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Academic Programs

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**UNIVERSITY-WIDE
AND
INTERFACULTY COURSES**

Courses

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UNIVERSITY-WIDE AND INTERFACULTY COURSES

Course Structures

■ Doctor of Philosophy (IF49)

Introduction

The main purpose of graduate study is to encourage independence and originality of thought in the quest for knowledge. The Doctor of Philosophy degree is awarded in recognition of a student's erudition in a broad field of learning and for notable accomplishment in that field through an original and substantial contribution to knowledge. The candidate's research must reveal high critical ability and powers of imagination and synthesis, and may be in the form of new knowledge, or of significant and original adaptation, application and interpretation of existing knowledge.

1. General Conditions

1.1 The Council of the Queensland University of Technology was established in 1989 under the Queensland University of Technology Act.

1.2 This document sets out the Regulations governing the award of the degree of PhD.

1.3 The Council's power to approve arrangements for the registration and examination of candidates for the degree of PhD is exercised through a Research Management Committee, which shall be a subcommittee of Academic Committee. In exercising this power, the Research Management Committee shall be advised by faculty academic boards, deans of faculty and heads of school, as appropriate.

1.4 In order to qualify for the award of the degree of PhD, a candidate must submit to the Research Management Committee:

- a certificate of satisfactory completion of the candidate's approved course of study signed by the Principal Supervisor
- a declaration signed by the candidate that he or she has not been a candidate for another tertiary award without permission of the Research Management Committee
- a certificate recommending acceptance of the thesis in fulfilment of the conditions for the award of the PhD degree signed by each member of the faculty panel that recommended examination of the thesis and the Examination Committee which accepted it
- an application for conferral of the degree, and
- four copies of the thesis in the required format.

2. Registration

2.1 A candidate may register either as a full-time or as a part-time student (see also Section 4). To be registered as a full-time student, a candidate must be able to commit to the course not less than three-quarters of a normal working week, averaged over each year of candidacy. Such a student may not devote more than 300 hours annually to teaching activities, including preparation and marking.

2.1.1 A candidate who is unable to devote to the course the proportion of time specified in Section 2.1 may register as a part-time student.

2.1.2 A candidate's program of research or other approved investigation may be based at a place of employment or a sponsoring institution (see Section 7). Normally, support of the sponsoring establishment for the candidate's application is required for registration.

2.1.3 A sponsoring establishment is required to certify annually by 31 December that all registered PhD candidates sponsored by that organisation are actively engaged in their course of study, and are maintaining frequent contact with their local supervisor.

2.2 To gain registration in a course of study leading to the award of a Doctor of Philosophy, a candidate normally shall hold a relevant first class or second class division A honours degree or an appropriate master degree (by coursework or by thesis) of the QUT or of another recognised institution.

2.3 Before accepting an application for registration, the Research Management Committee must satisfy itself that the candidate has sufficient command of English to complete satisfactorily the proposed course of study, to pass an oral examination in English as described in Section 9.2, and to prepare a thesis in English.

2.4 Without the specific permission of the Research Management Committee, students may not be registered as candidates for a PhD degree if they are registered candidates for another tertiary award.

2.5 The Research Management Committee may cancel a candidate's registration if:

- after consulting a candidate's supervisors and having taken account of all relevant circumstances, the committee is of the opinion that the candidate either has effectively discontinued their studies or has no reasonable expectation of completing the course of study within the maximum time allowed (see Section 4), or
- the candidate's grade point average in coursework undertaken is below 5.0 on a 7 point scale.

2.6 A student whose registration has lapsed or has been cancelled and who wishes subsequently to re-enter the course of study to pursue an investigation which is substantially the same as their previous investigation may be re-admitted under such conditions as the Research Management Committee shall prescribe.

3. Course of Study

3.1 A candidate for the degree of Doctor of Philosophy is required to complete successfully a course of study which results in a substantial contribution to knowledge. This contribution may be in the form of new knowledge, or of significant and original adaptation, application and interpretation of existing knowledge.

3.2 The course of study normally will include:

- a program of assessed coursework
- participation in university scholarly activities such as research seminars, teaching and publication
- regular face-to-face interaction with supervisors, and
- a program of supervised research and investigation.

The course of study must be such as to enable the candidate to acquire competence in relevant methods of research and scholarship related to the subject of the proposed investigation, and to display sustained independent effort.

3.3 Coursework at doctoral level demands a capacity for critical analysis and a specialisation of research interests not normally appropriate for an undergraduate program. Such coursework may be conducted in a number of ways:

- as advanced lecture courses
- as seminars in which faculty and students present critical studies of selected problems within the subject field
- as independent study or reading courses, or
- as research projects conducted under faculty supervision.

In all cases, coursework will be based upon a formal syllabus setting out the educational outcomes expected from the course, a list of topics to be covered, the prescribed reading material and the method of assessment of progress through and at the end of the course.

3.4 Coursework will occupy not more than half of the total period of registration (see Section 4).

3.5 An application for registration should set out systematically and fully the candidate's intended course of study. The description should include the area of study within which the candidate's course lies, the coursework to be undertaken, the nature of participation in scholarly activities of the centre, school or faculty in which the study is being undertaken, the objectives of the proposed program of research and investigation, its relationship to previous work in the same field, the research methods to be followed, and the proposed title of the thesis to be written.

3.6 A candidate is normally expected to pursue the approved program of research and investigation throughout the period of registration. Where circumstances make modification or extension of the program desirable, approval for the proposed change must be sought in writing from the Research Management Committee. Permission to maintain the candidate's registration may be given by the committee in such circumstances, provided that the course of study remains in the same field.

3.7 Where a candidate's approved program of research and investigation forms part of a group project, the application must indicate clearly the individual contribution expected to be made by the candidate, and the extent to which the work is to be carried out in collaboration with others (see also Section 8.4).

3.8 Where an approved program of research and investigation is carried out jointly in QUT and in an industrial, commercial, professional or research establishment, the nature of the work to be carried out in each need not be prescribed in detail initially, but a clear indication must be provided of the way in which the work that the candidate is likely to undertake in the collaborating establishment relates to work to be undertaken at QUT or elsewhere.

3.9 In appropriate cases, the Research Management Committee may approve a course of study leading to the presentation of a thesis accompanied by material in other than written form, or exceptionally, in lieu of a research program, a program of scholarly postgraduate work concerned with significant aspects of industrial, commercial or professional activity. Such approval must be sought from the Research Management Committee at the time of application for registration or when approval to modify the course of study is sought. At the same time, arrangements for the examination of such candidates should be proposed for approval by the Research Management Committee, including details of the form which the candidate's presentation is expected to take.

4. Period of Time for Completion of Course of Study

4.1 A full-time candidate who does not hold a masters degree appropriate to the course of study will normally be required to complete a period of registration of at least 30 months before submitting the thesis for examination. The corresponding period in the case of a part-time candidate shall be 42 months. In special cases the Research Management Committee may approve a shorter period.

4.2 A holder of a masters degree appropriate to the course of study may submit the thesis for examination after not less than 24 months of registration if a full-time student, or 36 months if a part-time student. In special cases the Research Management Committee may approve a shorter period.

4.3 Without the permission of the Research Management Committee, no full-time candidate for the degree of PhD shall submit a thesis for examination more than 48 months from the date on which registration in the program was granted. The corresponding period in the case of a part-time candidate shall be 60 months.

4.4 Where a candidate wishes to change from full-time to part-time registration or vice versa, application must be made in writing to the Research Management Committee. All such applications must specify the revised date of expected completion.

4.5 Where application is made for permission to extend the period within which the candidate may submit a thesis for examination, details of the candidate's progress shall be presented to the Research Management Committee, together with the reasons for the delay in completing the course and the expected date of completion. Where the committee agrees to an extension, it may set a limit to the maximum period of registration in the PhD program.

5. Transfer of Registration

5.1 Where a candidate has undertaken part of a proposed course of study as a registered student in another institution, this period of registration may, on application in writing to the Research Management Committee at the time of application for registration, be counted towards the candidate's period of registration in the QUT course. The application must include details of the work already undertaken, the reasons for the transfer and the expected date of completion.

5.2 A candidate registered for a masters degree at QUT or elsewhere may apply for transfer to the PhD degree.

5.3 Application for transfer of registration from a masters degree must be made on the prescribed form and normally may be made after at least 12 months registration in the masters degree. The candidate shall prepare for the Research Management Committee a detailed progress report, and the committee shall seek the advice of the candidate's supervisors. Where coursework has been undertaken as part of the masters degree, a transfer normally may be approved only if the candidate has attained a grade point average of at least 5.0 on a 7 point scale.

5.4 Applications for transfer normally should be submitted at least 24 months in advance of the probable date of submission of the PhD thesis.

5.5 The registration period for the PhD shall include such prior registration approved by the Research Management Committee.

5.6 The periods of minimum and maximum time for presentation of the thesis shall be extended by eight months for candidates who were admitted to a masters degree from a pass degree.

5.7 A candidate registered for the degree of PhD who is unable to complete the approved course of study may apply for transfer to an appropriate masters degree.

6. Supervision

6.1 Normally two supervisors shall be appointed for each PhD candidate.

6.2 One supervisor shall be the Principal Supervisor, with responsibility for supervising the candidate on a frequent basis. The Principal Supervisor shall be a member of QUT staff. A Principal Supervisor normally shall have undertaken the successful supervision of research degree candidates. Where a Principal Supervisor is proposed who has not undertaken such supervision, an associate supervisor (see Section 6.3) should have had such experience.

6.3 An associate supervisor may be appointed either from QUT or from elsewhere. Where appropriate, more than one associate supervisor may be appointed. The Research Management Committee may approve the appointment as associate supervisor of a person without experience sufficient to satisfy appointment as a Principal Supervisor. Where collaboration has been arranged between QUT and another organisation, the latter is expected to recommend to the committee a member of its staff as an associate supervisor.

6.4 The Research Management Committee must be satisfied regarding the qualifications and experience of all proposed supervisors.

6.5 The Principal Supervisor is required to report every six months to the Research Management Committee on progress made by the candidate. Each progress report is to be sighted by the candidate and submitted through the Head of School.

7. Place and Conditions of Work

7.1 The research program must normally be carried out under supervision in a suitable environment in Australia.

7.2 The Research Management Committee must be satisfied that arrangements as set out in these regulations regarding coursework, participation in scholarly activities, supervision, facilities and training in research methods may be made for the candidate, and that accommodation, equipment and access to library and computing facilities meet the needs of the approved course of study.

8. Thesis

8.1 The thesis must be presented in accordance with the requirements of the Council, including any accompanying declarations (see Section 1).

8.2 Except with the specific permission of the Research Management Committee, the thesis must be presented in the English language. Such permission must be sought at the time of application for registration, and will not be granted solely on the grounds that the candidate's ability to satisfy the Examination Committee will be affected adversely by the requirement to present the thesis in English.

8.3 The thesis must include a statement of the objectives of the investigation, and must acknowledge published or other sources of information, together with any substantial financial assistance received.

8.4 Where a candidate's research program forms part of a collaborative group project, the thesis must indicate clearly the candidate's individual contribution and the extent to which co-workers contributed to the candidate's program.

8.5 Subject to QUT's intellectual property policy, the copyright of the thesis is vested in the candidate.

8.6 Where a candidate or the sponsoring establishment wishes the thesis to remain confidential for a period of time after completion of the work, application for approval must be made to the Research Management Committee when the thesis is submitted. The period normally shall not exceed two years from the date on which the Examination Committee recommends acceptance of the thesis, during which time the thesis will be held on restricted access in the QUT Library.

9. Examinations

9.1 Any fees payable in relation to the examination of a candidate shall be determined by the Council.

9.2 In order to determine whether the thesis is acceptable for examination by the Examination Committee, and subject to the provisions of Section 9.3, the candidate shall be examined orally by the faculty to which they are attached. The examination will be based on:

- the work described in the thesis, and
- the field of study in which the investigation lies.

The faculty shall advertise or otherwise arrange for the oral examination which should be attended by all available members of the Examination Committee. The examination shall be conducted by a panel of three nominated by the faculty and chaired by the Principal Supervisor. Sufficient copies of the thesis, bound in temporary cover, must be presented to the Chairperson of the faculty examining panel so as to provide a copy for each member of the panel and each attending member of the Examination Committee. The faculty examining panel shall use the prescribed form when advising the faculty and the Research Management Committee that the thesis meets with their approval.

9.3 Where for good and sufficient reasons the Research Management Committee is satisfied that a candidate would be seriously disadvantaged if required to undergo an oral examination, an alternative form of examination may be approved. Such approval shall not be given solely on the grounds that the candidate's knowledge of the English language is inadequate (see Section 2.3).

9.4 The thesis shall normally be examined by an Examination Committee comprising at least two external examiners and not more than one internal examiner. The internal examiner normally shall chair the committee. If there is no internal examiner, then the Research Management Committee shall appoint a chairperson.

9.5 Subject to agreement between supervisors and not later than six months before the proposed date for the submission of the thesis, the Principal Supervisor is required to recommend to the Research Management Committee the composition of a proposed Examination Committee, together with the title of the candidate's thesis.

9.6 Four copies of the thesis in the required format must be presented to the Research Management Committee together with certification that the approved course of study has been completed and the thesis accepted by the faculty to which the candidate is attached (see Section 9.2). Receipt of the thesis by the Research Management Committee shall constitute the submission of the candidate's thesis for examination.

9.7 The candidate's Principal Supervisor shall forward arrangements for examination of the thesis through the faculty to the Research Management Committee for approval.

9.8 In exceptional circumstances, the Research Management Committee may act directly to make suitable arrangements for the examination of a candidate, including the selection of examiners.

9.9 Normally, examiners must agree to read and report upon the thesis within two months of its receipt.

9.10 The external examiners must be independent of both the University and the sponsoring establishment, if any.

9.11 External examiners should normally have substantial research experience in the area under investigation. At least one external examiner must also have had experience of examining research degree candidates at the doctoral level.

9.12 The internal examiner, if any, may be an associate supervisor.

9.13 The internal examiner must have experience of research in the general field under investigation and, where practicable, should have specialist knowledge of the area in which the investigation was conducted.

9.14 The Research Management Committee shall provide the examiners with a copy of the thesis and of the Council's PhD Regulations, and with any other relevant information.

9.15 When the examiners are in agreement with respect to the thesis, the Chairperson shall transmit the result of the examination on the prescribed form to the Chairperson of the Research Management Committee. The examiners' report shall recommend:

- (i) that the degree be awarded, with or without minor modifications to the thesis, or
- (ii) that the candidate be re-examined, or
- (iii) that the degree not be awarded.

When the recommendation is that the degree be awarded, the Chairperson must return an Examiners' Report together with a certificate signed by each examiner recommending acceptance of the thesis in fulfillment of the conditions for the award of the PhD degree. A copy of the thesis, together with the certification by the faculty examiners and the Examination Committee will then be lodged in the QUT Library. A copy will be sent at the same time to the sponsoring establishment, if any.

9.16 If the examiners cannot reach agreement, they shall submit separate reports and recommendations to the Research Management Committee. The committee may then:

- (i) not award the degree, or
- (ii) accept a majority recommendation with or without the advice of a further external examiner.

9.17 A candidate who fails to satisfy the Research Management Committee at the first attempt may, on the recommendation of the examiners and with the approval of the Research Management Committee, be re-examined not more than once. Application must be made to the Research Management Committee for approval of the re-examination arrangements.

9.18 Re-examination shall take place within 12 months from the date on which the candidate is advised in writing of such re-examination. The Research Management Committee may, on application by the candidate and supported by the Principal Supervisor, approve an extension of this period.

9.19 The examiners must give the candidate guidance on the deficiencies identified by the first examination.

9.20 The Research Management Committee may require that an additional external examiner be appointed for the re-examination.

9.21 Regulations applicable to examinations generally shall apply to the re-examination.

9.22 The examiners may recommend that a candidate who has been examined for the degree of PhD be awarded the degree of Master, provided that the candidate meets or can meet the requirements of a Master's program.

■ Master of Applied Science (Research)

This research program is available in:

- the Faculty of Health (HL84) (Refer also to entry in the Faculty of Health section.)
- the Faculty of Information Technology (IT84) (Refer also to entry in the Faculty of Information Technology section.)

For the corresponding program in the Faculty of Science, refer also to the Information Technology or Health Master of Applied Science (SC80) entry in the Faculty of Science section.

Introduction

The objectives of the course are:

- to provide postgraduate educational opportunities in specialised fields of applied science and information technology by means of a program which involves either an original contribution to knowledge or an original application of existing knowledge
- to provide further education in research methods
- to enable graduates employed in industry to undertake further education by research and thesis
- to enable industrial organisations and other external agencies to sponsor a student research program under the control and supervision of the faculty
- to further relationships between the University and industry or other external agencies engaged in applied science, to their mutual advantage.

1. General Conditions

1.1 The Council of the Queensland University of Technology was established in 1989 under the Queensland University of Technology Act 1988.

1.2 The Council's power to approve recommendations from faculty academic boards regarding the registration, supervision and examination of research degree candidates and to develop policy and procedure relating to research degrees is exercised through a Research Management Committee which shall be a subcommittee of Academic Committee.

1.3 Research Management Committee has delegated responsibility for day-to-day administration of research master degree courses to faculty academic boards. Academic boards shall report biannually to the Research Management Committee on progress made by research master degree candidates.

1.4 Unless the context otherwise indicates or requires, the words 'academic board' and 'faculty' shall refer to the faculty in which the candidate registers.

1.5 In order to qualify for the award of the degree of Master of Applied Science, a candidate must:

- have completed the approved course of study under the supervision prescribed by the academic board

- have submitted and the academic board have accepted a thesis prepared under the supervision of the supervisor
- have completed any other work prescribed by the academic board, and
- submit to the academic board a declaration signed by the candidate that they have not been a candidate for another tertiary award without permission of the academic board.

2. Registration

2.1 Applications shall be accepted subject to the availability of facilities and supervision.

2.2 Applications may be lodged with the Registrar at any time.

2.3 The minimum academic qualifications for admission to a program leading to a Master of Applied Science (Research) shall be:

- possession of a bachelor degree in health science, applied science or other approved degree from the Queensland University of Technology, or
- possession of an equivalent qualification, or
- submission of such other evidence of qualifications as will satisfy the academic board that the applicant possesses the capacity to pursue the course of study.

2.4 Additional requirements for admission to a particular program may be laid down by the academic board.

2.5 In considering an applicant for registration the academic board shall, in addition to assessing the applicant's suitability, assess the proposed program and its relevance to the aims and objectives of the University.

2.6 A candidate may register either as a full-time or as a part-time student. To be registered as a full-time student, a candidate must be able to commit to the course not less than three-quarters of a normal working week, averaged over each year of candidacy. Such a student may not devote more than 300 hours annually to teaching activities, including preparation and marking.

2.7 A candidate may be internal or external. An external candidate is one whose program of research and investigation is based at a place of employment or sponsoring institution. Normally, support of the sponsoring institution for the candidate's application is required for registration.

2.8 A candidate shall be registered initially as:

- a graduate student (provisional), or
- a graduate student.

A graduate student (provisional) becomes a graduate student when registration is confirmed. Applicants not holding an appropriate honours degree or its equivalent shall normally be given provisional registration.

2.9 A candidate shall receive confirmed registration as a graduate student when he or she:

- has satisfied the requirements for admission and achieved by work and study a standard recognised by the academic board, or
- has been accepted for provisional registration in the faculty and has achieved, by subsequent work and study, a standard recognised by the academic board
- has satisfied the academic board that he or she is a fit person to undertake the program

has satisfied the academic board that he or she can devote sufficient time to the research and study.

2.10 The academic board may cancel a candidate's registration if:

after consulting a candidate's supervisors and having taken account of all relevant circumstances, the academic board is of the opinion that the candidate either has effectively discontinued his or her studies or has no reasonable expectation of completing the course of study within the maximum time allowed (see Section 4).

2.11 A candidate whose registration has lapsed or has been cancelled and who wishes subsequently to re-enter the course to undertake a research program which is the same or essentially the same as the previous program may be re-admitted under such conditions as the academic board may prescribe.

3. Course of Study

3.1 A candidate for the degree of Master of Applied Science shall undertake a program of research and investigation on a topic approved by the academic board. All projects should be sponsored either by outside agencies such as industry, government authorities, or professional organisations, or by the University itself.

3.2 The program must be such as to enable the candidate to develop and demonstrate a level of scientific competence significantly higher than that expected of a first degree graduate. The required competence normally would include mastery of relevant techniques, investigatory skills, critical thinking, and a high level of knowledge in the specialist area.

3.3 A candidate may be required by the academic board to undertake an appropriate course of study concurrently with the research program.

The course of study normally will include:

- a program of assessed coursework
- participation in University scholarly activities such as research seminars, teaching and publication
- regular face-to-face interaction with supervisors, and
- a program of supervised research and investigation.

3.4 Coursework at masters level demands a capacity for critical analysis and a specialisation of research interests not normally appropriate for an undergraduate program. Such coursework may be conducted in a number of ways:

- as advanced lecture courses
- as seminars in which faculty and students present critical studies of selected problems within the subject field
- as independent study or reading courses, or
- as research projects conducted under faculty supervision.

In all cases, coursework will be based upon a formal syllabus setting out the educational outcomes expected from the course, a list of topics to be covered, the prescribed reading material and the method of assessment of progress through and at the end of the course.

3.5 Coursework will occupy not more than half of the total period of registration.

3.6 An application for registration should set out systematically and fully the candidate's intended course of study. The description should include the area of study within which the candidate's course lies, the coursework to be undertaken, the proposed title of the thesis to be written, the aim of the proposed program of research and investigation, its

background, the significance and possible application of the research program, and the research plan.

4. Period of Time for Completion of Course of Study

4.1 A full-time graduate student (provisional) shall not be eligible for confirmation of registration as a graduate student until a period of at least 12 months has elapsed from initial registration. The corresponding period in the case of a part-time student shall be at least 24 months.

4.2 A registered graduate student shall present the thesis for examination after a period of at least one year for a full-time student or two years for a part-time student has elapsed from the time of confirmed registration, except in the case of special permission granted under 4.4. In special cases the academic board may approve a shorter period.

4.3 A registered graduate student shall present the thesis for examination no later than two years if a full-time student or four years if a part-time student from the date of confirmed registration.

4.4 A registered graduate student who holds an honours degree appropriate to the course of study may submit the thesis for examination after not less than one year of registration if a full-time student, or two years if a part-time student. In special cases the academic board may approve a shorter period.

4.5 Where application is made for permission to extend the period within which the candidate may submit a thesis for examination, details of the candidate's progress shall be presented to the academic board together with the reasons for the delay in completing the course and the expected date of completion. Where the academic board agrees to an extension, it may set a limit to the maximum period of registration in the program.

5. Supervision

5.1 For each candidate the academic board shall appoint one or more supervisors with appropriate experience provided that, where more than one supervisor is appointed, one shall be nominated as the Principal Supervisor and others as associate supervisors.

5.2 In the case of an internal student, the Principal Supervisor normally shall be from the academic staff of the school where the student carries out the work.

5.3 In the case of an external student, the Principal Supervisor normally shall be from the academic staff of the school supporting the work and at least one associate supervisor shall be from the sponsoring organisation.

5.4 At the end of each six-month period a student shall submit a report on the work undertaken to the Principal Supervisor and the Principal Supervisor shall submit a report to the academic board on the student's work. This report shall be seen by the candidate before submission to the academic board.

6. Place and Conditions of Work

6.1 The research program must normally be carried out under supervision in a suitable environment in Australia.

6.2 The academic board shall not admit a candidate to undertake a program of research based at the University unless it has received a statement from the head of school and/or director of centre in which the study is proposed that, in their opinion, the applicant is a fit person to undertake a research program leading to the master degree, that the program is supported, and that the school/department is willing to undertake the responsibility of supervising the applicant's work.

6.3 The academic board shall not admit a candidate to undertake a research program based at a sponsoring establishment unless it has received:

- a statement from the employer or director of the sponsoring institution that the applicant will be provided with facilities to undertake the research project and that they are willing to accept responsibility for supervising the applicant's work, and
- a statement from the head of school or director of centre in which the study is proposed that, in his or her opinion, the applicant is a fit person to undertake a research program leading to the master degree, that the program is supported, and that after examination of the proposed external facilities and supervision, the school/department is willing to accept the responsibility of supervising the work.

7. Thesis

7.1 In the form of presentation, availability and copyright, the thesis shall comply with the provisions of the document *Requirements for Presenting Theses*.

7.2 Not later than six months after confirmed registration the candidate shall submit the title of the thesis for approval by the academic board. After approval has been granted, no change shall be made except with the permission of the academic board.

7.3 The candidate shall give two months' notice of intention to submit the thesis. Such notice shall be accompanied by the appropriate fee, if any.

7.4 The thesis shall comply with the following requirements:

- A significant portion of the work described must have been carried out subsequent to initial registration for the degree.
- It must describe a program of work carried out by the candidate, and must involve either an original contribution to knowledge or an original application of existing knowledge.
- It must reach a satisfactory standard of literary presentation.
- It shall be the candidate's own account of the work. Where work is carried out conjointly with other persons, the academic board shall be advised of the extent of the candidate's contribution to the joint work.
- The thesis shall not contain as its main content any work or material which the student has previously submitted for another degree or similar award.
- Supporting documents, such as published papers, may be submitted with the thesis if they have a bearing on the subject of the thesis.
- The thesis shall contain an abstract of not more than 300 words.

7.5 Except with the specific permission of the academic board, the thesis must be presented in the English language. Such permission must be sought at the time of application for registration, and will not be granted solely on the grounds that the candidate's ability to satisfy the examiners will be affected adversely by the requirement to present the thesis in English.

7.6 Subject to QUT's Intellectual Property policy, the copyright of the thesis is vested in the candidate.

7.7 Where a candidate or the sponsoring establishment wishes the thesis to remain confidential for a period of time after completion of the work, application for approval must be made to Research Management Committee when the thesis is submitted. The period normally shall not exceed two years from the date on which the examiners

recommend acceptance of the thesis, during which time the thesis will be held on restricted access in the QUT Library.

8. Examination of Thesis

8.1 The academic board shall appoint at least two examiners of whom at least one shall be from outside the University.

8.2 Normally, examiners must agree to read and report upon the thesis within two months of its receipt.

8.3 A candidate may be required to make an oral defence of the thesis.

8.4 On receipt of satisfactory reports from the examiners, and when the provisions of Section 7.1 have been fulfilled, the academic board shall recommend to Academic Committee that the candidate be awarded the degree.

8.5 If the examiners' reports are conflicting, the academic board may, after appropriate consultation with the Principal Supervisor:

- seek advice from a further external examiner, or
- not award the degree.

8.6 If, on the basis of the examiners' reports, the academic board does not recommend that the degree be awarded then it shall:

- permit the student to resubmit the thesis within one year for re-examination, or
- cancel the student's registration.

■ Honours Degrees

1. General

1.1 These regulations apply to honours degrees consisting of an additional year of full-time study (or equivalent) following completion of an undergraduate pass degree. The policy does not apply to pass degrees which may be awarded with honours.

1.2 Faculties are required to make a submission to Academic Committee for an honours program in the form of a new course proposal. Such a proposal should seek approval for a single honours program covering the full range of majors offered within an undergraduate award, whether or not all majors are to be offered at honours level.

1.3 Faculties are expected to produce statements of procedures to be read with, or which may incorporate, this policy statement.

1.4 Each honours program will be assigned a separate quota.

2. Admission to an Honours Degree

2.1 Students who wish to undertake an honours program should normally apply for admission to it at the end of the final year of their pass degree, or within 18 months of completing that degree.

2.2 In order to be considered eligible for admission, students should have attained a grade point average of at least 5.0 or an average grade of credit over the entire basic course, including grades of at least credit in all units directly relevant to, or specified as prerequisite for, the proposed honours program.

2.3 However, students who have demonstrated outstanding performance in only the final year of a degree, or whose application is based on other factors including work experience or involvement in research, may be admitted at the discretion of the Dean.

3. Duration

3.1 Except in special circumstances as approved by the Dean, the requirements for an honours degree must be completed within two successive years following first enrolment.

4. Program Requirements

4.1 Honours programs must comprise one year of full-time study or equivalent with at least 25 per cent but not more than 50 per cent of the credit points associated with the course to be allocated to a project or dissertation.

4.2 Faculties are responsible for providing candidates with program outlines which specify the distribution of credit point load between project/dissertation and coursework, the procedure for project or dissertation approval and a concise statement of faculty requirements, supervision arrangements, and procedures for examining project reports and dissertations.

5. Unsatisfactory Progress

5.1 Failure to make satisfactory progress with either the coursework component of an honours program or with the project/dissertation, or both, may lead to exclusion from the program.

5.2 Unsatisfactory progress consists of:

- receiving a grade of less than 4 (or 'Satisfactory', where applicable) in one unit of the coursework component
- failure to make sufficient progress with the project or dissertation component, in the opinion of the dean.

5.3 A student who is excluded from or otherwise fails to complete an honours program will not normally be readmitted to that program.

6. Assessment

6.1 The minimum grade which may be credited towards an honours degree is 4 (or 'Satisfactory', where applicable).

6.2 A minimum of three copies of a dissertation should be presented to the supervisor for examination. Dissertations should be temporarily bound in order to facilitate the making of any revisions and editorial changes required by examiners before final printing and binding.

6.3 Project reports and dissertations will be examined by an examining committee appointed by the Dean and consisting of at least two examiners, one of whom may be external to the University. The supervisor of the candidate's work may be a member of the committee but may not chair the committee or act as the primary examiner.

7. Determination of Level of Honours Awards

7.1 The faculty academic board, on advice from the school, will determine the level of honours to be awarded.

7.2 Honours degrees will be awarded at the following levels after account is taken of the candidate's performance in all units and appropriate weight applied to the project or dissertation:

Honours 1	First Class Honours
Honours 2A	Second Class Honours, Division A
Honours 2B	Second Class Honours, Division B
Honours 3	Third Class Honours

7.3 The level of honours award is to be determined by guidelines, as follows:

Honours 1	Grade point average of 6.50-7.00, or equivalent
Honours 2A	Grade point average of 5.50-6.49, or equivalent
Honours 2B	Grade point average of 4.50-5.49, or equivalent
Honours 3	Grade point average of 4.00-4.49, or equivalent.

7.4 A candidate who does not reach the standard required for Honours 3 remains with a pass degree.

■ Bachelor of Applied Science/Bachelor of Laws (IF34)

Location: Gardens Point campus

Course Duration: 5 years full-time

Total Credit Points: 540-552

Standard Credit Points/Full-Time Semester: 54-55.2

Course Coordinators:

Science – Dr Don Field

Law – Professor Malcolm Cope

Professional Recognition

For information on the academic requirements of the Solicitor's or Barristers' Board of Queensland, refer to the section on professional recognition in the Bachelor of Laws course entry in Faculty of Law section.

Transitional Arrangements

In 1994 the Law Faculty will offer a restructured Bachelor of Laws degree. The restructured degree will affect the Law component of the Bachelor of Applied Science/Bachelor of Laws degree (IF34) offered by the University. The first two years of the four-year full-time program (or the equivalent units in other combined Law programs) will be introduced in 1994. The final two years of the four-year full-time program (or the equivalent units in other combined Law programs) will be introduced in 1995.

As students enrolled in (IF34) will not have completed the equivalent of Stage 1 of the four-year full-time Bachelor of Laws degree (LW31), all students will be transferred automatically to the new program as described below.

The course code, IF34, will not change.

The credit point value for the degree will change from 558-570 credit points to 540-552 credit points but against a proportion of course load calculation, there will be no change in HECS assessment.

Full-Time Course Structure		Credit Points	Contact Hrs/Wk
Year 1, Semester 1			
LWB130	Introduction to Study in Law (2 weeks)		
LWB131/1	Law in Context	12	3
LWB134	Research & Legal Reasoning	12	3
	3 Science units from the SC30 First Schedules*	36	
Year 1, Semester 2			
LWB131/2	Law in Context	12	3
LWB135	Legislation	12	3
	3 Science units from the SC30 First Schedules*	36	
Year 2, Semester 1			
LWB132/1	Contracts	12	3
	3 Science units from the SC30 Second Schedules*	36	
Year 2, Semester 2			
LWB132/2	Contracts	12	3
	3 Science units from the SC30 Second Schedules*	36	
Year 3, Semester 1			
LWB133/1	Torts	12	3
LWB232/1	Criminal Law & Procedure	12	3
	2 Science units from the SC30 Third Schedules*	24	
Year 3, Semester 2			
LWB133/2	Torts	12	3
LWB232/2	Criminal Law & Procedure	12	3
	2 Science units from the SC30 Third Schedules*	24	
Year 4, Semester 1			
LWB231	Introduction to Public Law	12	3
LWB233/1	Property 1	12	3
LWB234/1	Equity & Trusts	12	3
LWB332	Property 2	12	3
LWB331	Administrative Law	12	3
Year 4, Semester 2			
LWB233/2	Property 1	12	3
LWB234/2	Equity & Trusts	12	3
LWB235	Australian Federal Constitutional Law	12	3
LWB333	Theories of Law	12	3
LWB334	Corporate Law	12	3
Year 5, Semester 1			
LWB431	Civil Procedure	12	3
LWB432	Evidence	12	3
	Elective Units+		

* Students will be required to attend an advisory session with an academic adviser select their science units.

+ A student is required to complete 48 credit points of elective units and must normally enrol in a minimum of one 8 credit point elective unit in a semester. A student may undertake as electives units offered by other faculties or schools but limitations are imposed on the number of introductory units which may be undertaken. Before undertaking such units, a student must obtain the approval of the Faculty of Law and the faculty or school responsible for the unit or course. Approval by the Faculty of Law will require a student to demonstrate that the units selected form a coherent program.

Year 5, Semester 2

LWB433	Professional Responsibility	12	3
LWB434	Advanced Research & Legal Reasoning Elective Units*	12	3

Elective Units

For availability of law elective units, refer to relevant section in the Bachelor of Laws course entry in Faculty of Law section. The offering of elective units in any semester depends on sufficient minimum enrolments in the unit and the availability of staff. The selection of all electives is subject to the approval of the Dean of Faculty.

■ Bachelor of Arts/Bachelor of Laws (IF36)

Location: Carseldine and Gardens Point campuses

Course Duration: 5 years full-time

Total Credit Points: 540-552

Standard Credit Points/Full-Time Semester: 54-55.2

Course Coordinators:

Arts – Dr Wayne Hindsley

Law – Professor Malcolm Cope

Professional Recognition

For information on the academic requirements of the Solicitor's or Barristers' Board of Queensland, refer to the section on professional recognition in the Bachelor of Laws course entry in Faculty of Law section.

Transitional Arrangements

In 1994 the Law Faculty will offer a restructured Bachelor of Laws degree. The restructured degree will affect the Law component of the Bachelor of Arts/Bachelor of Laws degree (IF36) offered by the University. The first two years of the four-year full-time program (or the equivalent units in other combined Law programs) will be introduced in 1994. The final two years of the four-year full-time program (or the equivalent units in other combined Law programs) will be introduced in 1995.

As enrolled students have not completed the equivalent of Stage 1 of the four-year full-time Bachelor of Laws degree (LW31), they will automatically transfer to the new course structure as described below.

The course code, IF36, will not change.

The credit point value for the degree will change from 558-570 credit points to 540-552 credit points but against a proportion of course load calculation, there will be no change in HECS assessment.

* A student is required to complete 48 credit points of elective units and must normally enrol in a minimum of one 8 credit point elective unit in a semester. A student may undertake as electives units offered by other faculties or schools but limitations are imposed on the number of introductory units which may be undertaken. Before undertaking such units, a student must obtain the approval of the Faculty of Law and the faculty or school responsible for the unit or course. Approval by the Faculty of Law will require a student to demonstrate that the units selected form a coherent program.

Full Time Course Structure	Credit Points	Contact Hr/Wk
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Years 1 and 2

Refer to Course Structure for Years 1 and 2 in the Bachelor of Arts (HU20) entry in the Faculty of Arts section.

Year 3, Semester 1

LWB130	Introduction to Study in Law (2 weeks)		
LWB131/1	Law in Context	12	3
LWB132/1	Contracts	12	3
LWB133/1	Torts	12	3
LWB134	Research & Legal Reasoning	12	3

Year 3, Semester 2

LWB131/2	Law in Context	12	3
LWB132/2	Contracts	12	3
LWB133/2	Torts	12	3
LWB135	Legislation	12	3

Year 4, Semester 1

LWB231	Introduction to Public Law	12	3
LWB232/1	Criminal Law & Procedure	12	3
LWB233/1	Property 1	12	3
LWB234/1	Equity & Trusts	12	3
LWB332	Property 2	12	3

Year 4, Semester 2

LWB232/2	Criminal Law & Procedure	12	3
LWB233/2	Property 1	12	3
LWB234/2	Equity & Trusts	12	3
LWB235	Australian Federal Constitutional Law	12	3
LWB334	Corporate Law	12	3

Year 5, Semester 1

LWB331	Administrative Law	12	3
LWB431	Civil Procedure	12	3
LWB432	Evidence	12	3
	Elective Units*		

Year 5, Semester 2

LWB333	Theories of Law	12	3
LWB433	Professional Responsibility	12	3
LWB434	Advanced Research & Legal Reasoning	12	3
	Elective Units*		

Elective Units

For availability of law elective units, refer to relevant section in the Bachelor of Laws course entry in the Faculty of Law section. The offering of elective units in any semester depends on sufficient minimum enrolments in the unit and the availability of staff. The selection of all electives is subject to the approval of the Dean of Faculty.

* A student is required to complete 48 credit points of elective units and must normally enrol in a minimum of one 8 credit point elective unit in a semester. A student may undertake as electives units offered by other faculties or schools but limitations are imposed on the number of introductory units which may be undertaken. Before undertaking such units, a student must obtain the approval of the Faculty of Law and the faculty or school responsible for the unit or course. Approval by the Faculty of Law will require a student to demonstrate that the units selected form a coherent program.

■ Bachelor of Business (Accountancy)/Bachelor of Laws (IF37)

Location: Gardens Point campus

Course Duration: 5 years full-time

Total Credit Points: 540

Standard Credit Points/Full-Time Semester: 54

Course Coordinators:

Business – Mr Robert Humphreys

Law – Professor Malcolm Cope

Professional Recognition

The combined Accountancy/Law degree satisfies the academic requirements of the Institute of Chartered Accountants in Australia and the Australian Society of Certified Practising Accountants. For information on the academic requirements of the Solicitor's or Barristers' Board of Queensland, refer to the section on professional recognition in the Bachelor of Laws course entry in Law section of the Handbook.

Transitional Arrangements

In 1994 the Law Faculty will offer a restructured Bachelor of Laws degree. The restructured degree will affect the Law component of the Bachelor of Business (Accountancy)/Bachelor of Laws degree offered by the University. The first two years of the four-year full-time program (or the equivalent units in other combined Law programs) will be introduced in 1994. The final two years of the four-year full-time program (or the equivalent units in other combined Law programs) will be introduced in 1995.

Students who commenced the old course structure (IF31) after 1 January 1993 automatically transfer to the new course structure (IF37) and must complete 540 credit points to be eligible to graduate.

Students deemed to have completed Stage 1 (of the four-year full-time law program) or the equivalent of the second year only of the old program (IF31) will automatically transfer to the third year of the new program (IF37).

Students deemed to have commenced Stage 2 (of the four-year full-time degree) of the old program must complete the old course structure (IF31) to be eligible to graduate.

Students will be transferred by using calculations that establish the 'stage' of a program which a student has completed. The Student Information System equates Stage 1 with the number of credit points equal to the total for those first year units (or equivalents) prescribed in the course structure for the Bachelor of Laws course (LW31).

Transitional students who have been advised to complete an accounting elective unit may choose from units offered by the School of Accountancy (units prefixed AYB), the School of Finance (units prefixed FNB) and the School of Accounting Legal Studies (units prefixed ALB). Units offered by the School of Accounting Legal Studies (units prefixed ALB) are available only where not incompatible with units offered by the Faculty of Law and subject to the approval of the Dean, Faculty of Business.

Full-Time Course Structure (IF37)**Credit
Points****Contact
Hrs/Wk****Year 1, Semester 1**

AYB110	Accounting	12	4
EPB150	Microeconomics	12	3
LWB130	Introduction to Study in Law (2 weeks)		
LWB131/1	Law in Context	12	3
LWB134	Research & Legal Reasoning	12	3
MAB173	Quantitative Methods	12	3

Year 1, Semester 2

AYB111	Financial Accounting	12	3
EPB110	Business Statistics	12	3
ISB892	Business Computing	12	4
LWB131/2	Law in Context	12	3
LWB135	Legislation	12	3

Year 2, Semester 1

AYB101	Computerised Accounting Systems	12	3
AYB112	Company Accounting	12	4
EPB140	Macroeconomics	12	3
LWB132/1	Contracts	12	3
LWB133/1	Torts	12	3

Year 2, Semester 2

BSB102	Management & Organisation	12	3
FNB111	Finance 1	12	4
FNB123	Managerial Accounting 1	12	4
LWB132/2	Contracts	12	3
LWB133/2	Torts	12	3

Year 3, Semester 1

AYB210	Auditing	12	3
FNB112	Finance 2	12	4
FNB124	Managerial Accounting 2	12	4
LWB231	Introduction to Public Law	12	3
LWB232/1	Criminal Law & Procedure	12	3

Year 3, Semester 2

AYB113	Accounting Theory & Applications	12	4
LWB232/2	Criminal Law & Procedure	12	3
LWB235	Australian Federal Constitutional Law	12	3
LWB366	Law of Commercial Entities	8	2

Year 4, Semester 1

LWB233/1	Property 1	12	3
LWB234/1	Equity & Trusts	12	3
LWB331	Administrative Law	12	3
LWB332	Property 2	12	3

Year 4, Semester 2

LWB233/2	Property 1	12	3
LWB234/2	Equity & Trusts	12	3
LWB333	Theories of Law	12	3
LWB334	Corporate Law	12	3

Year 5, Semester 1

LWB364	Introduction to Taxation Law	12	3
LWB431	Civil Procedure	12	3

LWB432	Evidence	12	3
	Elective Units*		

Year 5, Semester 2

LWB359	Advanced Taxation Law	8	2
LWB433	Professional Responsibility	12	3
LWB434	Advanced Research & Legal Reasoning	12	3
	Elective Units*		

Bachelor of Business (Accountancy)/Bachelor of Laws (IF31) Full-Time Course Structure (continuing students only)

Year 4, Semester 1

LWB233/1	Property 1	12	3
LWB234/1	Equity & Trusts	12	3
LWB303/1	Commercial Law	12	3
LWB311/1	Administrative Law	12	3
	Law Elective Unit	8-12	2-3

Year 4, Semester 2

LWB233/2	Property 1	12	3
LWB234/2	Equity & Trusts	12	3
LWB303/2	Commercial Law	12	3
LWB311/2	Administrative Law	12	3
	Law Elective Unit	8-12	2-3

Year 5, Semester 1

LWB309	Succession	8	2
LWB401/1	Company Law & Partnership	12	3
LWB402	Evidence	12	3
LWB403/1	Taxation Law	12	3
LWB404/1	Civil Procedure	12	3
LWB415/1	Legal Research & Writing 2	4	1
LWB462	Securities	8	2

Year 5, Semester 2

LWB361	Drafting	8	2
LWB401/2	Company Law & Partnership	12	3
LWB403/2	Taxation Law	12	3
LWB404/2	Civil Procedure	12	3
LWB409	Professional Conduct (5 weeks)	2	2
LWB415/2	Legal Research & Writing 2	4	1

Elective Units

The offering of elective units in any semester depends on sufficient minimum enrolments in the unit and the availability of staff. For availability of law elective offerings, refer to relevant section in the Bachelor of Laws course entry in the Faculty of Law section.

* A student is required to complete 32 credit points of elective units and must normally enrol in a minimum of an 8 credit point elective in a semester. A student may undertake as electives units offered by other faculties or schools but limitations are imposed on the number of introductory units which may be undertaken. Before undertaking such units, a student must obtain the approval of the Faculty of Law and the faculty or school responsible for the unit or course. Approval by the Faculty of Law will require a student to demonstrate that the units selected form a coherent program.

■ Bachelor of Information Technology/Bachelor of Laws (IF38)

Location: Gardens Point campus

Course Duration: 5 years full-time

Total Credit Points: 528

Standard Credit Points/Full-Time Semester: 52.8

Course Coordinators:

Information Technology – Mr Bob Smyth; Law – Professor Malcolm Cope

Professional Recognition

This course is accredited by the Australian Computer Society as meeting the knowledge requirements associated with the grade of 'Member' of the Society. For information on the academic requirements of the Solicitor's or Barristers' Board of Queensland, refer to the section on professional recognition in the Bachelor of Laws course entry in Law section of the Handbook.

Transitional Arrangements

In 1994 the Law Faculty will offer a restructured Bachelor of Laws degree. The restructured degree will affect the Law component of the Bachelor of Information Technology/Bachelor of Laws degree offered by the University. The first two years of the four-year full-time program (or the equivalent units in other combined Law programs) will be introduced in 1994. The final two years of the four-year full-time program (or the equivalent units in other combined Law programs) will be introduced in 1995.

Students who commenced the old course structure (IF33) after 1 January 1993 automatically transfer to the new course structure (IF38) and must complete 528 credit points to be eligible to graduate.

Students deemed to have completed the equivalent of Stage 1 (of the four-year full-time Law program) or the second year only of the existing program (IF33) automatically transfer to the third year of the new program (IF38).

Students deemed to have commenced Stage 2 (of the four-year full-time Law program) or the third year of the existing program (IF33) must complete the old course structure (IF33) to be eligible to graduate.

Students will be transferred by using calculations that establish the 'stage' of a program which a student has completed. The Student Information System equates Stage I with the number of credit points equal to the total for those first year units (or equivalents) prescribed in the course structure for the Bachelor of Laws degree (LW31).

Full Time Course Structure (IF38)

		Credit Points	Contact Hrs/Wk
Year 1, Semester 1			
ITB101	Laboratory 1 (Computing Environments)	12	3
ITB210	Formal Representation	12	3
ITB310	Information Management 1	12	3
ITB410	Software Development 1	12	3
Year 1, Semester 2			
BSB103	Business Communications & Applications	12	3
ITB102	Laboratory 2 (Computer Applications)	12	3

ITB411	Software Development 2	12	3
ITB412	Technology of Information Systems	12	3
Year 2, Semester 1			
ITB220	Database Design	12	3
ITB221	Laboratory 3 (Commercial Programming)	12	3
ITB520	Data Communications	12	3
LWB130	Introduction to Study in Law (2 weeks)		
LWB131/1	Law in Context	12	3
LWB134	Research & Legal Reasoning	12	3
Year 2, Semester 2			
ITB222	Systems Analysis & Design 1	12	3
ITB223	Laboratory 4 (4GL Programming)	12	3
LWB131/2	Law in Context	12	3
LWB135	Legislation	12	3
Year 3, Semester 1			
ITB230	Project	12	3
ITB232	Database Management	12	3
LWB132/1	Contracts	12	3
LWB133/1	Torts	12	3
LWB232/1	Criminal Law & Procedure	12	3
Year 3, Semester 2			
ITB241	Information Systems Management	12	3
LWB132/2	Contracts	12	3
LWB133/2	Torts	12	3
LWB232/2	Criminal Law & Procedure	12	3
Year 4, Semester 1			
LWB231	Introduction to Public Law	12	3
LWB233/1	Property 1	12	3
LWB234/1	Equity & Trusts	12	3
LWB332	Property 2	12	3
Year 4, Semester 2			
LWB233/2	Property 1	12	3
LWB234/2	Equity & Trusts	12	3
LWB235	Australian Federal Constitutional Law	12	3
LWB334	Corporate Law	12	3
Year 5, Semester 1			
LWB331	Administrative Law	12	3
LWB431	Civil Procedure	12	3
LWB432	Evidence	12	3
	Elective Units*		
Year 5, Semester 2			
LWB333	Theories of Law	12	3
LWB433	Professional Responsibility	12	3
LWB434	Advanced Research & Legal Reasoning	12	3
	Elective Units*		

* A student is required to complete 48 credit points of elective units and must normally enrol in a minimum of one 8 credit point elective in a semester. A student may undertake as electives units offered by other faculties or schools but limitations are imposed on the number of introductory units which may be undertaken. Before undertaking such units, a student must obtain the approval of the Faculty of Law and the faculty or school responsible for the unit or course. Approval by the Faculty of Law will require a student to demonstrate that the units selected form a coherent program.

**Bachelor of Information Technology/Bachelor of Laws (IF33)
(continuing students only)**

Year 4, Semester 1

LWB233/1	Property 1	12	3
LWB234/1	Equity & Trusts	12	3
LWB303/1	Commercial Law	12	3
LWB311/1	Administrative Law	12	3
	Law Elective Unit	8-12	2-3

Year 4, Semester 2

LWB233/2	Property 1	12	3
LWB234/2	Equity & Trusts	12	3
LWB303/2	Commercial Law	12	3
LWB311/2	Administrative Law	12	3
	Law Elective Unit	8-12	2-3

Year 5, Semester 1

LWB309	Succession	8	2
LWB401/1	Company Law & Partnership	12	3
LWB402	Evidence	12	3
LWB403/1	Taxation Law	12	3
LWB404/1	Civil Procedure	12	3
LWB415/1	Legal Research & Writing 2	4	1
LWB462	Securities	8	2

Year 5, Semester 2

LWB361	Drafting	8	2
LWB401/2	Company Law & Partnership	12	3
LWB403/2	Taxation Law	12	3
LWB404/2	Civil Procedure	12	3
LWB409	Professional Conduct (5 weeks)	2	2
LWB415/2	Legal Research & Writing 2	4	1
	Law Elective Units	16-24	4-6

Elective Units

For availability of law elective units, refer to the Bachelor of Laws course entry in the Faculty of Law section. The offering of elective units in any semester will depend on sufficient minimum enrolments in the unit and the availability of staff. The selection of all electives is subject to the approval of the Dean of Faculty.

■ Bachelor of Engineering (Electronics)/Bachelor of Information Technology (IF23)*

Location: Gardens Point campus

Course Duration: 5 years full-time

Total Credit Points: 497

Standard Credit Points/Full-Time Semester: 46.7 (average)

Course Coordinators:

Information Technology – Mr Mike Roggenkamp

Engineering – Mr John Edwards

* See course requirements and notes relating to undergraduate courses in the Faculty of Built Environment and Engineering section.

Professional Recognition

This course is accredited by the Australian Computer Society as meeting the training and experience requirements for admission to the grade of Member of the Society. It is accredited by the Institution of Engineers, Australia, and the Institution of Radio and Electronics Engineers, Australia as meeting the training requirements for admission to Graduate membership of these Institutions.

Special Course Requirements

A candidate for the degree of **Bachelor of Engineering** must obtain at least 60 days of industrial employment/practice in an engineering environment approved by the course coordinator.

Candidates must, not later than the fourth week of semester immediately following each period of industrial employment/practice, submit to the course coordinator (through the Faculty Office) a report in the required format, describing the work carried out during the period of employment/practice and including an Industrial Experience Record Form signed by the employer. Industrial Experience Record Forms are available from the Faculty Industrial Employment Officer in Room 602 O Block, Gardens Point campus and also from the Faculty Office.

Students **should not formally enrol** in industrial employment/practice.

Full-Time Course Structure

Full-Time Course Structure		Credit Points	Contact Hrs/Wk
Year 1, Semester 1			
EEB101	Circuits & Measurements	7	3
EEB202	Electromagnetics	6	3
ITB101	Laboratory 1 (Computing Environments)	12	3
ITB210	Formal Representation	12	3
ITB410	Software Development 1	12	3
MAB187	Engineering Mathematics 1A	6	3
PHB132	Engineering Physics 1A	6	3
Year 1, Semester 2			
COB163	Professional Writing	6	1.5
EEB203	Circuit Analysis	5	3
EEB272	Digital Principles	3	1.5
ITB102	Laboratory 2 (Computer Applications)	12	3
ITB411	Software Development 2	12	3
ITB412	Technology of Information Systems	12	3
MAB188	Engineering Mathematics 1B	6	3
PHB232	Engineering Physics 2A	6	3
Year 2, Semester 1			
EEB302	Electrotechnology	6	3
EEB303	Network Theory 1	8	3
EEB362	Introduction to Communication Systems	6	3
EEB371	Electronic Devices	5	3
EEB372	Sequential Logic	7	3
ITB421	Data Structures & Algorithms	12	3
MAB493/1	Engineering Mathematics 2	6	3
Year 2, Semester 2			
EEB401	Network Theory 2	6	3
EEB471	Electronics	8	3
EEB474	Microprocessors	6	3
ITB420	Computer Architecture	12	3
ITB422	Laboratory 3 (ADTs in a UNIX Environment)	12	3

ITB431	Programming Language Paradigms	12	3
MAB493/2	Engineering Mathematics 2	6	3
Year 3, Semester 1			
EEB473	Integrated Circuits	6	3
EEB520	Control Engineering	6	3
EEB563	Signals & Linear Systems	6	3
EEB573	Industrial Electronics	6	3
EEB591	Systems Programming Languages	6	3
EEB661	Information Theory & Noise	6	3
MAB893	Engineering Mathematics 3	6	3
Year 3, Semester 2			
EEB587	Design 1	6	3
EEB602	Signal Processing	6	3
EEB967	Digital Communications	6	3
ITB430	Concurrent Systems	12	3
ITB440	Languages & Language Processing	12	3
MAB894	Engineering Mathematics 4	6	3
Year 4, Semester 1			
EEB620	Control Systems Analysis	6	3
EEB788	Design 2	8	3
EEB821	Production Technology & Quality	6	3
EEB968	Digital Signal Processing	6	3
EEB971	Applied Electronics	6	3
ITB424	Software Engineering Principles	12	3
Year 4, Semester 2			
EEB430	Engineering Fields	6	3
EEB621	Advanced Control Systems	6	3
EEB820	Engineering Management	8	3
EEB887	Design 3	6	3
ITB423	Laboratory 4 (Software Development)	12	3
ITB450	Advanced Computer Architectures	12	3
Year 5, Semester 1			
CSB980/1	Project OR	15	
EEB789/1	Project	15	6
EEB562	Transmission & Propagation	6	3
EEB891	Signal Computing & Real Time DSP	8	3
	Computing Elective Unit	12	3
	Electrical Elective Unit	7	3
Year 5, Semester 2			
CSB980/2	Project OR	15	
EEB789/2	Project	15	6
EEB888	Design 4	10	3
	Computing Elective Unit	12	3
	Electrical Elective Unit	7	3
Computing Elective Units			
ITB221	Laboratory 3 (Commercial Programming)	12	3
ITB222	Systems Analysis & Design 1	12	3
ITB224	Systems Analysis & Design 2	12	3
ITB441	Graphics	12	3
ITB442	Artificial Intelligence	12	3
ITB443	Systems Programming	12	3
ITB444	Special Studies 1	12	3
ITB445	Special Studies 2	12	3
ITB448	Object Technology	12	3

ITB449	Expert Systems	12	3
ITB543	Data Security	12	3
ITB548	Introduction to Cryptology	12	3
ITB560	Introduction to Cryptology	7	4
ITB561	Error Control & Data Compression	7	4
ITN546	Advanced Topics in Cryptology	12	4

Electrical Elective Units

EEB761	Statistical Communication	7	3
EEB841	Mining Electrotechnology	7	3
EEB922	Computer Controlled Systems	7	3
EEB951	High Voltage Equipment	7	3
EEB954	Electrical Energy Utilisation	7	3
EEB955	Power Electronics Applications	7	3
EEB956	Photovoltaic Engineering	7	3
EEB961	Communication Techniques	7	3
EEB962	Microwave Systems Engineering	7	3
EEB969	Digital Spectral Analysis	7	3
EEB972	Integrated Electronic Techniques	7	3

Note: Any advanced unit not previously completed in either the Electrical and Computer Engineering or Computing Science degree courses may be studied as an elective unit. Not all of these elective units will be run. See the Faculty Office/School noticeboards before enrolling.

■ Bachelor of Engineering (Manufacturing Systems)/Bachelor of Business (Marketing) (IF53)*

Location: Gardens Point campus

Course Duration: 5 years full-time

Total Credit Points: 559

Standard Credit Points/Full-Time Semester: 56

Course Coordinator: Mr Andre de Jong

Professional Recognition

Membership, The Institution of Engineers, Australia
Diploma, Australian Institute of Export

Special Course Requirements

A candidate for the degree of **Bachelor of Engineering** must obtain at least 60 days of industrial employment/practice in an engineering environment approved by the course coordinator.

Candidates must, not later than the fourth week of semester immediately following each period of industrial employment/practice, submit to the course coordinator (through the Faculty Office) a report in the required format, describing the work carried out during the period of employment/practice and including an Industrial Experience Record Form signed by the employer. Industrial Experience Record Forms are available from the Faculty Industrial Employment Officer in Room 602 O Block, Gardens Point campus and also from the Faculty Office.

Students **should not formally enrol** in industrial employment/practice.

* See course requirements and notes relating to undergraduate courses in the Faculty of Built Environment and Engineering section.

Full-Time Course Structure		Credit Points	Contact Hrs/Wk
Year 1, Semester 1			
CEB184	Engineering Mechanics 1	7	3
COB160	Professional Communication	12	3
CSB191	Introduction to Computing	4	2
MAB187	Engineering Mathematics 1A	6	3
MEB173	Manufacturing Practice	7	3
MKB140	Principles of Marketing	12	3
PHB132	Engineering Physics 1A	6	3
Year 1, Semester 2			
BSB102	Management & Organisation	12	3
CEB185	Engineering Mechanics 2	7	3
CSB291	Introduction to FORTRAN	4	2
EPB109	Business Methodology	12	3
MAB188	Engineering Mathematics 1B	6	3
MEB111	Dynamics	7	3
MEB133	Materials 1	6	3
Year 2, Semester 1			
ALB110	Business Law	12	3
EEB101	Circuits & Measurements	7	3
EPB116	Economic Principles	12	3
MAB493/1	Engineering Mathematics 2	6	3
MEB121	Engineering Graphics	6	3
MEB230	Materials 2	6	3
MEB250	Thermodynamics 1	6	3
Year 2, Semester 2			
AYB100	Accounting for Managers	12	3
EEB202	Electromagnetics	6	3
MAB493/2	Engineering Mathematics 2	6	3
MEB101	Design 1	8	3
MEB251	Thermodynamics 2	6	3
MEB471	Manufacturing Engineering 1	6	3
MKB142	Consumer Behaviour	12	3
Year 3, Semester 1			
HRB116	Innovation & Entrepreneurship	12	3
MEB313	Mechanics 1	6	3
MEB361	Fluids 1	6	3
MEB381	Design 2	6	3
MEB510	Noise & Vibrations	7	3
MEB571	Manufacturing Engineering 2	6	3
MKB141	Marketing Management	12	3
Year 3, Semester 2			
EEB272	Digital Principles	3	1.5
HRB131	Personnel Management & Industrial Relations	12	3
MEB231	Materials 3	6	3
MEB462	Fluids 2	6	3
MEB670	Industrial Engineering 1	6	3
MEB673	Manufacturing Engineering 3	7	3
MKB146	Services Marketing	12	3
Year 4, Semester 1			
EEB372	Sequential Logic	7	3
FNB107	Corporate Finance	12	3
ITB520	Data Communications	12	3
MEB463	Tribology	6	3
MEB771	Industrial Engineering 2	6	3

MEB773	Design for Manufacturing 1	7	3
MKB151	Marketing Research	12	3

Year 4, Semester 2

EEB474	Microprocessors	6	3
FNB120	International Finance	12	3
MEB640	Automation 1	7	3
MEB660	Fluid Power	6	3
MEB974	Design for Manufacturing 2	7	3
MEB976	Computer Integrated Manufacturing	7	3
MKB148	Marketing Decision Making	12	3

Year 5, Semester 1

MEB900/1	Manufacturing Project	12	3
MEB971	Knowledge Based Manufacturing Systems	7	3
MEB977	Computer Control of Manufacturing Systems	7	3
MKB143	Export Management	12	3
MKB149	International Marketing	12	3
	Group A Elective Unit	7	3

Year 5, Semester 2

MEB900/2	Manufacturing Project	12	3
MEB975	Design of Manufacturing Systems	7	3
MEB979	Manufacturing Resources Planning	7	3
MKB155	Strategic Marketing	12	3
HRB135	Small Business Management	12	3
	OR		
MKB153	Professional Marketing Practice	12	3
	Group B Elective Unit	7	3

Elective Units

GROUP A

MEB500	Special Topic 1	7	3
MEB531	Advanced Materials	7	3
MEB675	Plastics Technology	7	3

GROUP B

MEB483	Design 3	7	3
MEB601	Special Topic 2	7	3
MEB810	Industrial Noise & Vibrations	7	3

■ Bachelor of Surveying/Bachelor of Information Technology (IF54)*

Location: Gardens Point

Course Duration: 5 years full-time

Total Credit Points: 542

Standard Credit Points/Full-Time Semester: 55 (average)

Course Coordinators: Mr Jim Glasscock, Mr Michael Middleton

Professional Recognition

This course has been accredited by the Australian Computer Society as meeting the knowledge requirements associated with the grade of 'Member' of the Society and it

* Subject to final University approval. See Course requirements and notes relating to undergraduate courses in Faculty of Built Environment and Engineering section.

meets the requirements of the Surveyors Board of Queensland for registration as a surveyor, but not for licensing.

Special Course Requirements

Students must obtain at least 90 days of industrial employment/practice in a surveying environment approved by the course coordinator.

Students must, not later than the fourth week of semester immediately following each period of industrial employment/practice, submit to the course coordinator a report or diary in the required format, describing the work carried out during the period of employment/practice and including an Industrial Experience Record Form signed by the employer. Industrial Experience Record Forms are available from the School Office, Faculty Industrial Employment Officer in Room 602 O Block, Gardens Point campus and also from the Faculty Office. Should employment exceed the minimum required, it is strongly recommended that these details also be recorded in the report or diaries and certified by the employer as a record of experience which may be used when seeking registration or licensing by the Surveyors Board.

Students **should not formally enrol** in industrial employment/practice.

Students may be required to attend camps off-campus and/or practical sessions in the Moreton region.

Full-Time Course Structure

		Credit Points	Contact Hrs/Wk
Year 1, Semester 1			
BNB001	Learning at University	2	1.5
ITB101	Laboratory 1 (Computing Environments)	12	3
ITB210	Formal Representation	12	3
ITB310	Information Management 1	12	3
MAB187	Engineering Mathematics 1A	6	3
PSB325	Land Surveying 1	8	3
Year 1, Semester 2			
BSB103	Business Communications & Applications	12	3
ITB102	Laboratory 2 (Computer Applications)	12	3
ITB412	Technology of Information Systems	12	3
MAB188	Engineering Mathematics 1B	6	3
PSB054	Environmental Science	4	2
PSB326	Land Surveying 2	8	3
Year 2, Semester 1			
ESB519	Geology for Engineers	6	3
ITB220	Database Design	12	3
ITB410	Software Development 1	12	3
MAB494	Survey Mathematics 1	6	3
MEB121	Engineering Graphics	6	3
PHB132	Engineering Physics 1A	6	3
PSB327	Land Surveying 3	10	3
Year 2, Semester 2			
ITB411	Software Development	12	3
MAB496	Survey Mathematics 2	6	3
PHB172	Physics for Surveyors	6	3
PSB306	Cartography 1	8	3
PSB315	Land Administration 1	6	3
PSB334	Photogrammetry 1	6	3
PSB342	Spatial Information Science 1	8	3

Year 3, Semester 1

ITB320	Laboratory 3 (Database Applications)	12	3
ITB331	Information Management 2	12	3
MAB795	Survey Mathematics 3	6	3
MAB893	Engineering Mathematics 3	6	3
MEB221	Engineering Science 1	6	3
PSB307	Cartography 2	8	3
PSB340	Remote Sensing 1	6	3

Year 3, Semester 2

ITB323	Laboratory 4 (Information Support Methods)	12	3
PSB303	Analysis of Spacial Measurement 1	6	3
PSB308	Cartography 3	8	3
PSB317	Land Administration 3	8	3
PSB328	Land Surveying 4	8	3
SSB937	Applied Cognitive Psychology	12	3

Year 4, Semester 1

ITB321	Systems Analysis	12	3
PSB304	Analysis of Spacial Measurement 2	6	3
PSB309	Cartography 4	8	3
PSB329	Land Surveying 5	8	3
PSB333	Map Projections	6	3
PSB335	Photogrammetry 2	8	3
PSB346	Spheroidal Computations	6	3

Year 4, Semester 2

ITB341	Information Management 3	12	3
ITB520	Data Communications	12	3
PSB310	Geodesy 1	6	3
PSB330	Land Surveying 6	8	3
PSB336	Photogrammetry 3	8	3
PSB343	Spatial Information Science 2	8	3

Year 5, Semester 1

IFB880/1	Project	12	3
ITB330	Information Issues & Values	12	3
PSB316	Land Administration 2	8	3
PSB324	Land Studies 2	6	3
PSB344	Spatial Information Science 3	8	3
	Elective Unit (Business)	12	3

Year 5, Semester 2

IFB880/2	Project	12	3
PSB338	Professional Practice	6	3
PSB345	Spatial Information Science 4	8	3
	Elective Unit(s)	24	

Elective Units

General Elective units may be chosen from any unit in a QUT degree course subject to prerequisites and approval. The offering of elective units in any semester depends on sufficient minimum enrolments and availability of staff.

Recommended Business Elective units are:

		Credit Points	Contact Hrs/Wk
First Semester			
AYB100	Accounting for Managers	12	3
BSB102	Management & Organisation	12	3
COB144	Creative Language for Communicators	12	3
EPB150	Microeconomics	12	3

MJB118	Fundamentals of Photography	12	3
MJB126	Video Production	12	3
MKB140	Principles of Marketing	12	3

Second Semester

BSB102	Management & Organisation	12	3
COB134	Speech Communication: Theory & Practice	12	3
EPB124	Government	12	3
EPB140	Macroeconomics	12	3
HRB131	Personnel Management & Industrial Relations	12	3
MKB124	Public Relations Principles	12	3
MKB140	Principles of Marketing	12	3

Bachelor of Applied Science (Surveying)/Bachelor of Information Technology (IF52)*

Course Discontinued: This course has been replaced by the Bachelor of Surveying/Bachelor of Information Technology (IF54). There will be no intake into the Bachelor of Applied Science (Surveying)/Bachelor of Information Technology (IF52) in 1994. Years 2 to 5 are offered to continuing students only.

Location: Gardens Point campus

Course Duration: 4.5 years full-time

Total Credit Points: 470

Standard Credit Points/Full-Time Semester: 52 (average)

Course Coordinators: Mr Jim Glasscock, Mr Michael Middleton

Professional Recognition

This course has been accredited by the Australian Computer Society as meeting the knowledge requirements associated with the grade of 'Member' of the Society and it meets the requirements of the Surveyors Board of Queensland for registration as a surveyor, but not for licensing.

Special Course Requirements

Students must obtain at least 90 days of industrial employment/practice in a surveying environment approved by the course coordinator.

Students must not later than the fourth week of semester immediately following each period of industrial employment/practice, submit to the course coordinator a report or diary in the required format, describing the work carried out during the period of employment/practice and including an Industrial Experience Record Form signed by the employer. Industrial Experience Record Forms are available from the School Office, Faculty Industrial Employment Officer in Room 602 O Block, Gardens Point campus and also from the Faculty Office. Should employment exceed the minimum required, it is strongly recommended that these details also be recorded in the report or diaries and certified by the employer as a record of experience which may be used when seeking registration or licensing by the Surveyors Board.

Students should not formally enrol in industrial employment/practice.

* See course requirements and notes relating to undergraduate courses in the Faculty of Built Environment and Engineering section

Students may be required to attend camp off-campus and/or practical sessions in the Moreton region.

**Full-Time Course Structure
(continuing students only)**

Credit Points Contact Hrs/Wk

Year 2, Semester 1

ITB220	Database Design	12	3
ITB310	Information Management 1	12	3
ITB321	Systems Analysis	12	3
PSB315	Land Administration 1	6	3
SVB121	Land Surveying 1	13	6

Year 2, Semester 2

ITB411	Software Development	12	3
ITB520	Data Communications	12	3
PSB316	Land Administration 2	8	3
SSB937	Applied Cognitive Psychology	12	3
SVB212	Data Presentation 2A	2	1
SVB226	Land Surveying 2	13	6

Year 3, Semester 1

ITB320	Laboratory 3 (Database Applications)	12	3
PHB170	Physics for Surveyors	12	3
SVB311	Data Presentation 3	5	3
SVB331	Observations & Adjustments 1	4	2
SVB352/1	Land Studies A	6	3
SVB393	Land Surveying 3	10	5
SVB573	Land Administration 3	6	3

Year 3, Semester 2

ITB323	Laboratory 4 (Information Support Methods)	12	3
SVB343	Photogrammetry 1	6	3
SVB352/2	Land Studies A	6	3
SVB430	Land Surveying 4	9	4
SVB431	Observations & Adjustments 2	4	2
SVB442	Geodetic Computations	9	4

Year 4, Semester 1

ITB331	Information Management 2	12	3
ITB441	Graphics	12	2
MAB795	Survey Mathematics 3	6	3
SVB443	Photogrammetry 2	11	6
SVB535	Land Surveying 5	5	3
SVB551	Land Valuation	6	3

Year 4, Semester 2

IFB880/1	Project	12	3
ITB341	Information Management 3	12	3
SVB412	Cartographic Practice	5	3
SVB473	Land Information Systems 1	5	3
SVB636	Land Surveying 6	6	3
SVB682	Seminar 2	2	1
SVB688	Professional Practice A	4	2

Year 5, Semester 1

IFB880/2	Project	12	3
ITB330	Information Issues & Values	12	3
SVB563	Land Information Systems 2	4	2
	Elective Unit (Business)	12	3
	Elective Unit	12	3

Elective Units

General elective units may be chosen from any unit in a QUT degree course subject to prerequisites and approval. The offering of elective units in any semester depends on sufficient minimum enrolments in the unit and the availability of staff.

Recommended Business Elective Units are:

First Semester		Credit Points	Contact Hrs/Wk
AYB100	Accounting for Managers	12	3
BSB102	Management & Organisation	12	3
COB144	Creative Language for Communicators	12	3
EPB150	Microeconomics	12	3
MJB118	Fundamentals of Photography	12	3
MJB126	Video Production	12	3
MKB140	Principles of Marketing	12	3
Second Semester			
BSB102	Management & Organisation	12	3
COB134	Speech Communication: Theory & Practice	12	3
EPB124	Government	12	3
EPB140	Macroeconomics	12	3
HRB131	Personnel Management & Industrial Relations	12	3
MKB124	Public Relations Principles	12	3
MKB140	Principles of Marketing	12	3

■ New Opportunities in Tertiary Education (NOTE) Program (BN10)

Location: Gardens Point campus

Course Duration: 1 year part-time

Standard Credit Points/Part-Time Semester: 24

Coordinators: Mrs Jenny Danslow, Ms Deborah Messer

A one-year, part-time post-secondary studies program for women. The program provides bridging tuition to enable women who have the abilities – but who do not meet unit entry requirements – to undertake study in engineering, science, or technology courses at QUT.

This program assists with articulation into certain courses within the faculties of Built Environment and Engineering, Information Technology, and Science.

Students are guided into a study program which takes account of their background and the course to which entry is sought. Units are selected from the following list designed specifically for the NOTE program. Students also undertake two or three units from the first year of the course to which entry is sought.

		Credit Points	Contact Hrs/Wk
CHS200	Chemistry	6	3
ITB001	Computing Practice (NOTE) 1	6	3
ITB002	Computing Practice (NOTE) 2	6	3
MAS090	Mathematics (a full year unit)	12	3
PHS021	Introductory Physics	6	3