be necessary in some circumstances to avoid significant disadvantage to a particular student

PUB HLTH 7120HO
MPH Dissertation (Part-time)

6 units semester 1 or 2

eligibility: Master of Public Health students

prerequisite: completion of MPH coursework

The dissertation is the final requirement of the MPH and should therefore reflect what the student has learned from the core and elective course work of the degree program. Unless exempted by the Board of Studies*, the dissertation will take the form of a paper suitable for submission to an appropriate peer reviewed journal. The content of this paper must reflect the research topic. The successful completion of this paper fulfils the requirements for a dissertation.

assessment: dissertation

* exemptions will be rare but may be necessary in some circumstances to avoid significant disadvantage to a particular student

PUB HLTH 7121HO
Health Program Evaluation

3 units semester 2

eligibility: Grad. Cert, Grad. Dip. and Master of Public Health students

This course will consider relevant questions to ask of the performance of a health program, and methods by which these questions may be investigated. The differing standpoints to the consumer, the health service provider and the policy maker will be identified. Methods covered will include needs assessment, process evaluation and outcome evaluation. Both quantitative and qualitative approaches will be considered. There will be a practical exercise in which participants will design an evaluation of health program with which they are familiar.

assessment: to be advised

PUB HLTH 7123HO
Rural Public Health

3 units semester 2 (July mid-year break)

one week intensive course in Whyalla

eligibility: Grad. Cert, Grad. Dip. and Master of Public Health students

This course is taught by a multi-disciplinary team undertaking research on rural and remote health. It builds on the knowledge and skills gained in previous public health subjects to: examine patterns of morbidity and mortality in rural and remote areas, explore and analyse the determinants of health and illness in such settings, understand issues related to service provision and utilisation in rural and remote locations, and analyse how regional health and other service providers apply State and Federal health policy in local settings.

Specific topics include: rural health policy, rural health care planning, understanding the strengths and weaknesses of geographical classification systems, examining the concept of 'community' in understanding rural health, primary health care in non-metropolitan settings, Indigenous health, and issues in providing appropriate and accessible services.

assessment: assignments, tutorial and workshop participation.

PUB HLTH 7124HO
Population Health for Clinicians A

3 units semester 1 or 2

eligibility: Grad. Cert, Grad. Dip. and Master of Public Health students

This course is designed to engage general medical practitioners and other health workers in population health issues and to encourage them to apply population health insights, skills and tools to their clinical practice. The course is currently available through paper-based distance education methods and also by online delivery on the World Wide Web, and may be made available on-campus. Students

may select any two modules from: cardiovascular disease, cancer, chronic and complex diseases, diabetes, health promoting medical practices, or mental health.

assessment: to be advised

PUB HLTH 7125HO

Population. Health for Clinicians B

3 units semester 1 or 2

eligibility: Grad. Cert, Grad. Dip. and Master of Public Health students

This course has similar aims and modes of delivery to those of Population Health for Clinicians A. Subject to the approval of the program coordinator, students may select a further two modules from the list for that course. Current issues in public policy, such as competition policy reform and privatisation are also considered.

assessment: to be advised

PUB HLTH 7126HO

Qualitative Research in Practice

3 units semester 2

eligibility: Grad. Cert, Grad. Dip. and Master of Public Health students

Qualitative research is central to current public health practice. This applied course will provide students with an introduction to the theory and process of qualitative research methods. Students will develop the skills to recognise and reflect on the strengths and limitations of different research methodologies, understand the links between theory and practice, critically assess research, and address ethical and practical issues. The course takes a step-by-step approach to the design and implementation of qualitative research and includes: formulating a research question; writing research and ethics proposals; conducting interviews, participant observation, focus groups, textual and media analysis; managing data (computer assisted); analysing data; and writing and presenting findings.

assessment: may include tutorial presentations, group projects, essay and critical review of published research

PUB HLTH 7130HO

Occupational Hygiene and Ergonomics

3 units semester 2

eligibility: Grad. Cert, Grad. Dip, Master of Occupational Health and Safety Management students

This course is an introduction to practical occupational hygiene and ergonomics. There is broad coverage of chemical and physical hazards and of technologies for evaluation and control. Topics include their noise, vibration, thermal stress, shift work, biohazards and toxic chemicals. There will be discussion of exposure standards and the interpretation of hygiene data. There will also be an overview of ergonomics, including consideration of workstation and process design; displays and information systems; biomechanics; anthropometry; and psychological aspects.

assessment: written exam, exercises and assignments

PUB HLTH 7131HO

Occupational Safety and Statistics

3 units semester 2

eligibility: Grad. Cert, Grad. Dip, Master of Occupational Health and Safety Management students

This course develops participants knowledge and skills in relation to three important components of OHS management. These are the investigation and analysis of factors contributing to incidents and accidents; the application of a risk management process to the recognition and control of plant safety risks; and the use and interpretation of data relating to occupational injury, disease and hazardous exposures.

assessment: to be advised at start of semester

PUB HLTH 7132HO

OHS Management and Law

3 units semester 1

eligibility: Grad. Cert, Grad. Dip, Master of Occupational Health and Safety Management students

Historical perspective on socio-legal issues in occupational health and safety; the British factory legislation; Robens Report and other key influences. The Constitutional, common law, statute law and administrative framework for OH&S. Introduction to injury causation; hazard identification, risk assessment and control. Principles and systems for OH&S management.

assessment: to be advised at start of semester

PUB HLTH 7134HO

Advanced Occupational Hygiene

3 units semester 1 or 2

eligibility: Grad. Cert, Grad. Dip, Master of Occupational Health and Safety Management students

This elective course deals with advanced topics in the areas of hazard evaluation and control. There will be practical coverage of industrial ventilation, confined space operations, noise propagation and control, chemical exposure measurement and laboratory analytical methods. The course includes field visits to illustrate environmental monitoring and control technologies.

assessment: to be advised at start of semester

PUB HLTH 7135HO

Advanced OHS Management

3 units semester 2

eligibility: Grad. Cert, Grad. Dip, Master of Occupational Health and Safety Management students

Identification of symptoms of malfunction in OHS systems; formulating change objectives and strategies for change; structural and behavioural implications in achieving change; implementing and monitoring an OHS change strategy; the nexus with OHS management, quality and productivity initiatives in program implementation.

assessment: to be advised at start of semester

PUB HLTH 7136HO

Occupational Safety

3 units semester 1

eligibility: Grad. Cert, Grad. Dip, Master of Occupational Health and Safety Management students

For each of the specific hazards of fire and explosion, dangerous goods, electricity and confined spaces the following will be covered: basic concepts, definitions, terminology, nature of hazards; relevant legislation and standards; prevention and control measures; emergency planning and response. Specific high industry cases studies (including mining, construction, farming).

assessment: to be advised at start of semester

PUB HLTH 7137HO

Occupational Toxicology

3 units semester 1 or 2

eligibility: Grad. Cert, Grad. Dip, Master of Occupational Health and Safety Management students

This course will review concepts in chemical toxicology which constitute a rational basis for the setting of chemical exposure standards. It will include an overview of the principles of toxicology, toxicity testing and risk assessment. Examples will be drawn from typical industrial exposure situations.

assessment: to be advised at start of semester

PUB HLTH 7138HO

OHS Management and Law

3 units semester 2

eligibility: Grad. Cert, Grad. Dip, Master of Occupational Health and Safety Management students

This course will cover OH&S and relevant employment relations legislation. It will explore legal relationships in OH&S including employer/employee; principal/contractor, and supplier/purchaser. It will also address the enforcement pyramid and legal proceedings, OH&S management systems, their elements and their implementation, international and Australian quality standards and their nexus with OH&S.

assessment: to be advised at start of semester

PUB HLTH 7139HO

OHS Research Methods

3 units semester 1

lecture, 1 tutorial per week

eligibility: Master of Occupational Health and Safety Management students

This course aims to give an introduction to research methods in OHS, focusing on the application of epidemiology and biostatistics. At the completion of the course the student should be able to understand the applicability of epidemiology to occupational health; grasp basic concepts; have a basic understanding of research strategies and be able to identify the appropriate research designs for a particular research question; and be able to appraise critically the occupational health literature which uses epidemiological techniques.

assessment: to be advised at start of semester

PUB HLTH 7140HO

OHSM Dissertation

6 units semester 1 or 2

eligibility: Grad. Dip, Master of Occupational Health and Safety Management students

The dissertation is an analysis or critical study of an occupational health and safety question. It would normally be based on information collected specifically for this study, although this is not an essential requirement. The dissertation provides students with an opportunity to consider an issue or problem in detail. No minimum length is prescribed, but as a general guide a length of 10-15,000 words might be expected.

A regular series of seminars will be held, at which students will present their research plans or progress.

assessment: examination of written work

PUB HLTH 7141HO

Practical Occupational Health

3 units semester 2

eligibility: Grad. Cert, Grad. Dip, Master of Occupational Health and Safety students

This course develops participants skills and knowledge to anticipate, identify and control specific health hazards. Relevant ethical issues, health surveillance, systems for management of work-caused

disability and the scope and function of occupational health services are also addressed.

assessment: to be advised at start of semester

PUB HLTH 7142HO
OHS Research Thesis

12 units semester 1 or 2

prerequisite: PUB HLTH 7139HO OHS Research Methods

The thesis should constitute a piece of original research, aiming to test a hypothesis, or to analyse a proposition or concept. This may entail collection of original information, or fresh examination of information collected previously for some other purpose. It should include a thorough literature review, an appropriate methodology, and display a critical approach to the topic. The implications for future research and/or OHS policy should be discussed. A regular series of seminars will be held, at which students will present their research plans and/or progress.

assessment: thesis

SOIL & WATER

SOIL&WAT 7002WT
Soil Management and Conservation

3 units semester 1

2 lectures, 4 hours practical work (or equiv.) a week

prerequisite: SOIL&WAT 2005WT Soil Resources

This course covers topics important to students of agriculture, horticulture, environmental science and natural resource management. Degradative processes which pose the greatest threats to the soil resources of Australia are examined and their avoidance, management and amelioration are discussed. These processes include: erosion of soil by water and wind, water repellence, irrigation and dryland salinity, induced soil acidity, soil structure decline and sodicity. Other issues addressed are soil conservation legislation and land capability. Practical work will consist of laboratory exercises, field excursions and other exercises related to the above topics.

assessment: exam, practical reports, other assignments

SOIL&WAT 7003WT
Topics in Soil and Land Systems

3 units semester 1 or 2

24 lectures or equivalent; associated practical work

prerequisite: appropriate degree in Science, Agricultural Science or Environmental Science

This course may be offered from time to time as a means of examining current topics in soil science, soil management and land evaluation that are related to the research and teaching interests of staff and visiting scientists. Candidates should consult the Head of the Discipline for topics currently available.

assessment: to be advised

SOIL&WAT 7005WT
Environmental Toxicology and Remediation

3 units summer semester

prerequisite: credit or higher in PLANT SC 1001RW Chemistry and Introductory Biochemistry A or a pass in CHEM 1000A/B Chemistry I or CHEM 1001A/B Chemistry IANR OR equivalent

restriction: SOIL&WAT 3004WT Environmental Toxicology (4234)

The goals of this course are to provide students with an understanding of the monitoring, fate and risk assessment of contaminants in environmental and biological systems. Classes of contaminants discussed include heavy metals, pesticides, and other water-, soil- and food-borne toxicants. The properties of contaminants which influence their environmental distribution and transformations and the characteristics of the environment which influence contaminant toxicity to organisms are discussed. Students are introduced to the principles of toxicology necessary for an understanding of the environmental consequences of contaminants.

assessment: theory; practicals/assignments

SOIL&WAT 7007WT
GIS for Environmental Management

3 units summer semester

10 days during the summer vacation

assumed knowledge: basic computing skills in the Windows environment

restriction: SOIL&WAT 3014WT GIS for Agricultural Sciences

The course deals with concepts and theory of geographic information systems and their use for environmental mapping, spatial modelling and analysis. Topics covered include the relationship of GIS models to real world perception and map representation, vector and raster systems; spatial modelling; translation of problems into GIS procedures; attribute manipulation and recoding, operations including arithmetic and Boolean overlay, reclassification, proximity and neighbourhood analyses; input of data to GIS; database structures; interpolation of surfaces form point and vector data; applications and case studies. Practical work uses PC-based software to teach basic skills in GIS data entry, analysis and output, emphasising a problem-solving approach through environmental and agricultural GIS case studies.

assessment: practical exercises, case study, written exam

SOIL&WAT 7008WT

Remote Sensing for Environmental and Agricultural Sciences

3 units semester 1

10 days during summer vacation

assumed knowledge: basic computing skills in Windows environment

restriction: GEOLOGY 3010 Remote Sensing (S)

The course deals with use of satellite and airborne imagery for environmental and agricultural applications such as land mapping, site evaluation and monitoring degradation and change. Topics include the interaction of electromagnetic radiation with the earth's surface, spectral characteristics of earth surface materials, the nature of imagery collected by a variety of current earth-observation sensors, the use of this imagery for detecting, mapping and monitoring environmental features, collection of field data to interpret imagery, integration of remote sensing and geographic information systems (GIS) for environmental monitoring and modelling, and specialised forms of imagery such as radar, thermal, airborne video and digital photography. Practicals use computer-based image analysis software to enhance and interpret digital images, produce thematic maps, analyse change over time and combine images and map data. Field-based practicals include the use of spectror radiometers for collecting reflectance data about land cover.

assessment: practical exercises; written exam

SOIL&WAT 7011WT

Ecology & Management of Freshwater Systems III

3 units semester 1

2 lectures, 4 hours laboratory and field practicals per week, computer exercises

assumed knowledge: ENV BIOL 2003 Ecology EBII or APP ECOL 2010RW Population Ecology

The course provides theoretical understanding and practical implications of the ecology and restoration of freshwater lakes, wetlands and streams. Practicals and a field camp will be conducted in order to provide skills for the monitoring, modelling and management of drinking water reservoirs, urban and floodplain wetlands.

assessment: project seminar, assignment, written test

SOIL&WAT 7020WT

Soil Water Management

3 units semester 2

2 lectures, 4 hours practical work (or equivalent) per week

prerequisite: SOIL&WAT 2005WT Soil Resources

This course covers the theory and practice of measuring and managing soil water using commercially available technology. Topics include soil water content and potential, water availability to plants, water movement in unsaturated and saturated soils, soil structure and salt-affected soils. Computers will be used to model infiltration, storage and movement of soil water, and to solve problems. Practical classes will demonstrate important techniques in soil survey for managing soil water in dryland and irrigated situations.

assessment: exam, tutorials, practical reports

SOIL&WAT 7022WT

Topics in Soil and Land Systems B

2 units semester 1 or 2

12 lectures or equivalent and associated practical work. May be presented as intensive short course

prerequisite: appropriate degree in Science, Agricultural Science, environmental Science or equivalent

This course may be offered from time to time as a means of examining current topics in soil and water management and conservation and land evaluation that are related to the research interests of staff and visiting scientists. Candidates should consult the Head of Discipline for topics currently available.

SOIL&WAT 7024WT

Soil Ecology and Nutrient Cycling

3 units semester 1

2 lectures, 4 hours practical work (or equivalent) a week

prerequisite: SOIL&WAT 2005WT Soil Resources

The course will provide students with a comprehensive view of ecological interactions in soils. It deals with the interactions between plants, soil and soil organisms, the roles played by soil organisms in decomposition of organic material, nutrient cycling (C, N, P) and stability of agricultural and natural ecosystems. Other topics include food webs, the importance of soil organisms for soil fertility, mycorrhizas and their effects on plant productivity and plant communities, bio-control and bioremediation, root growth and the biology of the rhizosphere.

assessment: exam, practical reports, presentation of case studies

SOIL&WAT 7025WT

GIS for Agricultural Sciences

3 units semester 2

assumed knowledge: basic computing skills in the Windows environment

restriction: SOIL&WAT 3007WT GIS for Environmental Management; SOIL&WAT 3014WT GIS for Agricultural Sciences

Geographic information systems have become an important tool far beyond the geographic disciplines. Applications in the agricultural sciences range from simple cartographic tools to precision fertilizer applications and growth models. This course gives an overview of the history and the rapid recent development of this technology and gives examples of commercially available state-of-the-art equipment. Hands on computer exercises involve data capture, processing and presentation of results. Special emphasis is placed on precision agriculture and the optimal and timely treatment of spatial variability in agricultural production systems. Students will learn what can be seen from space and airborne remote sensing and how this information can be combined with other sources of information in order to minimise effort and optimise production.

assessment: case study; practical assessments; written exam

STATISTICS

STATS 5000

Descriptive Statistics and Probability

2 units

2 hour lecture, 1 hour discussion/ workshop session, 1 hour computer laboratory per week for 8 weeks

Looking at Data: stemplots, histograms, density curves, bar graphs, sample means, sample standard deviations, summary statistics based on the ordered data, 5 number summaries, boxplots. Exploring Relationships: two categorical variables, quantitative vs categorical, two quantitative variables, time as a variable, scatterplots, correlation, hidden variables, causation and spurious correlations. Producing Data: Different types of data collection - designed experiments, observational studies, sampling. Designed experiments: bias, control, randomisation, replication, blocking. Populations and samples, simple random sampling. Probability: the frequency interpretation, sample spaces, events, probability axioms, conditional probability, the law of total probability. Random variables: discrete random variables and probability functions, continuous random variables and the probability density function, means and variances, linear transformations. The relationship of the mean to the sample mean. The law of large numbers. Probability Distributions: the binomial distribution, the normal distribution, normal quantile plots, the normal approximation to the binomial distribution, sums of independent random variables, the central limit theorem.

assessment: two assignments each 20%; two-hour exam 60%

STATS 5001

Statistical Inference and Regression

2 units

2 hour lecture, 1hour discussion/workshop session, 1 hour computer laboratory per week for 8 weeks

Statistical Inference: inference for a single sample, point estimates, confidence intervals, tests of hypotheses, test statistics and P-values, sample size calculations. Z-test and t-tests. Inference for two samples: paired and unpaired designs. Regression: the linear regression model, the method of least squares, the least squares line, estimation of s2, inference for regression of coefficients, R2, confidence and prediction intervals. Model checking, the residual plot, the normal quantile plot, outliers in regression, transformations. Multiple regression: the multiple regression model, least squares estimates, interpretation of regression coefficients, multiple R, t-tests and F-tests, multicollinearity, confidence and prediction intervals, model checking. Inference for Proportions: a single proportion, comparison of two proportions, 2 x 2 tables, r x s tables, chi-squared tests. Non-parametric Statistics: when to use non-parametric procedures, the runs test, the sign test, the Wilicoxon mathced-pairs signed-ranks test, the Mann-Whitney U test, the Kruskal-Wallis test.

assessment: two assignments each 20%; two-hour exam 60%

STATS 5002

Time Series and Survey Sampling Methods

2 units

2 hour lecture, 1 hour discussion/workshop session, 1 hour computer laboratory per week for 8 weeks

Time series analysis: plotting time series, stationarity, trends, seasonal effects, cycles, jumps in time series. Time series models: Auto-correlation, first order auto-regressive processes for forecasting using multiple regression. Transformations. Exponentially weighted moving average models for forecasting. Quality improvement in business: Definitions of quality assurance and quality improvement. Flow diagrams, cause and effect diagrams, Pareto charts. Stability of processes. Monitoring processes, uses and abuses of performance indicators. Deming cycle. Quality control in business: Shewhart mean and range charts, charts for counts and proportions, CUSUM charts, moving average charts, in the context

of service industries. Sample surveys- Sampling Strategies: Populations and samples, simple random samples, stratified sampling, cluster and mulit-stage sampling, quota sampling, systematic sampling, role of sample size. Sample assessment of likely non-response bias. Sample surveys - case studies.

assessment: two assignments each 20%; two-hour exam 60%

STATS 5003A/B

Project (Professional Certificate in Statistics) Part 1

1 unit

As part of the assessment participants will also work in small groups on a project throughout the duration of the program. This project is intended to be a substantial investigation that takes the participants through the stages of planning, drafting a proposal, obtaining and analysing the data and producing a final report and presentation.

assessment: project proposal 10%, oral presentation 20%, written report: 70%

STATS 6002

Introduction to Mathematical Statistics II

2 units semester 1

2 lectures per week, 1 tutorial and 1 hour practical every fortnight.

prerequisite: one of STATS 1000 Statistical Practice I (Pass Div I), STATS 2004 Laplace Transforms and Probability and Statistical Methods (Pass), APP MTH 2009 Numerical Analysis and Probability and Statistics (Pass), STATS 2001 Statistical Methods (Civil) (Pass); and either MATHS 1007A/B Mathematics I (Pass Div I), or MATHS

2004 Mathematics IIM (Pass Div I) or corequisite of MATHS 2004 Mathematics IIM

This course provides the mathematical and statistical foundation necessary for the further study of statistical modelling and inference. Probability (axiomatic approach): sample spaces, probability measures, counting methods for probability, capture/recapture method, conditional probability, law of total probability, Bayes' Rule, independence. Random variables: the frequency and cumulative distribution functions for discrete random variables, the Bernouilli, binomial, hypergeometric, geometric, negative binomial and Poisson distributions and Poisson processes. The density and cumulative distribution functions for continuous random variables, the uniform, exponential (and relation to Poisson process), gamma and normal distributions, quantiles. Distribution of transformed variables, relationship of uniform to other distributions and simulation. Joint distributions: bivariate discrete and continuous distributions, joint probability density functions, marginal and conditional distributions, independent random variables, multinomial and bivariate normal distributions, sums of correlated random variables; convolutions and some multivariate generalisations. Expected values: expected values of discrete and continuous random variables, expectations of functions of random variables, variance and standard deviation, Chebychev's Inequality, covariance and correlation and moment generating functions. There is a textbook for this course.

assessment: 2 hour exam, exercises, practicals, project work

TRADE

TRADE 5000

International Trade: Negotiations and Agreements

3 units semester 1

3 x 2 day intensive modules

International Trade: Negotiations and Agreements consists of three modules: (a) Trade in the World Economy Areas: an introduction to the global economy and international trade; gains from trade; global and regional agreements and institutions; and social issues and international trade. (b) Trade Agreements and Instruments of Trade Policy: main agreements in the WTO trading system; understanding schedules of concessions in goods, services & agriculture; and, conduct of trade negotiations. (c) The Negotiation of Trade Agreements: regional and bilateral free trade agreements; dispute settlement in WTO and Australia's FTAs; organisation of the Australian government on trade issues; main issues in WTO and FTA negotiations.

assessment: projects at the end of each module, 2000 word project

Note: students taking both TRADE 5000 & 5001 who also successfully complete an extra assessment project of 5000 words will be eligible for the award of Professional Certificate In International Trade

TRADE 5001

International Trade: Strategies and Opportunities

3 units semester 2

3 x 2 day intensive modules

International Trade: Strategies and Opportunities consists of three modules: (a) Opportunities in International Trade: politics of trade negotiations; dealing with unfair competition; new opportunities - China, Chinese Taipei and the WTO; and understanding statistics and other trade information (b) Practical Aspects of International Trade: practical preparations for entering export markets; partnership possibilities in international trade; and, assistance in exporting. (c) Specialisation Module: this is a specialised training module chosen from trade in services & protection of intellectual property rights; contingent trade remedies and customs-related issues; and WTO's 'new issues' such as competition policy, investment, government purchasing and trade facilitation.

assessment: projects at the end of each module, 2000 word project

Note: students taking both TRADE 5000 & 5001 who also successfully complete an extra assessment project of 5000 words will be eligible for the award of Professional Certificate In International Trade

VITICULTURE

VITICULT 7000WT

Viticultural Production B (Oenology)

2 units semester 2

odd years only

available only to repeating students

2 lectures per week

restriction: VITICULT 7023WT Viticultural Production B

Management practices; pests and diseases of grapevines, their recognition and control; propagation; soil management comprising weed control by chemical and non-chemical methods; the response of grapevines to irrigation, principles of irrigation scheduling and

strategic irrigation practices; harvesting and handling methods used for winegrapes; cultural practices employed to produce wine grapes of a particular end-use specification.

assessment: oral and written report, literature review, exam

VITICULT 7001WT

Advances in Viticultural Science

3 units semester 1

3 lectures/tutorials per week (or equival) in research seminars, discussion groups and industry visits

eligibility: postgraduate and Honours students only

Current research in viticultural science will be examined through tutorial-based discussion of seminal research papers and attendance at research seminars. Current problems and challenges in viticulture will be focused upon, which includes water use efficiency, canopy management, irrigation techniques, salinity, flavor development, nutrient use efficiency, and manipulation of vines for fruit quality.

assessment: research paper critiques 50%, essay 25%, student talks 25%

VITICULT 7002WT

Viticultural Science

3 units semester 1

2 lectures per week, 4 hour practical sessions; practical classes are held at the Waite Campus for a full week in the week prior to start of semester 1 and during the semester

Growth and development of the grapevine with particular emphasis on flowering and fruiting. Floral initiation in relation to environmental control and vegetative growth. Grape leaf function in terms of sugar production and water use, related to canopy architecture. Fruit development and ripening, and chemical composition of the grape berry. The morphological and agronomic characteristics of fruiting varieties and rootstocks and their relationship with end-use. Vineyard sampling and yield estimation.

assessment: written exam, on-line exam, practical exam, practical reports, assignments.

VITICULT 7007WT

Viticultural Production A

3 units semester 2

even years only

3 lectures, three hour practical per week - some lectures are replaced by tutorials

restriction: VITICUL 7021WT Viticultural Production, VITICULT 3004WT Viticultural Production A, VITICULT 3021WT Viticultural Production

Principles behind the establishment of a viticultural enterprise comprising site selection, choice of planting material and the design and establishment of the vineyard. Trellising design, pruning principles, practices and mechanisation, and crop harvesting. The relationship between production aspects and the physiology of the vine including phenology and shoot development, effect of node position on fruitfulness, interaction with climate response to pruning, trellising and canopy management. The course includes visits to commercial vineyards.

assessment: exam, assignments, practical reports

VITICULT 7008WT

Grape Industry Practice, Policy and Communication

2 units second half of semester 1

7 hours lectures/seminars/tastings per week

The aims of the course are the development of a mature understanding of wine in society, the refinement of students abilities in written and spoken communication and the provision of a forum for the exchange of information between students and wine industry professionals. Invited speakers explore important issues including occupational health and safety, alcohol awareness and current practices in Australia and the world. Emphasis is placed on student participation in questions, discussions and sensory sessions.

assessment: written assignments, seminar participation and presentation

VITICULT 7021WT

Viticultural Production

3 units semester 2

restriction: VITICULT 3004WT Viticultural Production A, VITICULT 3018WT Viticultural Production B, VITICULT 3017WT Viticultural Production B (Oenology), VITICULT 3002WT Viticultural Production A (Oenology), VITICULT 3021WT Viticultural Production, VITICULT 7007WT Viticultural Production A

Principles behind the establishment of a viticultural enterprise comprising site selection, choice of planting material and the design and establishment of the vineyard. Trellising design, pruning principles, practices and mechanisation. The relationship between production aspects and the physiology of the vine including phenology and shoot development, effect of node position on fruitfulness, interaction with climate response to pruning, trellising and canopy management. Vineyard management practices including: pests and diseases of grapevines; their recognition and control; propagation; soil management comprising weed control by chemical and non-chemical methods; the response of grapevines to irrigation; principles of irrigation scheduling and strategic irrigation practices; harvesting and handling methods used for winegrapes; cultural practices employed to produce winegrapes of particular end-use specification.

assessment: exam and assignments

VITICULT 7023WT

Viticultural Production B

3 units semester 2

odd years only

available only to repeating students

3 lectures, three hour practical per week - some lectures are replaced by tutorials

The management aspects of the vineyard including pests and diseases of grapevines, their recognition and control, and principles of plant protection, particularly spray application technology. Soil management comprising weed control, plant nutrition and tissue analysis. The response of the grapevine to irrigation and salinity including plant and soil moisture determination and irrigation scheduling. Use of growth regulators and propagation. Application of biotechnology to Viticulture. The course includes visits to commercial vineyards and service companies.

assessment: assignments, exam, practical report

VITICULT 7024WT

Table and Drying Grape Production

2 units orientation week, first half of semester 1

6 hours per week including field trips

Table grape production: varieties; genetic improvement; vineyard design; techniques to improve table grape quality particularly crop load adjustment and growth regulators; harvesting and handling including maturity standards, harvest methods, packing, postharvest handling, marketing. Dried grape production: climatic requirements, principles of grape drying; treatments to enhance drying; dried grape product types; preparation for harvest; harvesting and handling of fresh grapes for drying and trellis dried fruit; finish drying and dehydration; classing, processing and marketing.

assessment: assignments 30%, written exam 70%

WINE MARKETING

WINEMKTG 7003WT

WINEMKTG 7003EX

Advertising and Promotion

3 units semester 1

internal (2 lectures, 1 tutorial per week) or external

eligibility: postgraduate students only

corequisite: WINEMKTG 7055WT/7055EX Principles of Food and Wine Marketing

This course will provide the student with an overview of the Integrated Marketing Communications process. Students will learn to manage the formal communications process in the context of wine and agricultural businesses. Attention will be paid to developing communication plans and understanding strategic applications of advertising, sales promotion and public relations tools. Students should expect to gain knowledge of communications theory as well as practical application through study of texts and real world cases.

assessment: to be advised

WINEMKTG 7005EX

Wine and Food Tourism and Festivals

3 units semester 2

external only

eligibility: postgraduate students only

assumed knowledge: WINEMKTG 7055WT/7055EX Principles of Food and Wine Marketing

This course explores the basics of tourism and the structure of the tourism industry as it relates to both wine and food. It addresses the basics concepts of wine tourism and hospitality, wine and food festivals in the broad context of tourism and hospitality, and wine tourism as a vehicle to build a brand image for the wine(ry) business and/or wine region. Specific focus areas include wine tourism visitor (consumer) behaviour, the role of the winery cellar-door in wine marketing/distribution, the functions of wine routes/roads, wine region brand building, and wine and/or food festival event fundamentals and management.

assessment: to be advised

WINEMKTG 7006WT

WINEMKTG 7006EX

Retail Management

3 units semester 2

internal (2 lectures, 1 tutorial per week) or external

eligibility: postgraduate students only

prerequisite: WINEMKTG 7055WT/7055EX Principles of Food and Wine Marketing

This course focuses on the principles of establishing and managing a retail concern. It will expose the student to the theoretical and practical aspects of selling and retail practices. Some of the areas this course will cover include: distribution and information systems, selling and marketing technology and trends, retail and wholesale operations, negotiation skills. The course can involve some fieldwork, guest lectures and practical case studies.

assessment: assignments, exam

WINEMKTG 7015WT

Issues in Wine Business

3 units semester 2

3 hours of seminars per week

prerequisite: approval of Wine Business program coordinator

This course will offer the opportunity to the students to cover a range of topics in Wine Business as it relates to the student's study program interests and the teaching and research interests of staff

and visiting academics. A combination of industry, academic and student prepared seminars will be used.

WINEMKTG 7030WT

WINEMKTG 7030EX

Wine and Society

3 units semester 1

internal (2 lectures, 1 tutorial per week) or external

eligibility: postgraduate students only

assumed knowledge: WINEMKTG 7055WT/7055EX Principles of Food and Wine Marketing

The student will be exposed to studies that cover the history and future of the Australian wine industry, presented in the wider context of European and other New World wine industries. Topics covered include: the origins of grape and wine production, the religious and cultural symbolism of wine, the development of an international wine trade in the 20th century, the role of fashion in wine markets, and the examination of wine and other forms of alcohol and health issues. Also covered are: alcohol and wine consumption habits and attitudes, education and awareness programs, communication of wine information, food and wine complementarity, labelling and product laws.

assessment: to be advised

WINEMKTG 7031WT

Topics in Agricultural Business B

3 units semester 2

3 hours per week

prerequisite: approval of Wine Business program coordinator

The course will offer the opportunity to the student to cover a range of topics in Agricultural Business (including wine and food) as it relates to the students study program and the teaching and research interests of staff and visiting academics.

assessment: written assignments and oral presentations

WINEMKTG 7033WT

Research Methodology and Methods

3 units semester 1 or 2

3 hours seminars per week

prerequisite: approval of Wine Business program coordinator

This course familiarises the student with: the methodology of scientific research in wine business, ie. the system of rules and procedures on which wine business research is based and against which claims for knowledge are appraised; and the methods or techniques commonly used in wine business research, including quantitative techniques and computer techniques. Coverage of techniques emphasises the types of problems each technique is suitable for, and the strength and limitations of each technique. The first half of the course concentrate on methodology, the second half on methods. Concepts required for writing a research proposal are presented in the first half of the semester. The methods are presented during the second half of the semester. During the second half of the semester, a student completes and successively refines his/her proposal to be presented at the end of the semester.

assessment: written assignments, seminar presentations

WINEMKTG 7034WT

WINEMKTG 7034EX

Winery Business Management

3 units semester 2

internal (2 lectures, 1 tutorial per week) or external

eligibility: postgraduate Wine Business students only

prerequisite: WINEMKTG 7053WT/7053EX Introduction to Managerial and Financial Accounting, WINEMKTG 7055WT/7044WT Principles of Food and Wine Marketing

This capstone course integrates all of the interfacing elements between wine and business management as these relate to the 'real-world' side of the wine industry of today. In the process wine marketing (with a strong emphasis on brand building to differentiate the wine(ry) business), winery cost and management accounting and financial management, strategic winery business management, and organisation development are all examined as these relate to actual wineries. Key focus areas are wine(ry) brand building and management, understanding costs of production, and financing growth strategies for a wine(ry) business. The key activity performed in this course is the analysis and application of decision-making to winery operations and their application to an actual (operating) winery. The primary course outcome is the development of a realistic and fully-integrated business plan for this operating winery.

assessment: assignments and winery business plan project

WINEMKTG 7035WT

WINEMKTG 7035EX

International Wine Law

3 units semester 1

internal (2 lectures, 1 tutorial per week) or external

eligibility: postgraduate students only

assumed knowledge: WINEMKTG 7054EX Legal Issues in Wine Marketing

The course will cover import and export licensing, labelling and standards requirements, appellation and place names requirements and restrictions, contracts for international sale and financing of sale and for transport, conflict of laws, the role of the OIV and other international agencies, treaties and trade agreements, and tax laws as related to the international wine trade.

assessment: to be advised

WINEMKTG 7039WT

WINEMKTG 7039EX

Applied Marketing Research

3 units semester 2

internal (2 lectures, 1 tutorial per week) or external only

eligibility: postgraduate students only

assumed knowledge: WINEMKTG 7055WT/7055EX Principles of Food and Wine Marketing, and ECON 1008 Business Data Analysis or or WINEMKTG 1015EX Data Analysis for Food and Wine Business

The aim of this course is to study quantitative and qualitative marketing research for pro-active and reactive marketing intelligence systems as it applies to food and agricultural marketers. Topics included are problem analysis, types of data collection systems, steps in research projects, controls of a research project, questionnaire design, statistical methodology for data reduction, sampling theory and the industry and operative organisations. Dealing with a market research organisation will be a significant aspect of the course which is not aimed at producing researchers but clients who understand the intricacies of the process - and the limitations. The focus will be the application of the theory for use in new wine or food product evaluation, advertising measurement, corporate/product/range analysis, attitudinal research, as primary sources. Secondary sources such as trade, governmental or syndicated data will be explored and assessed.

assessment: to be advised

WINEMKTG 7041WT

Topics in Agricultural Business A

3 units semester 1

3 hours per week

prerequisite: approval of Wine Business program coordinator

The course will offer the opportunity to the student to cover a range of topics in Agricultural Business (including wine and food) as it relates to the students study program and the teaching and research interests of staff and visiting academics.

assessment: written assignments and oral presentations

WINEMKTG 7046WT

Problems in Agricultural Business A

3 units semester 1

3 hours per week

prerequisite: approval of Wine Business program coordinator

This course will offer the student the opportunity to investigate a problem in the agricultural business area (including wine and food). The problem will relate to the students study program and the teaching and research interests of staff and visiting academics.

assessment: written assignments and oral presentations

WINEMKTG 7047WT

Problems in Agricultural Business B

3 units semester 2

3 hours per week

prerequisite: approval of Wine Business program coordinator

This course will offer the student the opportunity to investigate a problem in the agricultural business area (including wine and food). The problem will relate to the students study program and the teaching and research interests of staff and visiting academics.

assessment: written assignments and oral presentations

WINEMKTG 7049WT

WINEMKTG 7049EX

Global Market for Wine

3 units semester 1

internal (2 lectures, 1 tutorial per week) or external

eligibility: postgraduate students in Wine Business only

prerequisite: WINEMKTG 7055WT/7055EX Principles of Food and Wine Marketing

This capstone course provides students with insights into the nature, structure, functional mechanisms, and the complexities of

the world's wine market. A typology of open, government-regulated and emerging wine markets is used as a framework within which to present this. In the process, the focus is across-the-board on specific countries' wine markets: large, medium, and small including markets that are of strategic importance. In addition, it examines key drivers in the world wine market and their impact on wine export dynamics and characteristics. There is an emphasis throughout on wine consumer behavioural aspects and successful marketing strategies employed in the wine consuming markets. The key factor of wine industry competitiveness is examined throughout as it manifests itself through the export performance of specific wine-producing countries.

assessment: assignment/s, project work and final written exam

WINEMKTG 7052WT

Applied Management Science

3 units semester 1

2 lectures, 2 hour practical/tutorial per week

eligibility: postgraduate students only

assumed knowledge: ECON 1008 Business Data Analysis or WINEMKTG 1015EX Data Analysis for Food and Wine Business

The aim of this course is to introduce a collection of management science techniques that helps business managers make better decisions and to foster a logical, consistent and systematic approach to problem formulation, problem solving and decision making. Emphasis is placed on model formulation and interpretation rather than algorithms. Topics to be covered include mathematical programming, network modelling, Monte Carlo simulation, decision analysis under risk, and time series forecasting.

assessment: to be advised

WINEMKTG 7053WT

WINEMKTG 7053EX

Introduction to Managerial & Financial Accounting

3 units semester 1 and 2

internal - semester 1 only (2 intensive weekends), or external

eligibility: postgraduate students only

This course provides an introduction to the principles of accounting appropriate to the wine industry. The course deals with those accounting principles from the perspective of a winery business manager. The course does not seek to teach the detailed techniques of accounting, but rather to equip students with sufficient knowledge and skills of accounting to be better managers in the wine industry. The first half of the course deals with financial accounting matters, with a special emphasis on equipping students to be able to analyse financial statements, and to understand the techniques of managing cash flows in wine businesses. In the second half of the course, management accounting techniques such as product costing, budgeting, cost-volume-profit analysis and project evaluation are covered. At the end of the course, students will be able to deal with financial statements, management reports, and be able to make more effective decisions where financial implications are involved.

assessment: final written exams(open book) 50%, assignments 50%

WINEMKTG 7054EX

Legal Issues in Wine Marketing

3 units semester 2

external only

eligibility: postgraduate students only

This course provides a general introduction to the Australian legal system and institutions, and to Australian commercial law. Emphasis will be placed on those jparts of the law that have particular relevance to marketing, such as contract, sale of goods, consumer protection, trace practices and intellectual property law. The legal principles discussed have general commercial applicability, but where possible will be illustrated by topical examples drawn from wine food marketing.

assessment: exam 50%, assignments 50%.

WINEMKTG 7055WT

WINEMKTG 7055EX

Principles of Food and Wine Marketing

3 units semester 1

internal (2 lectures, 1 tutorial per week) or external

eligibility: postgraduate students only

The aim of this course is to give wine marketing students an understanding of the role of the marketing manager through an introduction to the basic concepts and practices in marketing with particular emphasis on wine and food products. The topics covered include the marketing environment and marketing strategy formulation. There will be particular examination of product, price, place and promotion strategies.

assessment: to be advised

WINEMKTG 7056WT

WINEMKTG 7056EX

Internet Marketing and E-Commerce

3 units semester 1

internal (2 lectures, 2 hours tutorial/practical per week) or external

eligibility: postgraduate students only

prerequisite: WINEMKTG 7055WT/7055EX Principles of Food and Wine Marketing

The course examines issues concerning the process, development and impact of e-commerce, and the use of Internet marketing in wine and food business from a managerial viewpoint, and within the context of creating consumer value. Topics include the underlying technology of e-commerce, conceptual foundations of marketing in an electronic environment; e-commerce business models; consumer attitudes and behaviour on the Internet; Internet marketing research; e-commerce and supply chain management, and advertising and promotional strategies in e-commerce. Coverage also includes issues associated with developing strategy, planning, designing, implementing, out-sourcing, securing and managing e-commerce systems and technologies. Emphasis will be on establishing a framework to keep abreast of the technology in a relatively new but fast moving field.

assessment: to be advised

WINEMKTG 7057WT

WINEMKTG 7057EX
Food Marketing III

3 units semester 1

internal (2 lectures, 1 tutorial per week) or external

eligibility: postgraduate students only

corequisite: WINEMKTG 7055WT/7055EX Principles of Food and Wine Marketing

This course examines key issues in the development and marketing of primary and processed food and beverages products. Emphasis is placed on such areas as supply chain management, managing product development, exporting Australian food and beverage products, market research, packaging and labelling, consumer food consumption trends, food marketing strategies, and value-adding in Australian food and beverage industries.

assessment: to be advised

WINEMKTG 7058WT

WINEMKTG 7058EX
International Marketing of Wine and Agricultural Products

3 units semester 2

internal (2 lectures, 1 tutorial per week) or external

eligibility: postgraduate students only

prerequisite: WINEMKTG 7055WT/7055EX Principles of Food and Wine Marketing

This course aims to provide a comprehensive review of the theory and practice of international marketing in relation to wine and agricultural products. Topics include: environmental factors affecting global wine marketing, especially the socio-cultural implications of international trade and wine export, strategic planning and organising for international marketing, market research for wine and agricultural products, decisions on segmentation, wine product policy, pricing, channels of distribution, international wine advertising, and coordinating and controlling global wine marketing operations.

assessment: to be advised

WINEMKTG 7059WT

WINEMKTG 7059EX
Strategic Marketing Management

3 units semester 2

internal (2 lectures, 1 tutorial per week) or external

eligibility: postgraduate students only

prerequisite: WINEMKTG 7055WT/7055EX Principles of Food and Wine Marketing

The critical role of strategic marketing in meeting the challenges facing organisations in complex markets will be the primary focus of this course, and will seek to explore how formulating and implementing unique strategic marketing moves serve not only to ensure survival, but also to yield significant and sustainable competitive advantage.

Drawing on current and emerging perspectives on strategic marketing, the material covered will be structured in terms of a basic strategic marketing model, which deals with company, competition, customer, environment, strengths and weaknesses, objectives and goals, strategy formulations and implementation.

In order to contextualise this material students will be encouraged to develop an understanding of the practical necessity for interdependency and synergy between an organisation's corporate, business, and functional levels of strategy.

assessment: to be advised

WINEMKTG 7060EX
Consumer Behavioural Analysis

3 units semester 1

external only

eligibility: postgraduate students only

prerequisite: WINEMKTG 7055WT/7055EX The aim of this course is to alert students to the many variables that impact upon the purchase and consumption of goods and services, especially wine. Within this multi-disciplinary course are the studies of perception, attitudes, human motivation, consumer information processing and decision making, the sociology of people, cultural and sub-cultural

variables, group influences and the segmentation of consumers into manageable communicable target groups for wine markets. Knowledge of consumer behaviour provides direction and the basis for wine marketing efforts such as advertising, promotion, public relations, wine packaging, pricing, distribution and the nature of the wine product.

assessment: to be advised

WINEMKTG 7062EX
Microeconomic Principles

3 units semester 1 and 2

external only

eligibility: postgraduate students only

The course provides an introduction to the essential elements of microeconomics, with emphasis on demonstrating how the understanding of microeconomic principles can lead to better analysis of management and marketing of wine and food products, and government microeconomic policies. Broadly, the course covers how production and consumption decisions of individual economic units are made and coordinated. Specific topics include fundamentals of supply and demand analysis, production economics, analysis of short and long-run costs of production, market structure, pricing policies and methods, market failure, welfare and public policy issues and the markets for factors of production.

assessment: assignment and final exam

WINEMKTG 7063EX
Macroeconomic Essentials for Wine and Food Business

3 units semester 2

external only

eligibility: postgraduate students only

This course develops understanding of the macroeconomic environment in which wine and food business operate; and the ability to analyse the implications of specific macroeconomic events (eg, change in the interest rate, tax cut, or increasing unemployment) to success and profitability, and marketing strategies of wine and food businesses. Emphasis is on applications and policies, not formal economic theory. Coverage include: measurements of national income, cost of living, and unemployment; productivity and economic growth; the monetary system; the causes and effects of inflation and unemployment; impacts of monetary and fiscal policies; factors influencing the international flows of goods and capital; and current debates over macroeconomic policies.

assessment: assignments and final exam

WINEMKTG 7064WT

WINEMKTG 7064EX
Advanced Wine Marketing

3 units semester 1

internal (2 lectures, 1 hour tutorial per week) or external

eligibility: Master of Wine Business students only

prerequisite: WINEMKTG 7049WT/7049EX Global Marketing for Wine and WINEMKTG 7034WT/7034EX Winery Business Management

This course integrates a multi-disciplinary approach with fundamental wine industry practicalities to address key issues as these relate to today's wine marketing coalface. Drawing on current and emerging perspectives on the marketing mix elements as these relate specifically to the wine market, the emphasis is on areas of wine marketing application such as new wine product development, strategic wine brand building and management, wine market segmentation approaches and methodologies, wine distribution channel issues, pricing strategies, and advertising and promotion issues. Within this wine marketing framework, there is also specific focus throughout on various consumer behavioural aspects, competitiveness issues and the important role of the winery cellar-door. In order to contextualise the course materials, students will be encouraged to develop an in-depth understanding at an advanced level of how grounded marketing theory principles relate and apply to the wine marketplace and its various issues.

assessment: assignments and major project

WINEMKTG 7065WT
Database Marketing for Food and Wine Business

3 units semester 2

2 lectures, 2 hours tutorials/practical per week

prerequisite: WINEMKTG 7055WT/7055EX Principles of Wine and Wine Marketing

This course presents the evolving field of database marketing, broadly defined as the use of customer databases and information technology to promote one-to-one relationships with customers and to create precisely targeted marketing strategies; and its uses in food and wine businesses, especially for small to medium sized firms. Coverage includes the theories and practices of customer database design, implementation and maintenance; customer relationship management, and acquisition, retention and win-back strategies; applying customer lifetime value techniques; customer segmentation; and database marketing communication. More complex database marketing concepts including geodemographic applications, automatic cluster detection, and market basket analysis will be introduced.

assessment: assignments and final exam

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