Programs

Undergraduate programs

Diploma of Science (DPSC) - DipSci

QTA

Program Information Set

View UniSQ's admission criteria, student profiles and a summary of all offers made under Course Admission Information Set via the QTAC website.

Admission requirements

To be eligible for admission, applicants must satisfy the following requirements:

- Have achieved a minimum Australian Tertiary Admission Rank (ATAR) of **61.5**, or equivalent qualification.^

- English Language Proficiency requirements for Category 2.

Applicants are advised to also note the following:

- Assumed knowledge expectations: English and General Mathematics

All students are required to satisfy the applicable English language requirements.

If students do not meet the English language requirements they may apply to study a University-approved English language program..

by the University of Southern Queensland, subject to Faculty approval, or 6 units if undertaking the Wildlife Management major.

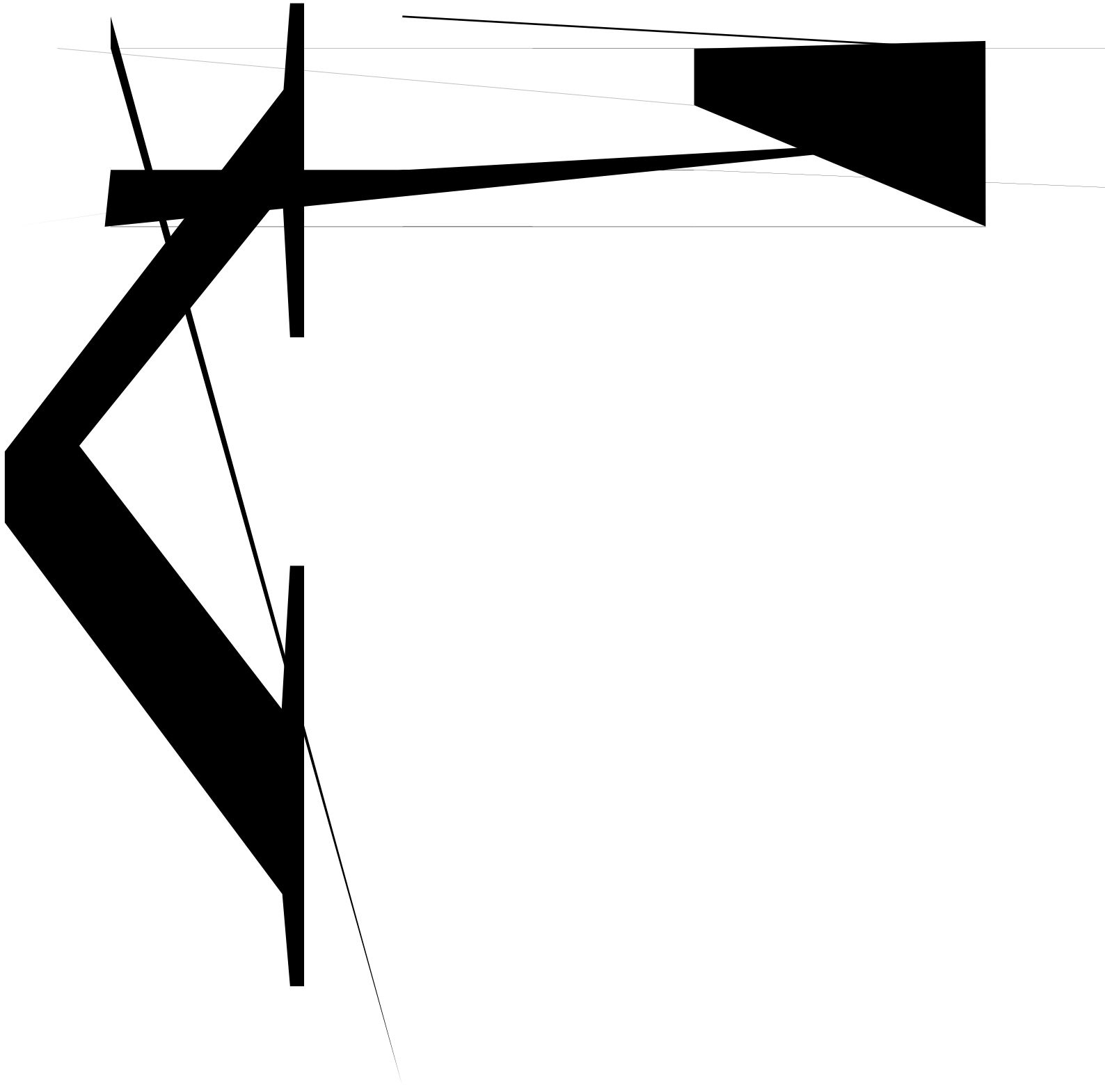
Biology major - recommended electives (Complete either the two recommended electives below or two (2) elective units chosen from any level 1 or 2 course offered by the University of Southern Queensland, subject to Program Director approval):

Courses	Semester(s) Offered	Mode
CHE1110 Chemistry 1	1	ONC, EXT*
CHE2120 Chemistry 2	2	ONC, EXT*

Footnotes

* This offering has a highly recommended residential school (linked to an assessment item and non-attendance will mean a student misses an element for assessment preparation or an element of assessment).

Computing/IT majors) Of



Courses	Semester(s) Offered	Mode
STA2100 Evaluating Information*	2	ONC, ONL
BIO1101 Biology 1	1	ONC, EXT

Footnotes

* Unavailable in on-campus mode in 2022

General Science major

Any four (4) level 1 or 2 approved courses included in the or Diploma of Science, plus any two (2) approved elective courses chosen from any level 1 or 2 course offered by the University of Southern Queensland, subject to pre-requisite requirements and Program Director approval.

Mathematics major

Physical Sciences major - recommended electives (Complete either the two recommended electives below or two (2) elective units chosen from any level 1 or 2 course offered by the University of Southern Queensland, subject to Program Director approv

- WLF2201 Vertebrate Pests and Biosecurity

Articulation

Recommended Enrolment Pattern - Computing/IT - Full-time

Students are able to enrol in any offered mode of a course (on-campus, external or online), regardless of the program mode of study they enrolled in.

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Recommended Enrolment Pattern - Computing/IT - Part-time

Students are able to enrol in any offered mode of a course (on-campus, external or online), regardless of the program mode of study they enrolled in.

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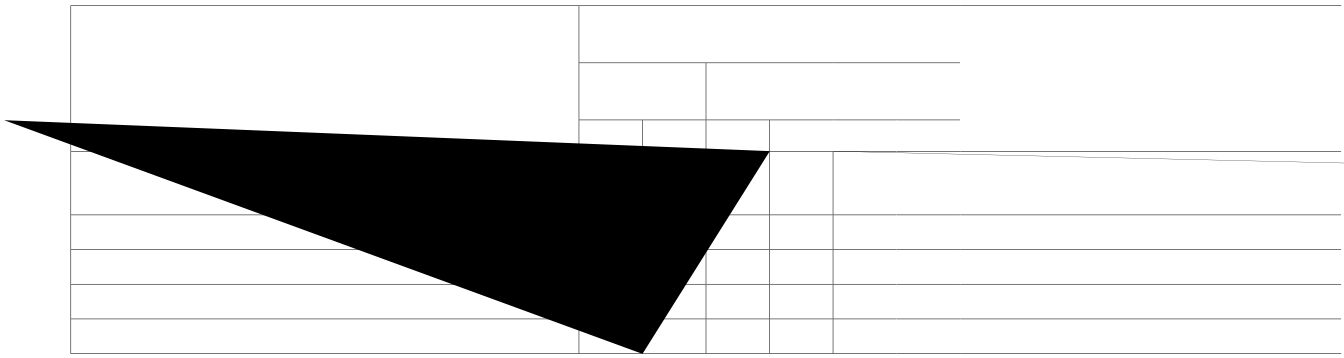

Recommended Enrolment Pattern - Physic [redacted] e

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Recommended Enrolment Pattern - Wildlife Management - Part-time

Students are able to enrol in any offered mode of a course (on-campus, external or online), regardless of the program mode of study they enrolled in.

Diploma of Science Foundations (DOSF) - DipSF

This program is offered only to continuing students. No new admissions will be accepted. Students who are interested in this study area should consider the FDUS Foundation Diploma of University Studies which will be offered from Semester 2, 2016.

	Online #
Start:	No new admissions
Fees:	Commonwealth supported place Domestic full fee paying place International full fee paying place
Residential school:	Some Science courses have compulsory residential schools
Standard duration:	1 year full-time, 3 years part-time
Program articulation:	To:

Notes:

The Science courses are available on-campus and by distance education. Details on these faculty-specific offerings can be found from the undergraduate Science programs.

The number of units credited towards the ; will depend on the courses studied and the major selected in the ; .

Footnotes

The first four courses are compulsory and are only available online.

Contact us

	Current students
	Ask a question Freecall (within Australia): 1800 007 252 Phone (from outside Australia): +61 7 4631 2285 Email usq.support@usq.edu.au

Program aims

This is a generalist and collaborative program offered by the Open Access College and the Faculty of Health, Engineering and Sciences. The first four courses provide students with the necessary skills and knowledge that are essential for success at the university level of study. The remaining courses from the Faculty of Health, Engineering and Sciences provide foundation science knowledge and skills in the series of four science courses studied.

Program objectives

On the successful completion of the Diploma of Science Foundations graduates will have:

- demonstrated an ability to successfully study foundation science courses
- acquired sufficient knowledge about foundation science and science programs of study to make an informed choice about further undergraduate study in the Faculty of Health, Engineering and Sciences
- developed an awareness of the nature of the study of foundation courses in the Faculty of Health, Engineering and Sciences
- developed foundation science knowledge, skills and competencies in a series of first year science courses

Admission requirements

To be eligible for admission, applicants must satisfy the following requirements:

There is no specified minimum educational achievement entrance standard.

Normally, to be eligible for enrolment in the program a person will have attained an age of at least 18 years in the year of the proposed enrolment.

Students will need to complete the online application form for entry to the Diploma Programs. All applicants are required to complete online diagnostic tests in Mathematics, e-literacy, and English Communication Skills. Applicants will then be given advice detailing whether the Diploma Program is the most appropriate pathway for them to undertake. Some students may be advised to undertake the Tertiary Preparation Program .

All students are required to satisfy the applicable English language requirements.

If students do not meet the English language requirements they may apply to study a University-approved English language program. On successful completion of the English language program, students may be admitted to an award program.

Program fees

Commonwealth supported place

A Commonwealth supported place is where the Australian Government makes a contribution towards the cost of a students' higher education and students pay a student contribution amount, which varies depending on the courses undertaken. Students are able to calculate the fees for a particular course via the Course Fee Schedules.

Commonwealth Supported students may be eligible to defer their fees through a Government loan called HECS-HELP.

Domestic full fee paying place

Domestic full fee paying places are funded entirely through the full fees paid by the student. Full fees vary depending on the courses that are taken. Students are able to calculate the fees for a particular course via the Course Fee Schedule

Domestic full fee paying students may be eligible to defer their fees through a Government loan called FEE-HELP provided they meet the residency and citizenship requirements.

Australian citizens, Permanent Humanitarian Visa holders, Permanent Resident visa holders and New Zealand citizens who will be resident outside Australia for the duration of their program pay full tuition fees and are not eligible for FEE-Help.

International full fee paying place

International students pay full fees. Full fees vary depending on the courses that are taken and whether they are studied on-campus, via distance education/online. Students are able to calculate the fees for a particular course via the Course Fee Schedules.

Program structure

This Program consists of four core courses followed by four courses of foundation studies in science. Students must successfully complete the four compulsory core courses before they will be enrolled in the four science courses of foundation studies.

Core courses

There are four compulsory courses:

- DIP1000 E-Literacy for Contemporary Society
- DIP1001 Academic and Professional English
- DIP1002 Strategies for Successful Study
- DIP1003 Essential Mathematics

DIP1000 E-Literacy for Contemporary Society and DIP1002 Strategies for Successful Study are co-requisites: they must be studied together, and they must be the first courses undertaken.

For part-time students, DIP1001 Academic and Professional English and DIP1003 Essential Mathematics must be studied after DIP1000and DIP1002. All four courses can be taken in a single semester for those pursuing full-time studies.

Foundation studies in Science courses

After completing the four compulsory courses students can select four courses from the following selection of foundation courses [*]:

- PSY1010 Foundation Psychology A
- PSY1020 Foundation Psychology B
- CSC1402
- CSC1401 Foundation Programming
- STA2300
- MAT1000 Mathematics Fundamentals
- BIO1101 Biology 1 [^ §]
- CHE1110 Chemistry 1 [^ §]
- PHY1104 Physics 1
- REN1201 Environmental Studies
- PHY1101 Astronomy 1
- BIO2103 Biology 2 [^]
- CHE2120 Chemistry 2 [^]
- PHY1911 Physics 2
- PHY1107 Astronomy 2
- CLI1110 Weather and Climate
- MAT1100 Foundation Mathematics

^ These courses have a compulsory residential school.
§ BIO1101 and CHE1110 are prerequisites of BIO2103 and CHE2120: they must be studied first.

* The number of units of credited towards the will depend on the courses studied and the major chosen in the .

Program completion requirements

To successfully complete the Diploma of Science Foundations students must successfully complete the four compulsory core courses, and also the four science foundation courses.

Required time limits

Students have a maximum of three years to complete this program.

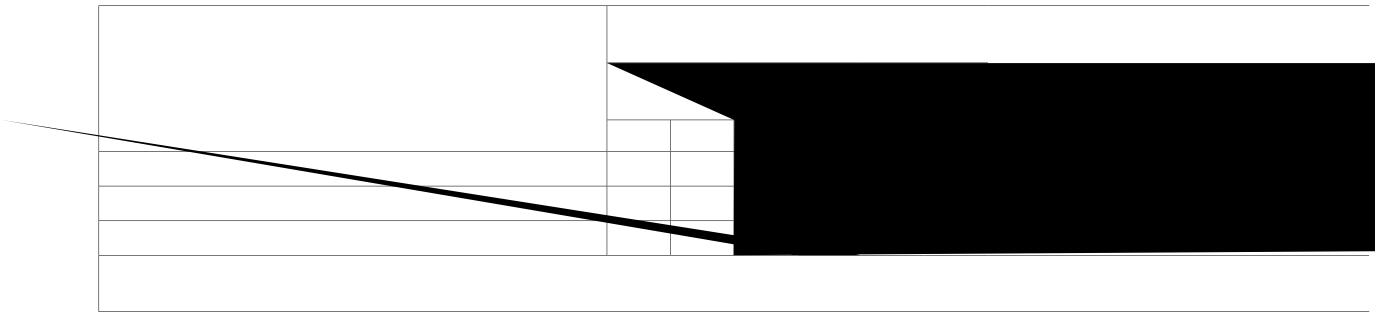
IT requirements

Students must have reliable and ready access to email and the Internet. Broadband access is required for the four compulsory core courses. Students should have access to a scanner for DIP1003 Essential Mathematics. For information technology requirements, please see the minimum computing standards

Students are able to enrol in any offered mode of a course (on-campus, external or online), regardless of the program mode of study they enrolled in.

Students undertaking the Diploma of Science Foundations must complete the four compulsory courses first. DIP1000 and DIP1002 are co-requisites and must be taken first, and at the same time.

The recommended enrolment patternMathematO.977ternasct four courses froF5 66 time. §



Diploma of Wine (DWIN) - DipWin

QTAC code (Australian and New Zealand applicants): External: 906445

	External
Start:	Semester 1 (February)
Fees:	Commonwealth supported place Domestic full fee paying place
Residential school:	Queensland College of Wine Tourism, Stanthorpe, Queensland
Standard duration:	1 year full-time or equivalent part-time

Contact us

Future Australian and New Zealand students	Current students
Ask a question Freecall (within Australia): 1800 269 500 Phone (from outside Australia): +61 7 4631 5315 Email: study@usq.edu.au	Ask a question Freecall (within Australia): 1800 007 252 Phone (from outside Australia): +61 7 4631 2285 Email: usq.support@usq.edu.au

Program aims

This program will prepare students for careers in the grape growing, wine making or wine business sectors. This is a program providing students with the necessary skills and the knowledge of fundamental concepts in the wine science major.

Program objectives

On completion of this program graduates should be able to:

- display theoretical and technical knowledge of viticulture, wine production or wine business fundamentals
- effectively apply relevant cognitive and technical skills associated with grape or wine production or wine business enterprise
- communicate effectively using digital, verbal and written forums with industry and peers in order to transfer knowledge to a range of audiences
- evaluate and apply a range of possible solutions to a variety of industry based scenarios
- take responsibility for their own learning and make appropriate decisions in matters pertaining to their own safety and wellbeing
- function effectively as a team member, including taking directions from others.

Australian Qualifications Framework

The Australian Qualifications Framework (AQF) is a single national, comprehensive system of qualifications offered by higher education institutions (including universities), vocational education and training institutions and secondary schools. Each AQF qualification has a set of descriptors which define the type and complexity of knowledge, skills and application of knowledge and skills that a graduate who has been awarded that qualification has attained, and the typical volume of learning associated with that qualification type.

This program is at AQF Qualification Level 05. Graduates at this level will have specialised knowledge and skills for skilled/paraprofessional work and/or further learning.

The full set of levels criteria and qualification type descriptors can be found by visiting www.aqf.edu.au.

Program Information Set

View UniSQ's admission criteria, student profiles and a summary of all offers made under Course Admission Information Set via the QTAC website.

Admission requirements

To be eligible for admission, applicants must satisfy the following requirements:

- Have achieved a minimum Australian Tertiary Admission Rank (ATAR) of **61.5**, or equivalent qualification.^

- English Language Proficiency requirements for Category 2.

Applicants are advised to also note the following:

- Assumed knowledge expectations: English and General Mathematics or equivalent

All students are required to satisfy the applicable English language requirements.

If students do not meet the English language requirements they may apply to study a University-approved English language program. On successful completion of the English language program, students may be admitted to an award program.

^ These are determined by the University for specific programs each Semester. The 2021 ATAR and tertiary entrance ranks are based on agreed QTAC schedules which assess formal study at Year 12 or equivalent level, tertiary, preparatory, professional or vocational qualifications or work experience, as detailed in the QTAC Assessment of Qualifications Manual and QTAC Assessor Guidelines.

Adjustment factors may help you get into the program of your choice by increasing your entrance rank. The additional points don't apply to all applicants or all programs. Please read the information about UniSQ's Adjustment Factors carefully to find out what you may be eligible for.

Program f

Required time limits

Students have a maximum of 3 years to complete this program.

Core courses

Core Course	Semester(s) Offered	Mode of Offer
WIN1101 Grape and Wine Production	S1	ONL
WIN2200 Viticultural and Winemaking Practice*	S1	EXT
WIN1102 Wine Production Skills*#	S1	EXT

Footnotes

* Mandatory Residential School
\# Two unit course

Minor Studies

The minor study provides students with knowledge and skills in a specific area or specialisation. A minor study in a program is a group of four units of courses that provides students an appropriate breadth of study in an area of specialisation. Students must complete four (4) units from the minors listed below.

The minor studies available are:

- Grape Gro

Bachelor of Science or Bachelor of Science (Psychology) (BSClorBSCP) - BSc or BSci(Psychology)

QTA

- Assumed knowledge expectations: English.

Astr

- Assumed knowledge expectations: English.
- Recommended prior study: Mathematical Methods and one of Biology, Chemistry or Physics or equivalent. If students do not have the recommended Mathematical Methods Level for entry then they will be required to undertake MAT1000 Mathematics Fundamentals as an elective.

Information Technology (12 unit major)

Subject Pre-requisite: General Mathematics (Units 3 & 4, C) or equivalent.

Applicants are advised to also address the following:

- Assumed knowledge expectations: English.
- Recommended Prior Study: Mathematical Methods * or equivalent.

* UniSQ College has courses available via Tertiary Preparation Program which will allow students to up-skill in Mathematics prior to entry.

Mathematics (8 unit major)

Subject Pre-requisite: Mathematical Methods (Units 3 & 4, C) or equivalent.

Applicants are advised to also address the following:

- Assumed knowledge expectations: English.

Mathematics and Statistics (12 unit major)

Subject Pre-requisite: Mathematical Methods (Units 3 & 4, C) or equivalent.

Applicants are advised to also address the following:

- Assumed knowledge expectations: English.

Physical Sciences (8 unit major)

Subject Pre-requisite: Mathematical Methods (Units 3 & 4, C) or equivalent.

Applicants are advised to also address the following:

- Assumed knowledge expectations: English.
- Recommended prior study: One of Biology, Chemistry or Physics or equivalent.

Plant Agricultural Science (8 unit major)

Subject Pre-requisite: General Mathematics (Units 3 & 4, C) or equivalent.

Applicants are advised to also address the following:

- Assumed knowledge expectations: English.
- Recommended Prior Study: Mathematical Methods and one of Biology, Chemistry or Physics or equivalent. If students do not have the recommended Mathematical Methods Level for entry then they will be required to undertake MAT1000 Mathematics Fundamentals as an elective.

BSCP - Psychology (12 unit major)

Applicants are advised to also address the following:

- Assumed knowledge expectations: English; General Mathematics or equivalent.

BSCP - Psychology Extended (16 unit major)

Applicants are advised to also address the following:

- Assumed knowledge expectations: English; General Mathematics or equivalent.

Statistics (8 unit major)

Subject Pre-requisite: Mathematical Methods (Units 3 & 4, C) or equivalent.

Applicants are advised to also address the following:

- Assumed knowledge expectations: English.

Wildlife Management (8 unit major)

Subject Pre-requisite: General Mathematics (Units 3 & 4, C) or equivalent.

Applicants are advised to also address the following:

- Assumed knowledge expectations: English.
- Recommended prior study: Mathematical Methods and one of Biology, Chemistry or Physics or equivalent. If students do not have the recommended Mathematical Methods Level for entry then they will be required to undertake MAT1000 Mathematics Fundamentals as an elective.

Wine Science (8 unit major)

Subject Pre-requisite: General Mathematics (Units 3 & 4, C) or equivalent.

Applicants are advised to also address the following:

- Assumed knowledge expectations: English.
- Recommended prior study: Mathematical Methods and one of Biology, Chemistry or Physics or equivalent. If students do not have the recommended Mathematical Methods Level for entry then they will be required to undertake MAT1000 Mathematics Fundamentals as an elective.

All students are required to satisfy the applicable English language requirements.

If students do not meet the English language requirements they may apply to study a Univ

Program fees

Commonwealth supported place

A Commonwealth supported place is where the Australian Government makes a contribution towards the cost of a students' higher education and students pay a student contribution amount, which varies depending on the courses undertaken. Students are able to calculate the fees for a particular course via the Course Fee Schedules.

Commonwealth Supported students may be eligible to defer their fees through a Government loan called HECS-HELP.

Domestic full fee paying place

Domestic full fee paying places are funded entirely through the full fees paid by the student. Full fees vary depending on the courses that are taken. Students are able to calculate the fees for a particular course via the Course Fee Schedule

Domestic full fee paying students may be eligible to defer their fees through a Government loan called FEE-HELP provided they meet the residency and citizenship requirements.

Australian citizens, Permanent Humanitarian Visa holders, Permanent Resident visa holders and New Zealand citizens who will be resident outside Australia for the duration of their program pay full tuition fees and are not eligible for FEE-Help.

International full fee paying place

International students pay full fees. Full fees vary depending on the courses that are taken and whether they are studied on-campus, via distance education/online. Students are able to calculate the fees for a particular course via the Course Fee Schedules.

Program structure

The Bachelor of Science (BSCI) consists of 24 units comprising 4 core units of Foundation Studies courses with either a first 16, 12 or 8-unit major, a second 8-unit major or 4-unit minor and/or approved elective courses as specified for each major as follows:

- one 16-unit BSCI major, 4-unit Foundation Studies and one 4-unit minor
- one 16-unit BSCI major, 4-unit Foundation Studies and 4 units of elective courses
- one 12-unit BSCI major, 4-unit Foundation Studies and one 8-unit major*^
- one 12-unit BSCI major, 4-unit Foundation Studies, one 4-unit minor and 4 units of elective courses
- one 12-unit BSCI major, 4-unit Foundation Studies and 8 units of elective courses
- one 8-unit BSCI major, 4-unit Foundation Studies, one 8-unit major *and 4 units of elective courses*
- one 8-unit BSCI major, 4-unit Foundation Studies and 12 units of elective courses approved by the Program Director.

The second 8-unit major can be chosen from any approved 8-unit major in the University. Students should ensure that they complete the appropriate courses ni

The Foundation knowledge courses for each major are listed in the table below. Students wishing to vary foundation studies must contact the Program Director for approval.

BSCP - Psychology Extended (16-unit major)

BSCP - Psychology Extended major objectives

The Bachelor of Science (Psychology Extended) (BSCP) program aims to produce graduates who have advanced knowledge and skills in psychology. Participation in the capstone experience will provide students with the acquired ability to research independently, apply theory and develop academic expertise in their chosen focus of area in psychology. The Program will extend student's appreciation of the contributions made by psychologists to society.

Many people who study psychology will not go on to become psychologists, but will find their training in psychology to be highly relevant and useful in their lives and work. Those who do become psychologists may work in a variety of settings including hospitals, schools, government bodies, large corporations, or in private practice. The BSCP - Psychology Extended major will provide students with a broader knowledge of psychology-related knowledge and skills, which more than satisfy the minimum requirements for affiliate membership of relevant professional bodies, most notably the Australian Psychological Society.

Graduates who have completed the Extended major in Psychology (BSCP) will be able to:

- apply knowledge of the breadth and depth of the major fields in contemporary Psychology to describe and explain human behaviour in multiple contexts:
- systematically apply this knowledge in specific contexts such as mental health (clinical psychology), the workplace (organisational psychology), legal settings (law and psychology), education or sport psychology.
- conduct research and report the findings to lay persons and the scientific community at large
- prepare and develop a portfolio, which documents learning of identified outcomes and reflections of metacognitive processes
- develop a broad range of skills, which are suited to occupations requiring the study or application of behavioural science in both the public and private sector

BSCP - Psychology Extended Major Courses

This is a 16-unit extended major. Along with the Foundation Studies courses prescribed above, students must take the following 16 units of courses:

|| Unavailable in on-campus mode at Ipswich in S2 2022
* The on-campus offering will not be available in 2022

To complete the award, students taking a 16-unit extended major must additionally undertake one of the following choices:

- 4 units of general elective courses; these can be selected from the list of psychology approved courses, or from any discipline, and may be at any year level, or
- one 4-unit minor.

Minor studies

Minor studies are a set of courses as defined in the Minor Studies section of the Handbook.

Electives

General electives can be selected from the table of psychology approved courses below or from any courses at Levels 1, 2 and 3 offered by UniSQ subject to satisfaction of pre-requisite requirements, timetabling constraints, quotas, and program requirements. Please note that Diploma of Science Foundation core courses are not permitted as electives and students must not take more than ten level 1 courses in the program overall.

Unsuitable electives

For various reasons, the following courses will not be approved as electives for students majoring in Bachelor of Science (Psychology Extended) (BSCP) program:

DIP1002 Strategies for Successful Study, DIP1003 Essential Mathematics and DIP1004 Mathematical Literacy.

Psychology Extended (BSCP) approved elective courses

Mathematics and Statistics Major Courses

This is a 12-unit major. Along with the Foundation Studies courses prescribed above, students must take the following 8 units of core major courses and choose four courses from the approved major courses.

Students will require the approval of the Faculty of Health, Engineering and Sciences if they wish to include MAT1000 Mathematics Fundamentals, MAT1100 Foundation Mathematics, ENM1500 Introductory Engineering Mathematics, MAC1901 and CSC1402 as electives towards the Bachelor of Science program majoring in Mathematics and Statistics.

Information Technology (12-unit major)

Information Technology Major Objectives

Graduates who have completed the major in Information Technology will be able to:

- work as a professional in the Information Technology industry
- show a sound understanding of several key areas of computing
- have a broad knowledge in computing
- have basic skills in software development and computer systems
- show sound presentation and communication skills required in the computing industry
- satisfy academic admission requirements for membership of relevant professional bodies.

Information Technology Major Courses

The Bachelor of Science (Information Technology) consists of 24-units comprised of:

- 4 foundation courses;
- 12 information technology courses listed below;
- 8 units comprised of either:
  - a second major, excluding the Computing major; or
  - 4 units of electives and one 4 unit minor; or
  - 8 units of electives.

Courses	Semester(s) Offered	Mode
ELE1301 Computer Engineering	1	ONC, ONL
CSC2401 Algorithms and Data Structures	2	ONC, ONL
CIS1000 Information Systems Concepts	1, 2, 3	ONC, ONL
CSC2402 Object-Oriented Programming in C++	1	ONC, ONL
CSC2408 Software Development T	1, 2	ONC, ONL

- MAT2409 High Performance Numerical Computing
- SCI3301 Science Project
- MAT3103 Mathematical Modelling and Dynamical Systems
- MAT3105 Harmony of Partial Differential Equations

Second Major

Students may choose to undertake an approved second major in Mathematics or Statistics.

Minor Studies

Minor studies are a set of courses as defined in the Minor Studies section of the Handbook.

Electives

General electives are courses chosen from other Level 1, 2 or 3 courses in the University. Students must not take more than ten level 1 courses in the program overall.

BSCP - Psychology (12-unit major)

BSCP - Psychology Major Objectives

Graduates who have completed the major in Psychology (BSCP) will be able to:

- demonstrate a sound understanding of the scope and focus of the major fields in contemporary Psychology
- gain employment in the public and private sectors as behavioural science graduates or as graduates with a broad range of skills
- satisfy the minimum requirements for affiliate membership of relevant professional bodies, most notably the Australian Psychological Society
- conduct research and report the findings to lay persons and the scientific community at large.

BSCP - Psychology Major Courses

This is a 12-unit major. Along with the Foundation Studies courses prescribed above, students must take the following 12 units of courses:

Second Major

Second majors can be chosen from any of the other eight-unit majors defined for the , (Biology or Human Physiology) or, with the approval of the Faculty of Health, Engineering and Sciences, from other eight-unit majors from other undergraduate programs in the University.

The double major Psychology (BSCP) and Human Physiology, will provide an appreciation of the connections between psychological and physiological aspects of human health and is highly recommended by the Faculty of Health, Engineering and Sciences.

The double major Psychology (BSCP) and Counselling, will provide an opportunity to develop skills in counselling in addition to completing the accredited sequence of psychology courses, which may enhance future career and employability prospects and is highly recommended by the Faculty of Health, Engineering and Sciences.

Other majors in the University which have been taken as a second major with psychology include

- Human Resource Management within the Bachelor of Business ..
- Management and Leadership within the Bachelor of Business ..
- Business Administration within the Bachelor of Business ..
- Anthropology within the Bachelor of Arts
- History within the Bachelor of Arts
- English Literature within the Bachelor of Arts

Students intending to take a second major should begin enrolment in these courses in the first year of full-time enrolment, or the second year of part-time enrolment.

Minor Studies

Minor studies are a set of courses as defined in the Minor Studies section of the Handbook.

Electives

General electives can be selected from the table of psychology approved courses below or from any courses at Levels 1, 2 and 3 offered by UniSQ subject to satisfaction of pre-requisite requirements, timetabling constraints, quotas and program requirements. Please note that Diploma of Science Foundation core courses are not permitted as electives. Students must not take more than ten level 1 courses in the program overall.

Unsuitable Electives

For various reasons, the following courses will not be approved as electives for students majoring in the Bachelor of Science (Psychology) (BSCP) program:

DIP1002 Strategies for Successful Study, DIP1003 Essential Mathematics and DIP1004 Mathematical Literacy.

Psychology Approved Courses

The recommended enrolment patterns for students with no exemptions, and the enrolment requirements for courses in the major, is given in the table that follows. If students are granted exemptions from specific compulsory courses or from approved courses, they may need to modify the recommended enrolment pattern.

Eight-unit majors

Eight-unit major objectives

The eight-unit majors are designed to:

- allow students to receive a broad-based education
- allow students to study at least one discipline area to Third Level
- prepare students for teaching in appropriate areas to Grade 12 level in Secondary Schools, subject to further study
- cater for students who aspire to professional studies that require a general first degree for admission
- form a basis for study at postgraduate diploma lev

BIO2107 Cell and Molecular Biology 1	1	ONC, EXT*
REN1201 Environmental Studies*	1	ONC, ONL
BIO2202 Plant Physiology	2	ONC, EXT*
BIO3318 Plant Microbe Interactions	2	ONC, EXT*
BIO3207 Cell and Molecular Biology 2	2	ONC, EXT*
REN3301 Biodiversity and Conservation	2	ONC, ONL

Footnotes

At least four (4) courses in the program will be at Level 3 and no more than 10 courses in the program will be at Level 1.

* This offering has a highly recommended residential school (linked to an assessment item and non-attendance will mean a student misses an element for assessment preparation or an element of assessment).

^ Mandatory residential school

To complete the award, students taking an eight-unit major must undertake either:

- one further 8 unit second major and 4 units of general elective courses or
- a further 12 units of approved courses negotiated with the F

To complete the award, students taking an eight-unit major must undertake either:

- one further 8 unit second major and 4 units of general elective courses or
- a further 12 units of approved courses negotiated with the Faculty of Health, Engineering and Sciences.

Second Major

Second majors can be chosen from any of the other eight-unit majors defined for the Bachelor of Science or, with the approval of the Faculty of Health, Engineering and Sciences, from other eight-unit majors from other undergraduate programs in the University.

Minor Studies

Minor studies are a set of courses as defined in the Minor Studies section of the Handbook.

Electives

General electives are courses chosen from other Level 1, 2 or 3 courses in the University. Students must not take more than ten level 1 courses in the program overall.

Unsuitable Electives

For various reasons, the following courses will not be approved as electives for students majoring in Computing in the Bachelor of Science program:

CSC1402 and CIS2000.

Counselling (8-unit major)

Graduates who have completed the major in Counselling will have an overview of counselling theories and practice and basic counselling skills. This major is not accredited externally with the PACFA however attendance at residential schools will contribute towards a proportion of the required number of hours to join a PACFA affiliate.

Counselling Major Courses

Compulsory Courses	Semester(s) Offered	Mode
CDS1001 Human Relations and Communications+	1	EXT
CDS1002 Counselling Skills*	2	EXT
CDS3002 Counselling Theory and Practice+	1	EXT
CDS3004 Counselling Theory and Practice 2#	1	EXT
Choose any four of the following courses		
CDS3001 Assessment and Report Writing in Counselling+	2	EXT
CDS3005 Counselling Theory and Practice 3+	2	EXT
PSY2050 Facilitation and Negotiation	2	ONC, ONL
EDU3325 Understanding Child Abuse and Ne	1,3	ONL

EDU3335 Managing Emotional and Behavioural Problems of Young People in the Helping Professions^	1,3	ONL
SCI3302 Industry Placement~	1, 2 & 3	ONC,EXT

Footnotes

+ Attendance at residential schools is recommended as residential school attendance will be recorded to enable the student to demonstrate that they meet a proportion of the required number of hours of face-to-face instruction/tuition for eligibility to join a PACFA affiliate upon graduation. Students not attending the residential school will not accrue any hours toward eligibility to join a PACFA affiliate upon graduation.
* Attendance at residential schools is highly recommended as residential school attendance will be recorded to enable the student to demonstrate that they meet a proportion of the required number of hours of face-to-face instruction/tuition for eligibility to join a PACFA affiliate upon graduation. Students not attending the residential school will not accrue any hours toward eligibility to join a PACFA affiliate upon graduation.
# Attendance at residential school is mandatory.
^ Students are required to enrol in EDU3325 and EDU3335 as early as possible in the required year of study as places are limited.
~ Numbers of enrolments are limited. Students must have an approved placement before being able to enrol. Students should request to enrol by contacting UniSQ.

To complete the award, students taking an eight-unit major must undertake either:

- one further 8 unit second major and 4 units of general elective courses or
- a further 12 units of approved courses negotiated with the Program Director.

Second Major

Second majors can be chosen from any of the other eight-unit majors defined for the Bachelor of Science or, with the approval of the Program Director, from other eight-unit majors from other undergraduate programs in the University.

Minor Studies

Minor studies are a set of courses as defined in the Minor Studies section of the Handbook.

Electives

General electives are courses chosen from other Level 1, 2 or 3 courses in the University. Students must not take more than ten level 1 courses in the program overall.

Residential Schools

CDS3004 Counselling Theory and Practice 2 - attendance at the Residential School for this course is mandatory.

CDS1002 Counselling Skills - attendance at the Residential School for this course is highly recommended.

CDS1001 Human Relations and Communications, CDS3001 Assessment and Report Writing in Counselling, CDS3002 Counselling Theory and Practice and CDS3005 Counselling Theory and Practice 3 - attendance at the Residential School for these courses is recommended.

Attendance will be recorded to enable the student to demonstrate that they meet a proportion of the required number of hours of face-to-face instruction/tuition for eligibility to join a PACFA affiliate upon graduation.

Environment and Sustainability (8-unit major)

Environment and Sustainability Major Objectives

Graduates who have completed the major in Environment and Sustainability will be able to:

- demonstrate more than a basic competence in climatology, physics, statistics and mathematics, environmental science, ecology and conservation, natural resource management and sustainability
- demonstrate a detailed knowledge of major environmental issues, human impacts and key climate mechanisms and apply this knowledge towards more sustainable environmental and resource management
- have a sound comprehension of the social, political and environmental implications of human impacts and global environmental changes
- apply the principles of sustainability in a wide diversity of professional opportunities

Environment and Sustainability Major Courses

Human Physiology (8-unit major)

Human Physiology Major Courses

Choose 8 courses from the following, with at least two being Level 3 courses (provided prerequisites have been met).

MAT3201 Operations Research 2**	1	ONC, ONL

Footnotes

* The on-campus offering of this course is offered in even years only.

** The on-campus offering of this course is offered in odd years only.

To complete the award, students taking an eight-unit major must undertake either:

- one further 8 unit second major and 4 units of general elective courses or
- a further 12 units of approved courses negotiated with the Faculty of Health, Engineering and Sciences.

Note: If enrolled in this 8-unit Mathematics major, students cannot also enrol in the 8-unit Statistics major or the 12-unit Mathematics and Statistics major. If students wish to complete a combination of mathematics and statistics courses, they should enrol in the 12-unit Mathematics and Statistics major only.

Second major

Second majors can be chosen from any of the other eight-unit majors defined for the Bachelor of Science (except Mathematics and Statistics, or Statistics) or, with the approval of the Faculty of Health, Engineering and Sciences, from other eight-unit majors from other undergraduate programs in the University.

Minor studies

Minor studies are a set of courses as defined in the Minor Studies section of the Handbook.

Electives

General electives are courses chosen from other Level 1, 2 or 3 courses in the University. Students must not take more than ten level 1 courses in the program overall.

Unsuitable electives

Students will require approval from the Faculty of Health, Engineering and Sciences if they wish to include MAT1000 Mathematics Fundamentals, MAT1100 Foundation Mathematics, ENM1500 Introductory Engineering Mathematics, MAC1901 and CSC1402 as electives towards the Bachelor of Science program majoring in Mathematics.

Physical Sciences (8-unit major)

Physical Sciences Major Courses

- MAT2100 Algebra and Calculus II

Second Major

The twelve-unit Mathematics and Statistics major can be underehrehrehrehrehre 1 103.315 711.2884a9.528 730.15949cs a

Note: If enrolled in this 8-unit Statistics major, students cannot also enrol in the 8-unit Mathematics major or the 12-unit Mathematics and Statistics major. If students wish to complete a combination of mathematics and statistics courses, they should enrol in the 12-unit Mathematics and Statistics major only.

Second major

Second majors can be chosen from any of the other eight-unit majors defined for the Bachelor of Science (except Mathematics and Statistics, or Mathematics) or, with the approval of the Faculty of Health, Engineering and Sciences, from other eight-unit majors from other undergraduate programs in the University.

Minor studies

Minor studies are a set of courses as defined in the Minor Studies section of the Handbook.

Electives

General electives are courses chosen from other Level 1, 2 or 3 courses in the University. Students must not take more than ten level 1 courses in the program overall.

Unsuitable electives

Students will require approval from the Faculty of Health, Engineering and Sciences if they wish to include MAT1000 Mathematics Fundamentals, MAT1100 Foundation Mathematics, ENM1500 Introductory Engineering Mathematics, MAC1901 and CSC1402 as electives towards the Bachelor of Science program majoring in Statistics.

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Footnotes

* This offering has a highly recommended residential school (linked to an assessment item and non-attendance will mean a student misses an element for assessment preparation or an element of assessment)

\+ This course has a mandatory residential school

^ This course will be introduced in 2024

Second Major

Second majors can be chosen from any of the other eight-unit majors defined for the Bachelor of Science or, with the approval of the Faculty of Health, Engineering and Sciences, from other eight-unit majors from other undergraduate programs in the University.

There are a number of other courses, minors and majors with a focus on wildlife ecology that students may wish to study.

Minor Studies

Minor studies are a set of courses as defined in the Minor Studies section of the Handbook.

Electives

General electives are courses chosen from other Level 1, 2 or 3 courses in the University. Students must not take more than ten level 1 courses in the program overall.

Wine Science (8-unit major)

Wine Science Major Courses

IT requirements

Students should visit the UniSQ minimum computing standards to check that their computers are capable of running the appropriate software and versions of Internet web browsers and to check the minimum and recommended standards for software.

Residential schools

- BIO1203 Human

Recommended Enrolment Pattern - BSCP - Psychology Extended

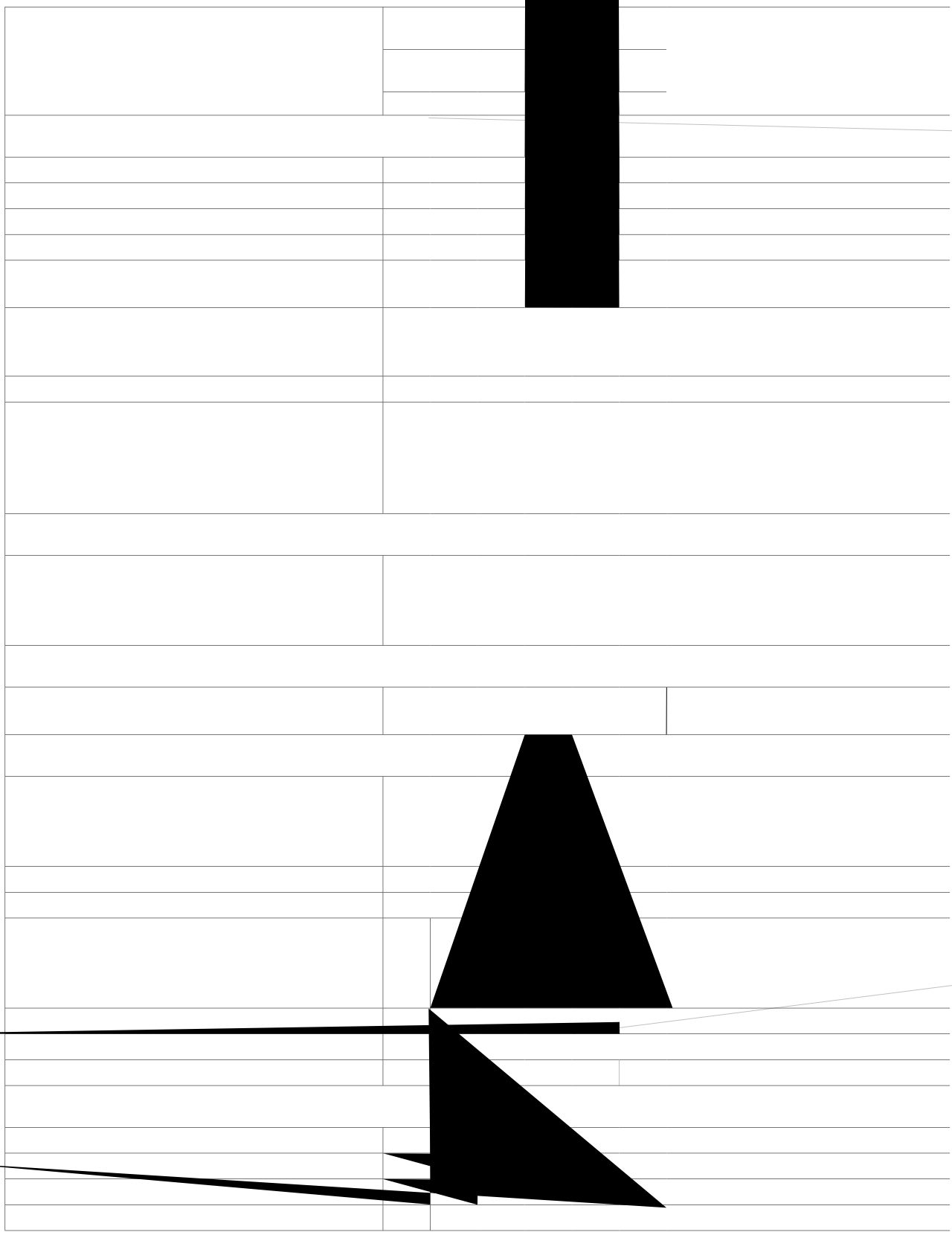
Students are able to enrol in any offered mode of a course (on-campus, external or online), regardless of the program mode of study they enrolled in.

Students studying part-time should complete the major in a logical sequence as to reflect as close as possible the enrolment pattern below.

Recommended Enrolment Pattern - Informatio[redacted]ology

Students are able to enrol in any offered mode of a course (c[redacted], external or online), regardless of the program mode of study they enrolled in.

Students studying part-time should complete the major in a [redacted]uence as to reflect as close as possible the enrolment pattern below.



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Recommended Enrolment Pattern - BSCP - Psychology

Students are able to enrol in any offered mode of a course (on-campus, external or online), reg

Recommended Enrolment Pattern - 8 unit majors - Animal Science, Biology, Computing, Environment and Sustainability, Human Physiology, Mathematics, Physical Sciences and Wine Science

Students are able to enrol in any offered mode of a course (on-campus, external or online), regardless of the program mode of study they enrolled in.

Students studying part-time should complete the major in a logical sequence as to reflect as close as possible the enrolment pattern below.

Students undertaking an eight-unit major as a first major should:

- study the beginning of this section that describes the program structure and requirements for the award of the Bachelor of Science. Notably four units in the program must be at level 3.
- select at least one major from the eight-unit majors listed in the previous pages. Select courses from that/those major(s) bearing in mind the requirements for the award and possible pre-requisite requirements. It is strongly suggested that students start with core courses and level 1 courses in their first year of study and progress to level 2 and level 3 courses in their second and third years of study respectively.
- select elective courses. Students should refer to the courses in the Minor Studies section of the Handbook to help with the selection of elective courses. Students may select their electives as a package as described in the Minor Studies section, or they may select any courses of interest providing they obtain approval from the Faculty of Health, Engineering and Sciences
- having arrived at an appropriate enrolment plan construct a table detailing the intended progression through the program.
- contact the Faculty of Health, Engineering and Sciences when they arrive at the University

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* The on-campus offering of this course is offered in odd-numbered years only.

Recommended Enrolment Pattern - 8 unit major - Physical Sciences

Students are able to enrol in any offered mode of a course (on-campus, external or online), regardless of the program mode of study they enrolled in.

Students studying part-time should complete the major in a logical sequence as to reflect as close as possible the enrolment pattern below.

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Footnotes

\# This offering has a highly recommended residential school (linked to an assessment item and non-attendance will mean a student misses an element for assessment preparation or an element of assessment).

** Students who have completed PHYS313 through UNE are unable to enrol in PHY3304.

Recommended Enrolment Pattern - 8 unit major – Plant Agricultural Science

Students are able to enrol in any offered mode of a course (on-campus, external or online), reg

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Bachelor of Technology (Wine) (BTWN) - BTechWine

QTAC code (Australian and New Zealand applicants): (Australian and New Zealand applicants): Toowoomba campus and Distance education: 906109

This program is only offered to continuing students. No new admissions will be accepted. Students who are interested in this study area should contact us.

	On-campus*	External*
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- awareness of how scientific principles in the fields of biology, biochemistry, chemistry, and microbiology influence technical aspects of wine production
- an understanding at a biochemical and physiological level of how viticultural management influences grape quality
- an understanding of wine business management principles and wine marketing
- awareness of factors that have shaped the Australian and global wine industries and their current directions of development
- an understanding of sensory evaluation of wines and wine judging systems.

Skills

- ability to inter-relate scientific concepts and principles to production processes so that production problems are quickly identified and new production situations and demands are successfully handled
- the practical skills to manage a winery or a vineyard
- sensory evaluation skills that permit identification of winemaking problems, rapid detection of faults, and reliable assessment of wine quality and characteristics
- ability to understand and participate in wine judging processes
- ability to understand, and communicate effectively with technical vineyard and winery staff
- ability to apply principles of business management and marketing of wines.

Admission requirements

To be eligible for admission, applicants must satisfy the following requirements:

Australian applicants:

To be eligible for a place in this program, applicants will have at least a Sound Achievement over four semesters in Queensland Senior (Years 11 and 12) English. It is also recommended to have a Sound Achievement over four semesters in Mathematics B and Biological Science or Chemistry, or the equivalent of these qualifications.

It is recommended that international applicants should have the equivalent of a Sound Achievement over four semesters of Queensland Senior (Years 11 and 12) in Mathematics B and Biological Science or Chemistry. Please refer to USQ International for information about entry requirements.

All students are required to satisfy the applicable English language requirements.

If students do not meet the English language requirements they may apply to study a University-approved English language program. On successful completion of the English language program, students may be admitted to an award program.

Program fees

Commonwealth supported place

A Commonwealth supported place is where the Australian Government makes a contribution towards the cost of a students' higher education and students pay a student contribution amount, which varies depending on the courses undertaken. Students are able to calculate the fees for a particular course via the Course Fee Schedules.

Commonwealth Supported students may be eligible to defer their fees through a Government loan called HECS-HELP.

Domestic full fee paying place

Domestic full fee paying places are funded entirely through the full fees paid by the student. Full fees vary depending on the courses that are taken. Students are able to calculate the fees for a particular course via the Course Fee Schedule

Domestic full fee paying students may be eligible to defer their fees through a Government loan called FEE-HELP provided they meet the residency and citizenship requirements.

Australian citizens, Permanent Humanitarian Visa holders, Permanent Resident visa holders and New Zealand citizens who will be resident outside Australia for the duration of their program pay full tuition fees and are not eligible for FEE-Help.

International full fee paying place

International students pay full fees. Full fees vary depending on the courses that are taken and whether they are studied on-campus, via distance education/online. Students are able to calculate the fees for a particular course via the Course Fee Schedules.

Program structure

To qualify for the award of Bachelor of Technology (Wine), a candidate must complete or be exempted from

International and Domestic students residing overseas wishing to carry forward all prac components into the final year will need to study these courses in 1st year and will carry IDM grades until the practical components are completed.

^ Students that have already completed MKT3006 Small and Medium Enterprise Development do not complete MGT3004.

Bachelor of Science (Honours) or Bachelor of Science (Honours) (Psychology) (BSCHorBSHP) - BSc(Hons) or BSci(Hon)(Psychology)

CRICOS code (International applicants): 043510MHon)(P486.599 662.118 59.5+ Tm(s) or B271 62 662.118 59.5Exte- B

(Psychology) (BSHP) major enables graduates to register with the Psychology Board of Australia. Graduates who achieve a high level of Honours (either First Class or Second Class division A) would be eligible to apply for a Masters program or PhD at USQ and other universities.

Program objectives

Upon completion of the Honours program, graduates should be able to:

(1) demonstrate high levels of proficiency in research and specific methodology including research planning and implementation, analysis, interpretation and ev

Program fees

Commonwealth supported place

A Commonwealth supported place is where the Australian Government makes a contribution towards the cost of a students' higher education and students pay a student contribution amount, which varies depending on the courses undertaken. Students are able to calculate the fees for a particular course via the Course Fee Schedules.

Commonwealth Supported students may be eligible to defer their fees through a Government loan called HECS-HELP.

Domestic full fee paying place

Domestic full fee paying places are funded entirely through the full fees paid by the student. Full fees vary depending on the courses that are taken. Students are able to calculate the fees for a particular course via the Course Fee Schedule

Domestic full fee paying students may be eligible to defer their fees through a Government loan called FEE-HELP provided they meet the residency and citizenship requirements.

Australian citizens, Permanent Humanitarian Visa holders, Permanent Resident visa holders and New Zealand citizens who will be resident outside Australia for the duration of their program pay full tuition fees and are not eligible for FEE-Help.

International full fee paying place

International students pay full fees. Full fees vary depending on the courses that are taken and whether they are studied on-campus, via distance education/online. Students are able to calculate the fees for a particular course via the Course Fee Schedules.

Program structure

The Honours program consists of eight units of study including project courses and specialised courses. The program has seven majors - Applied Mathematics/Statistics, Bachelor of Science (Honours) (Psychology) (BSHP), Biology, Chemistry, Environment & Sustainability, Computing and Physics.

Students enrolled in the Bachelor of Science (Honours) will be given further information about project selection with their offers.

The project courses give students appropriate opportunity for research and scientific investigation of a topic within the area of the major study.

Required time limits

Students have a maximum of 2 years to complete this program.

Major studies

On enrolment, each student must choose one of the majors Applied Mathematics/Statistics, Biology, Chemistry, Environment & Sustainability, Computing, Physics or Bachelor of Science (Honours) (Psychology) (BSHP).

IT requirements

Students should visit the USQ minimum computing standards to check that their computers are capable of running the appropriate software and versions of Internet web browsers and to check the minimum and recommended standards for software.

Credit

Exemptions/credit will be assessed based on the USQ Credit and Exemption Procedure. With prior approv

Honours

The level of honours awarded will be determined based on the USQ procedure. Please refer to the Class of Honours Standard Schedule. Class of Honours will be calculated on Schedule A.

Enrolment

Jfa*vb^o fkq^hb

Mid-year intake is available for the Applied Mathematics/Statistics; Biology; Chemistry; Environment & Sustainability; Computing and Physics majors in the Bachelor of Science (Honours) program.

Recommended enrolment pattern - Applied Mathematics/Statistics; Biology; Chemistry; Environment & Sustainability; Computing; and Physics major

Students are able to enrol in any offered mode of a course (on-campus, external or online), regardless of the program mode of study they enrolled in.

Supervisory approval must be obtained before undertaking external study

Students may commence their studies in either semester 1 or semester 2.

A part-time enrolment pattern is available. Students wanting to study part-time should contact us for this enrolment pattern.

To identify a potential honours supervisor, students need to contact the Program Director and can do this by emailing usq.support@usq.edu.au. Students must have supervisory approval before beginning their studies.

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There are six compulsory courses (worth eight units). The compulsory courses are as follows.

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Bachelor of Arts and Bachelor of Science (BABS) - BA BSc

QTAC code (Australian and New Zealand applicants): Toowoomba campus and External: 909489

CRICOS code (International applicants): 030290C

This program is offered only to continuing students. No new admissions will be accepted. Students who are interested in this study area should consider the which will be offered from Semester 1, 2013.

	On-campus	External
Start:	No new admissions	No new admissions
Campus:	Toowoomba	Toowoomba
Fees:	Commonwealth supported place Domestic full fee paying place International full fee paying place	Commonwealth supported place Domestic full fee paying place International full fee paying place
Standard duration:	4 years full-time, 8 years part-time	

Contact us

Current students
Ask a question Freecall (within Australia): 1800 007 252 Phone (from outside Australia): +61 7 4631 2285 Email usq.support@usq.edu.au

Program aims

The program aims to produce graduates who meet the aims and objectives of both the Bachelor of Arts and the degree programs.

Admission requirements

To be eligible for admission, applicants must satisfy the following requirements:

Applicants for admission to the Bachelor of Arts and Bachelor of Science must satisfy the requirements for admission to the Bachelor of Arts and the .

All students are required to satisfy the applicable English language requirements.

If students do not meet the English language requirements they may apply to study a University-approved English language program. On successful completion of the English language program, students may be admitted to an award program.

Program fees

Commonwealth supported place

A Commonwealth supported place is where the Australian Government makes a contribution towards the cost of a students' higher education and students pay a student contribution amount, which varies depending on the courses undertaken. Students are able to calculate the fees for a particular course via the Course Fee Schedules.

Commonwealth Supported students may be eligible to defer their fees through a Government loan called HECS-HELP.

Domestic full fee paying place

Domestic full fee paying places are funded entirely through the full fees paid by the student. Full fees vary depending on the courses that are taken. Students are able to calculate the fees for a particular course via the Course Fee Schedule

Domestic full fee paying students may be eligible to defer their fees through a Government loan called FEE-HELP provided they meet the residency and citizenship requirements.

Australian citizens, Permanent Humanitarian Visa holders, Permanent Resident visa holders and New Zealand citizens who will be resident outside Australia for the duration of their program pay full tuition fees and are not eligible for FEE-Help.

Another approved Arts core course Bachelor of Arts**

Footnotes

* Students majoring in Biology must take CMS1100 Communicating in the Sciences.

** Students majoring in Psychology major must take PSY1030 as their fourth core course.

Major studies

Arts Studies

The Arts component shall comprise:

- at least one seven-unit discipline based major from the majors available under the Bachelor of Arts at USQ
- another seven-unit discipline based major from the Bachelor of Arts.

(At least two units from each major must be at third year level)

Science Studies

The Science component shall comprise:

Either

- an eight-unit discipline based major chosen from the majors under the (i.e. Biology, Computing, Mathematics #, Physical Sciences, Environment and Sustainability)
- a four-unit study selected from one Science discipline . This four-unit study may or may not be in the same discipline as in the eight-unit Science major

  Or
- a twelve-unit discipline based major chosen from the majors under the i.e. Psychology *Information Technology or Mathematics and Statistics ^ **AND**
- a further two approved Science elective units which may either extend the studies already selected or may be in additional Science discipline areas.

\# The Mathematics major requires students to have achieved a level of Sound Achievement over four semesters in Queensland Senior (Year 12) Mathematics B or equivalent.

* The 12 unit major in Psychology is an Australian Psychology Accreditation Council accredited sequence in Psychology and students undertaking this major are eligible to apply to undertake the Bachelor of Science (Honours) (Psychology) degree and thus pursue further training to become a Psychologist.

^ The Mathematics and Statistics major requires students to have achieved a level of Sound Achievement over four semesters in Queensland Senior (Year 12) Mathematics B or equivalent.

Additional Requirements - Science

- At least two units of study in the Science component must be at third level.
- Students majoring in Computing (eight-unit major), Mathematics (eight-unit major), Mathematics and Statistics (twelve-unit major), or Information Technology (twelve-unit major) must complete CSC1401 Foundation Programming and MAT1101 Discrete Mathematics for Computing as their two science electives.
- Students not completing the major in Mathematics (eight-unit major), Computing (eight-unit major), Mathematics and Statistics (twelve-unit major) or Information Technology (twelve-unit major) must complete the course MAT1100 Foundation Mathematics or the course MAT1102 Algebra and Calculus I. Students may need to take this course as one of their two science electives.

Recommended enrolment pattern

Students are able to enrol in any offered mode of a course (on-campus, external or online), regardless of the program mode of study they enrolled in.

- Students will normally take the core course CMS1000 Communication and Scholarship in Semester 1 and STA2300 in Semester 2 as well as another approved core course in each of their first two semesters.
- Students will normally start the first Arts major in Semester 1 of first year and continue it in Semester 2 of first year. The second Arts major is usually started in Semester 1 of second year.

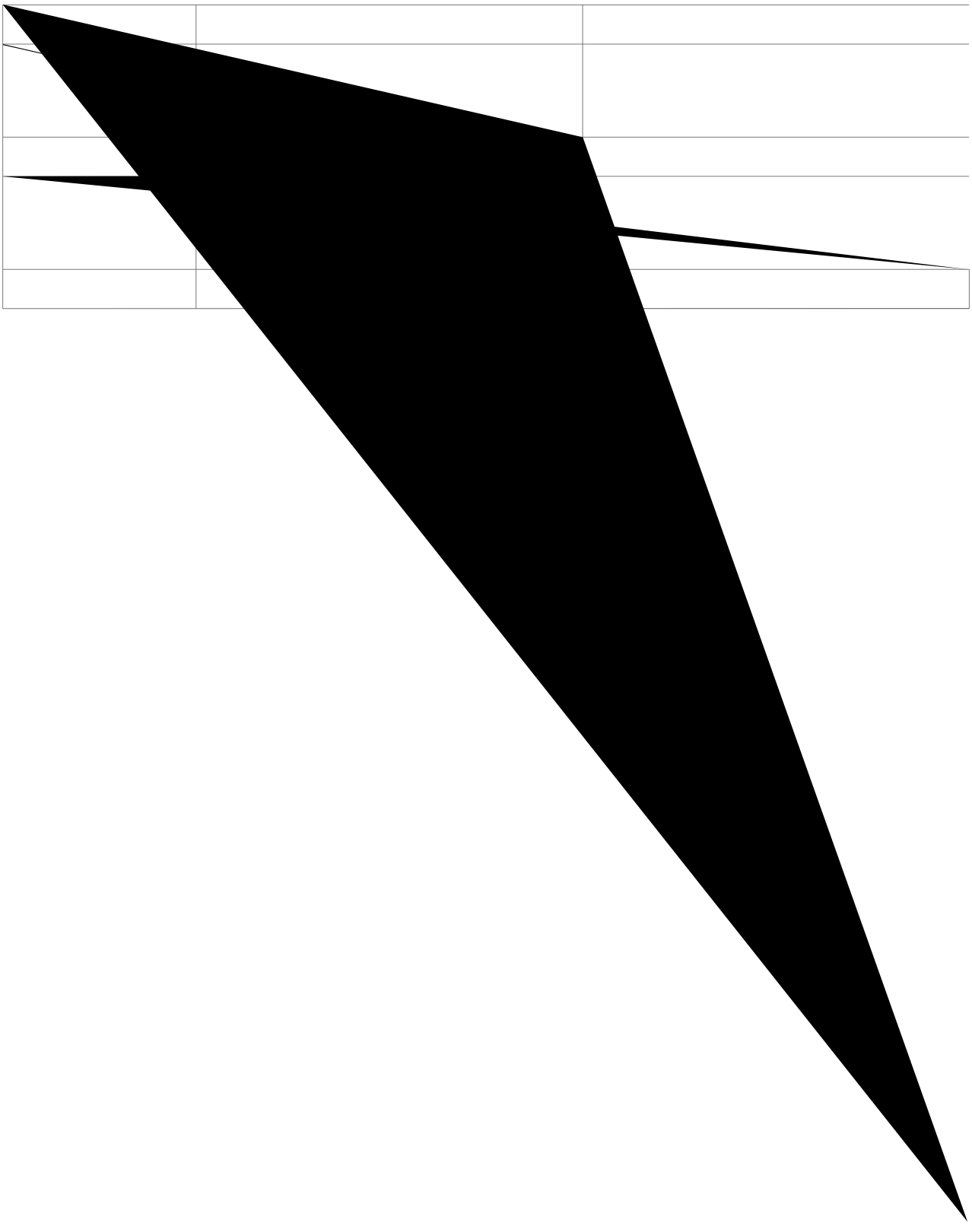
- The Science major is usually started in Semester 1 of first year and continued in Semester 2 of first year. The Science minor study is usually started in second year subject to timetabling constraints.
- Elective courses are usually taken in third or fourth years unless required as pre-requisites.

Bachelor of Business and Bachelor of Science .. (BCSE) - BBus BSc

QTAC code (Australian and New Zealand applicants): Toowoomba campus: 904561; External: 904565; Toowoomba campus: 904661; External: 904665; Toowoomba campus: 904761; External: 904765

CRICOS code (International applicants): 093873C

This program will accept no new admissions from Semester 1, 2023. The information relating to this program is applicable to currently enrolled students and students intending to enrol prior to last semester offered Semester 3, 2022. Students who are interested in this study area should contact us.



of knowledge, skills and application of knowledge and skills that a graduate who has been awarded that qualification has attained, and the typical volume of learning associated with that qualification type.

This program is at AQF Qualification Level 07. Graduates at this level will have broad and coherent knowledge and skills for professional work and/or further learning.

The full set of levels criteria and qualification type descriptors can be found by visiting www.aqf.edu.au.

Program Information Set

View UniSQ's admission criteria, student profiles and a summary of all offers made under Course Admission Information Set via the QTAC website.

Admission requirements

To be eligible for admission, applicants must satisfy the following requirements:

- Have achieved a minimum Australian Tertiary Admission Rank (ATAR) of **62.7**, or equivalent qualification.^

- English Language Proficiency requirements for Category 2.

Applicants for admission to the Bachelor of Business and Bachelor of Science double degree must satisfy the requirements for admission to the Bachelor of Business .. and the .

All students are required to satisfy the applicable English language requirements.

If students do not meet the English language requirements the

Australian citizens, Permanent Humanitarian Visa holders, Permanent Resident visa holders and New Zealand citizens who will be resident outside Australia for the duration of their program pay full tuition fees and are not eligible for FEE-Help.

International full fee paying place

International students pay full fees. Full fees vary depending on the courses that are taken and whether they are studied on-campus, via distance education/online. Students are able to calculate the fees for a particular course via the Course Fee Schedules.

Program structure

The Bachelor of Business and Bachelor of Science double degree consists of 32 courses as follows:

Area of study	**Total units**
Core courses	11 units
Business major	one 8–unit major from the Bachelor of Business ..
Science major*	one 8–unit major and 5 electives; or one 12–unit major and 1 elective from the
Total	32 units

Footnotes

* Students cannot enrol in a 16-unit major.

Program completion requirements

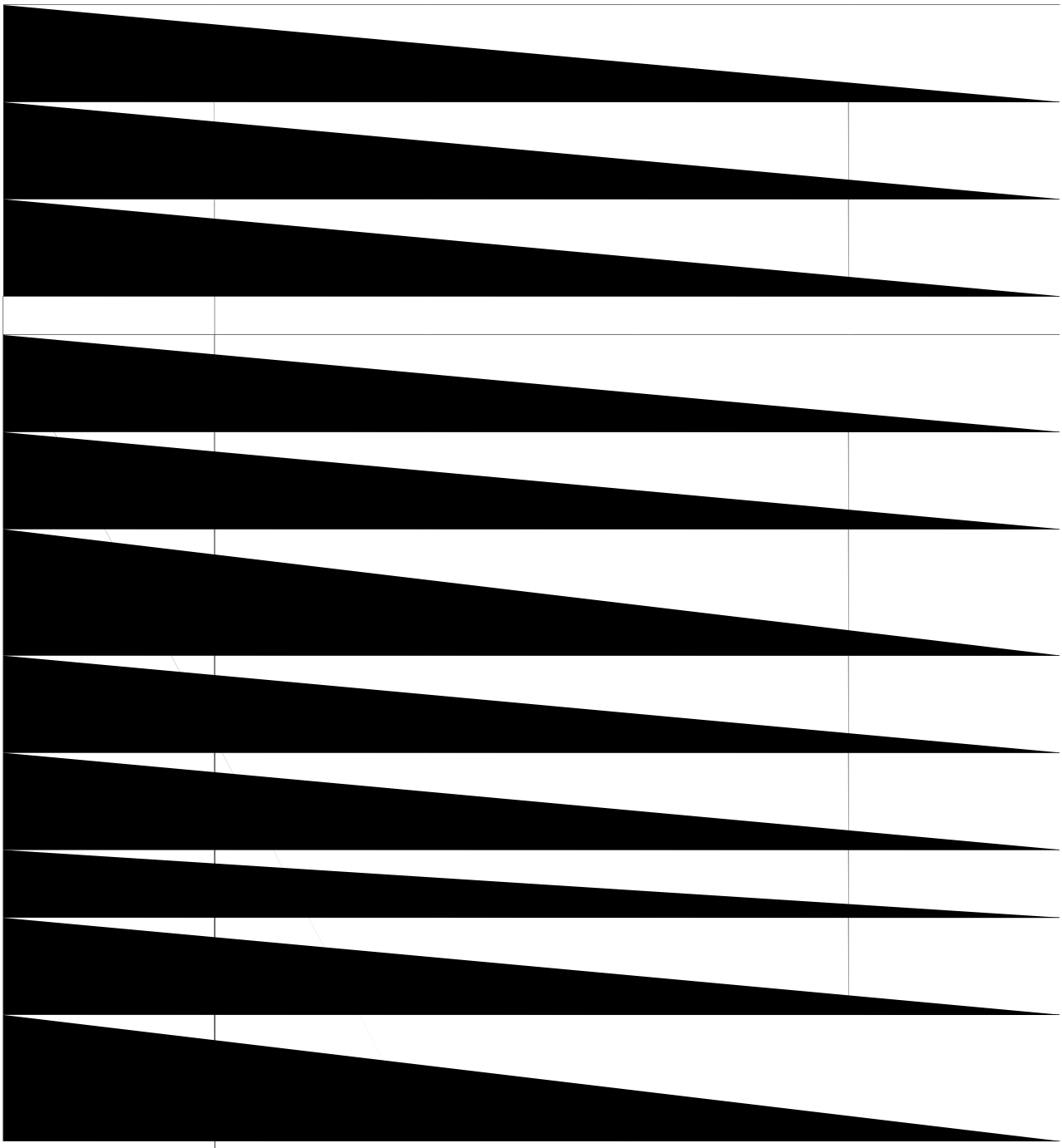
To be eligible to graduate with two awards, the Bachelor of Business .. and the , students must have successfully completed 32 units in total. This includes 11 core units, one 8-unit major from the Bachelor of Business .., and one 8-unit major and 5 electives; or one 12-unit major and one elective from the .

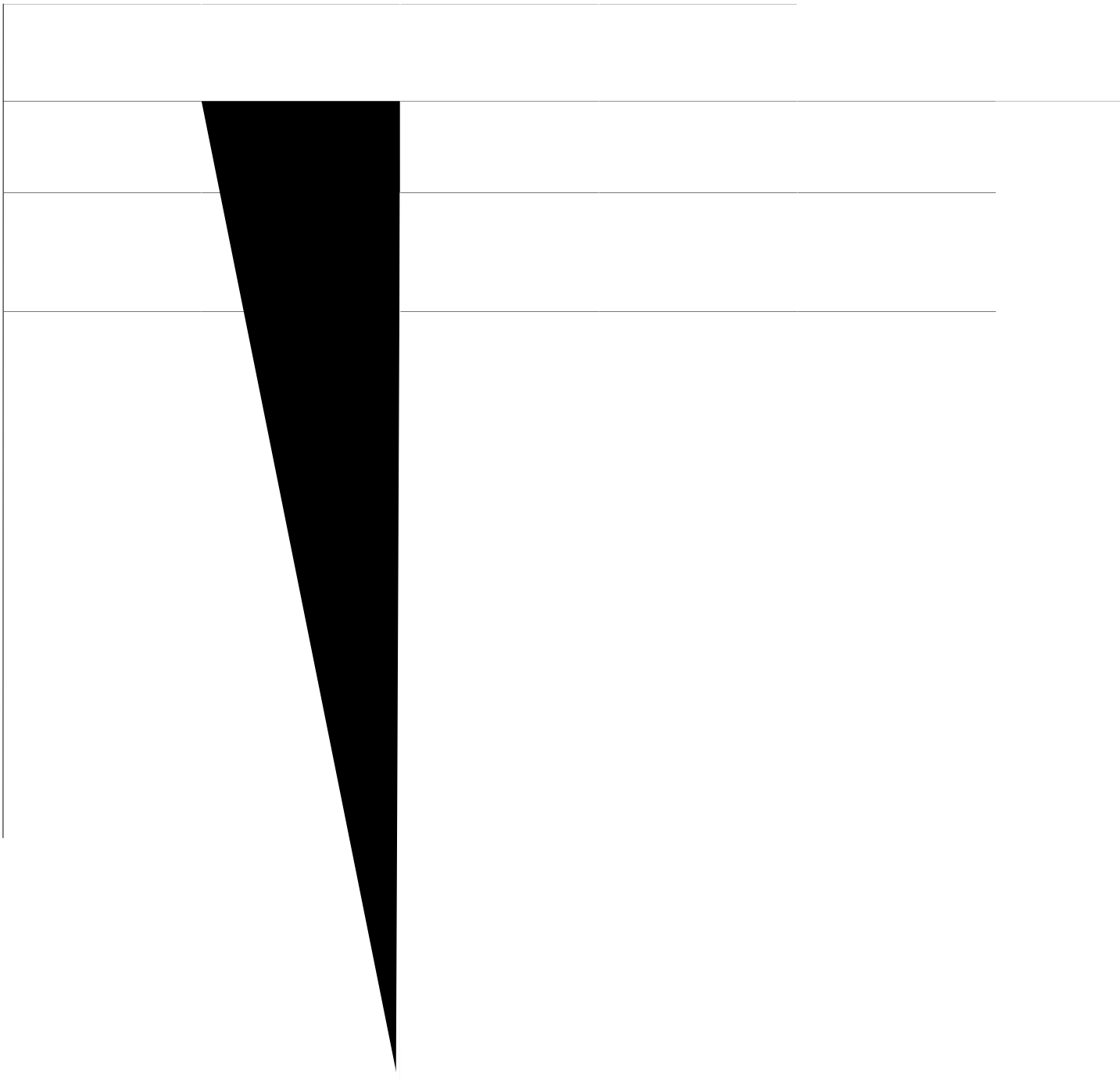
Required time limits

Students have a maximum of 9 years to complete this program.

Core courses

				Semester of of





Students should seek assistance from the relev

Bachelor of Commerce and Bachelor of Science (BCSC) - BCom

Program objectives

On successful completion of the Bachelor of Commerce and Bachelor of Science double degree program, graduates need to meet the program objectives of both disciplines.

On completion of the Bachelor of Commerce program, graduates will be able to:

- demonstrate strong communication skills
- identify, analyse and solve problems in different decision contexts
- think constructively and logically
- make effective and creative use of modern technologies
- acquire specific knowledge and skills relevant to their major study areas
- demonstrate an understanding of the principles of accounting, finance, economics and business law
- satisfy educational entrance requirement of relevant professional bodies.

On completion of the Bachelor of Science program, graduates will:

- possess more than a basic competence in at least one chosen discipline
- possess skills in drawing upon the growing content of knowledge in these disciplines
- understand the principles underlying these disciplines
- be capable of applying these principles to the solving of problems, particularly practical problems
- be capable of working with people trained in other disciplines towards the solution of common problems
- be motivated to sustain adaptive, independent learning
- be aware of the social, moral and legal responsibilities of professional scientists
- be skilled in the communication of ideas and concepts.

Admission requirements

To be eligible for admission, applicants must satisfy the following requirements:

- Year 12 English [4,SA] or equivalent.
- Mathematics B [4,SA]
- Admission to the Bachelor of Commerce and Bachelor of Science is in accordance with University's admissions policy for undergraduate programs.

All students are required to satisfy the applicable English language requirements.

If students do not meet the English language requirements they may apply to study a University-approved English language program. On successful completion of the English language program, students may be admitted to an award program.

Program fees

Commonwealth supported place

A Commonwealth supported place is where the Australian Government makes a contribution towards the cost of a students' higher education and students pay a student contribution amount, which varies depending on the courses undertaken. Students are able to calculate the fees for a particular course via the Course Fee Schedules.

Commonwealth Supported students may be eligible to defer their fees through a Government loan called HECS-HELP.

Domestic full fee paying place

Domestic full fee paying places are funded entirely through the full fees paid by the student. Full fees vary depending on the courses that are taken. Students are able to calculate the fees for a particular course via the Course Fee Schedule

Domestic full fee paying students may be eligible to defer their fees through a Government loan called FEE-HELP provided they meet the residency and citizenship requirements.

Australian citizens, Permanent Humanitarian Visa holders, Permanent Resident visa holders and New Zealand citizens who will be resident outside Australia for the duration of their program pay full tuition fees and are not eligible for FEE-Help.

International full fee paying place

International students pay full fees. Full fees vary depending on the courses that are taken and whether they are studied on-campus, via distance education/online. Students are able to calculate the fees for a particular course via the Course Fee Schedules.

Program structure

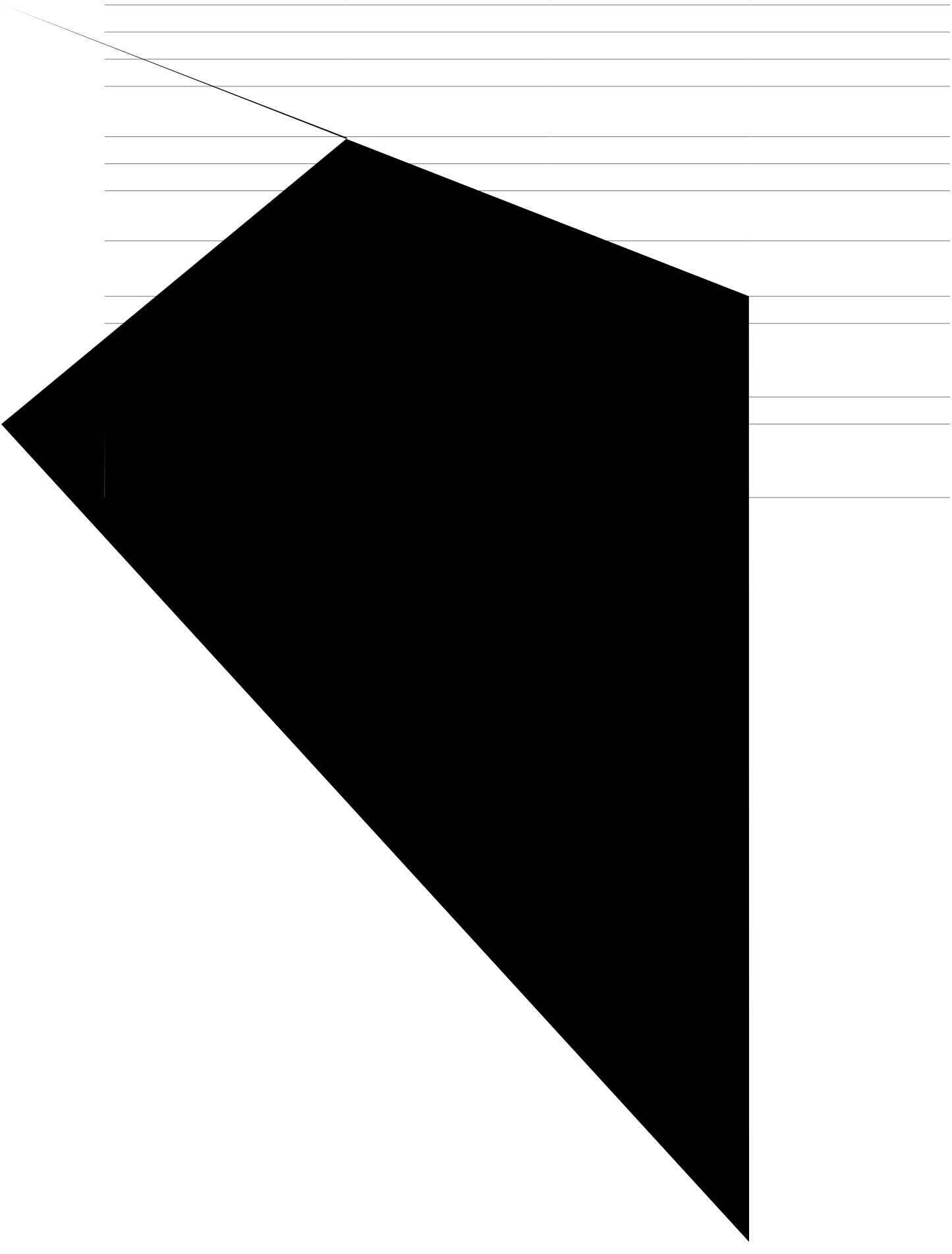
The Bachelor of Commerce and Bachelor of Science double degree consists of 32 courses as follows:

Area of study	**Total units**
Core courses	11 units
Commerce major	one 8–unit major
Science major	one 8–unit major and 5 electives; or one 12–unit major and 1 elective
Total	32 units

Program completion requirements

To be eligible to graduate with two awards, the Bachelor Commerce and the Bachelor of Science, students must ha

ECO3002 Economic Policy Analysis	2		
ECO3010 International Economics and Trade	1		
ECO3020 Behavioural Economics	1		
ECO3030 Sustainable Economies	2		



Sustainable Business m

Not all courses are available on

CSC2402 Object-Oriented Programming in C++	1	1
CSC2408 Software Development Tools	1, 2	1, 2
Select four of the following courses:		
CSC3400 Database Systems	1	1
CSC3403 Comparative Programming Languages	1	1
CSC3407 Network Fundamentals and Routing	1	1
CSC3412 System and Security Administration	1	1
CSC3413 Network Design and Analysis	2	2
CSC3420 Mobile Internet Technology	1	1
CSC3427 Switching, Wireless and WAN Technologies	2	2

Environment and Sustainability major

Some courses of this major are already included within the Sustainable Business or Sustainable Economics and Policy majors. If those commerce majors are chosen, additional elective courses are to be selected from Business and Commerce courses with permission from the Faculty of Business, Education, Law and Arts.

Course	Semester of offer Distance/Online	Semester of offer Toowoomba campus	Semester of offer Springfield campus
REN1201 Environmental Studies	1	1	1
REN2200 Ecology for Sustainability	1	1	
	2	2	

Recommended enrolment pattern

Students are able to enrol in any offered mode of a course (on-campus, external or online), regardless of the program mode of study they enrolled in.

Bachelor of Engineering (Honours) Bachelor of Science (BEHS) - BEng(Hons) BSc

QTAC code (Australian and New Zealand applicants): Toowoomba campus: 907361; External: 907365; Springfield campus: 927361

CRICOS code (International applicants): 079518F

This program is offered only to continuing students. No new admissions will be accepted. Students who are interested in this study area please contact us directly .

	On-campus#	External
Start:	No new admissions	No new admissions
Campus:	Springfield, Toowoomba	-
Fees:	Commonwealth supported place Domestic full fee paying place International full fee paying place	Commonwealth supported place Domestic full fee paying place International full fee paying place
Standard duration:	5 years full-time, 8 years part-time or external	
Program articulation:	From: Associate Degree of Engineering; Bachelor of Engineering Science; Bachelor of Engineering (Honours)	

Notes:

See note on part-time study below within the Program Structure section.

Footnotes

None of the Bachelor of Science majors are available at the Springfield campus. However, Springfield students may be able to take a Science major externally. Accordingly, the Springfield offering is not suitable for International on-campus students.

Contact us

Future Australian and New Zealand students	Future International students	Current students
		Ask a question Freecall (within Australia): 1800 007 252from outsid

Program aims

This program provides students with the opportunity to become qualified Engineers with a strong background in one branch of Science. The program offers students a high level of flexibility as they are able to select from a wide range of Engineering majors and combine it with one of the numerous Science majors.

Program objectives

Graduates of the Bachelor of Engineering (Honours) Bachelor of Science program will have met the separate objectives of the Bachelor of Engineering (Honours) and the programs.

Australian Qualifications Framework

The Australian Qualifications Framework (AQF) is a single national, comprehensive system of qualifications offered by higher education institutions (including universities), vocational education and training institutions and secondary schools. Each AQF qualification has a set of descriptors which define the type and complexity of knowledge, skills and application of knowledge and skills that a graduate who has been awarded that qualification has attained, and the typical volume of learning associated with that qualification type.

This program is at AQF Qualification Level 08. Graduates at this level will have advanced knowledge and skills for professional or highly skilled w

Program fees

Commonwealth supported place

A Commonwealth supported place is where the Australian Government makes a contribution towards the cost of a students' higher education and students pay a student contribution amount, which varies depending on the courses undertaken. Students are able to calculate the fees for a particular course via the Course Fee Schedules.

Commonwealth Supported students may be eligible to defer their fees through a Government loan called HECS-HELP.

Domestic full fee paying place

Domestic full fee paying places are funded entirely through the full fees paid by the student. Full fees vary depending on the courses that are taken. Students are able to calculate the fees for a particular course via the Course Fee Schedule

Domestic full fee paying students may be eligible to defer their fees through a Government loan called FEE-HELP provided they meet the residency and citizenship requirements.

Australian citizens, Permanent Humanitarian Visa holders, Permanent Resident visa holders and New Zealand citizens who will be resident outside Australia for the duration of their program pay full tuition fees and are not eligible for FEE-Help.

International full fee paying place

International students pay full fees. Full fees vary depending on the courses that are taken and whether they are studied on-campus, via distance education/online. Students are able to calculate the fees for a particular course via the Course Fee Schedules.

Program structure

The program involves five years of full-time study.

Students may apply for admission to study part-time or externally, however applicants should ensure they are able to complete this program within the maximum duration of ten years. To achieve this, students will need to complete a minimum of four units of study per year. To complete the program part-time within the standard duration of eight years, students will need to complete a minimum of five units of study per year.

Where students intend to complete the program using a combination of full-time and part-time study the maximum time for completion will be calculated on a pro-rata basis.

For more details of the two programs that comprise this award, applicants are asked to refer to the and Bach elor of Engineering (Honours) sections of this Handbook.

The Bachelor of Engineering (Honours) Bachelor of Science is a 40-unit program consisting of Academic courses and Practice courses.

Academic courses are one-unit courses and involve approximately 155 hours of student work per unit.

Practice courses are zero unit courses and each involves approximately 50 hours of student work.

The Bachelor of Engineering (Honours) program consists of 32 units of study. To satisfy the requirements of the chosen Bachelor of Science major, in the Bachelor of Engineering (Honours) Bachelor of Science program students will require an additional 10–12 units of study, depending on the chosen Science major. To reduce the total study load to 40 units, students must reduce the required number of Approved courses from the chosen Engineering major by 2–4, depending on the chosen Science major. The courses required for each Science major are listed below.

Required time limits

Students have a maximum of 10 years to complete this program.

Major studies

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An Engineering major study provides students with knowledge and skills in a particular engineering discipline. Students must select one of the following eight majors as their Engineering major.

Engineering major studies:
Agricultural Engineering
Civil Engineering
Computer Systems Engineering
Electrical and Electronic Engineering
Environmental Engineering
Instrumentation Control and Automation Engineering
Mechanical Engineering *
Power Engineering

Footnotes

Biology
Computing ^+
Environment and Sustainability
Food Science
Human Physiology
Mathematics+
Physical Sciences
Statistics +
Wine Science

Footnotes

^ Students undertaking this Science major cannot complete the following Engineering major within 40 units: Mechanical Engineering.

+ Students who select this major cannot undertake CSC1402 as an approved course.

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The eight courses comprising each of the Science majors are listed in the section of this Handbook.

Students enrolled in the Bachelor of Engineering (Honours) Bachelor of Science program study all of the Core courses listed in a Science major. Students must also complete the following Core courses for each major; these should be completed early in the program, as noted in the Recommended Enrolment Pattern for

Environment and Sustainability	• ENM1600 Engineering Mathematics • ENM2600 Advanced Engineering Mathematics • CMS1100 Communicating in the Sciences • SCI1001 Succeeding in Science • STA1003 Fundamental Statistics	3
Food Science	• ENM1600 Engineering Mathematics • ENM2600 Advanced Engineering Mathematics • CMS1100 Communicating in the Sciences • SCI1001 Succeeding in Science • STA1003 Fundamental Statistics	3
Human Physiology	• ENM1600 Engineering Mathematics • ENM2600 Advanced Engineering Mathematics • CMS1100 Communicating in the Sciences • SCI1001 Succeeding in Science • STA1003 Fundamental Statistics	3
Mathematics	• CMS1100 Communicating in the Sciences • CSC1401 Foundation Programming • STA1003 Fundamental Statistics • SCI1001 Succeeding in Science • Students study MAT1102 Algebra and Calculus I and MAT2100 Algebra and Calculus II as part of this Science Major, therefore do not study the equivalent courses ENM1600 Engineering Mathematics nor ENM2600 Advanced Engineering Mathematics.	2

They are a compulsory part of the program and do not attract a student contribution charge for Australian residents or a tuition fee for international students. The recommended enrolment schedule for Practice courses is shown in the Recommended Enrolment Pattern for the program in this Handbook.

External students must attend a number of residential schools during their program to obtain experience in practical and professional activities appropriate to the program. The residential schools are included in Practice courses which are conducted in Semester 3 or during the recess periods. The dates for each residential school Practice course are shown in the Residential School schedule in this Handbook and external students should ensure they are able to attend the residential school prior to enrolling in a Practice course. Personal protectivice course. P1i

[redacted]

Domestic full fee paying place

Domestic full fee paying places are funded entirely through the full fees paid by the student. Full fees vary depending on the courses that are taken. Students are able to calculate the fees for a particular course via the Course Fee Schedule

Domestic full fee paying students may be eligible to defer their fees through a Government loan called FEE-HELP provided they meet the residency and citizenship requirements.

Australian citizens, Permanent Humanitarian

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The Business major or majors can be one or two eight-unit discipline based majors as defined in the Bachelor of Business chosen from:

- Administrative Management
- Human Resource Management
- • Information Technology Management
- • International Business
- Supply Chain Management
- Management and Leadership^
- Marketing
- Tourism Management

This major is approved for external offer only. However, a number of courses are available on-campus at Toow

Bachelor of Agricultural Technology and Management (BATM) - BATMan New

QTAC code (Australian and New Zealand applicants): Too

- Make guided judgements in their professional practice when identifying and responding to cultural, ethical and social issues including those relevant to indigenous peoples and those of diverse cultures and backgrounds.

Australian Qualifications Framework

Commonwealth Supported students may be eligible to defer their fees through a Government loan called HECS-HELP.

International full fee paying place

International students pay full fees. Full fees vary depending on the courses that are taken and whether they are studied on-campus, via distance education/online. Students are able to calculate the fees for a particular course via the Course Fee Schedules.

Program structure

The program consists of 24 units comprised of:

- five core courses (2 courses worth 0.5 units each)
- Production Technology 12-unit extended major

And a choice of:

- eight units of Electives;
- Two 4-unit Minors from: Agricultural Systems, Animal Production, Computing, Crop Production, Data Analytics, Food Technology or Geographic Information Systems;
- One 4-unit Minor from: Agricultural Systems, Animal Production, Computing, Crop Production, Data Analytics, Food Technology or Geographic Information Systems and four units of Electives.

Program completion requirements

Students must satisfactorily complete 24 credit points of units of which a maximum of 10 units are level 1 courses and a minimum of 7 units are level 3 courses.

Some courses have mandatory attendance requirements.

Required time limits

Students have a maximum of 9 years to complete this program.

Core courses

The courses that comprise the core studies program are shown in the following table:

Production Technology Extended 12-unit Major courses

- Tetanus
- Q-fever (unless the student has proven immunity – tested prior to vaccination)

Residential schools

The attendance requirement of residential schools within this degree is indicated by the following letters: R = Recommended; HR = Highly Recommended; M = Mandatory. To find out more about residential schools, visit the Residential School Schedule to view specific dates for your degree, or visit the Policy and Procedure Library.

If you are enrolled in the External study mode in this degree, you will have the opportunity to come on-campus for residential schools, where you will attend workshops and tutorials, use the facilities and meet staff and other students.

The courses below include residential school:

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- AGR2109 Practical Investigations in Agricultural Technology

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- AGR1104 Farm Safety and Operations 1
- AGR2104 Farm Safety and Operations 2
- AGR2202 Instrumentation and Automation in Agriculture

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- AGR1101 Animal Health, Welfare and Behaviour
- AGR2203 Animal Nutrition
- AGR3202 Animal Reproduction
- BIO2103 Biology 2

@olm Molar`qflk 1*rkfq jfklo

- AGR2304 Plant Breeding
- BIO1101 Biology 1
- BIO2202 Plant Physiology
- BIO3318 Plant Microbe Interactions

Clla Qb`eklildv 1*rkfq jfklo

- BIO3811 Food Product Development
- BIO3821 Food Quality Assurance

Credit

Exemptions/credit will be assessed based on the USQ Credit and Exemption Procedure.

full-time recommended enrolment pattern - Semester 1 start

Students are able to enrol in any offered mode of a course (on-campus, external or online), regardless of the program mode of study they enrolled in.

To satisfy the requirements of the program students must complete all of the Academic and Practice courses in the following table that shows the recommended enrolment patterns for on-campus and external students

for our Toowoomba campus. Students following a non-standard enrolment pattern should click on the course link in the table below to ascertain if a course is offered in another term.

Footnotes

@ recommended AGR2301 Agricultural Science from Agricultural Systems minor
* 0.5–unit course
+ These 0.5–unit courses build initial knowledge and are not sequential
# This course will run over semester 1 and semester 2. Students enrol in semester 1.
% recommended AGR2303 Agronomy from Agricultural Systems minor
< recommended AGR2201 Animal Production Systems from Agricultural Systems minor
~ recommended AGR3304 Soil Science from Agricultural Systems minor

Bachelor of Environmental Science (BENV) - BEnvSc New

QTAC code (Australian and New Zealand applicants): Toowoomba campus: 906441; External: 907375

CRICOS code (International applicants): 108984B

	On-campus~	External
Start:	Semester 1 (February) Semester 2 (July)	Semester 1 (February) Semester 2 (July)
Campus:	Toowoomba	-
Fees:	Commonwealth supported place International full fee paying place	Commonwealth supported place International full fee paying place
		Mandator1 62.628 604.579 Tm(F)Tj1 0 0 1 0 l535.64ate

^ These are determined by the University for specific programs each Semester. The 2021 ATAR and tertiary entrance ranks are based on agreed QTAC schedules which assess formal study at Year 12 or equivalent level, tertiary, preparatory, professional or vocational qualifications or work experience, as detailed in the QTAC Assessment of Qualifications Manual and QTAC Assessor Guidelines.

Adjustment factors may help you get into the program of your choice by increasing your entrance rank. The additional points don't apply to all applicants or all programs. Please read the information about UniSQ's Adjustment Factors carefully to find out what you may be eligible for.

Program fees

Commonwealth supported place

A Commonwealth supported place is where the Australian Government makes a contribution towards the cost of a students' higher education and students pay a student contribution amount, which varies depending on the courses undertaken. Students are able to calculate the fees for a particular course via the Course Fee Schedules.

Commonwealth Supported students may be eligible to defer their fees through a Government loan called HECS-HELP.

International full fee paying place

International students pay full fees. Full fees vary depending on the courses that are taken and whether they are studied on-campus, via distance education/online. Students are able to calculate the fees for a particular course via the Course Fee Schedules.

Program structure

The program consists of 24 units comprised of:

- 8 core courses;
- 1 x 8-unit Major;

And either:

- 8 x Elective units; or
- 1 x 8-unit Second Major; or
- 2 x 4-unit Discipline Minors; or
- 1 x 4-unit Discipline Minor and 1 x 4-unit University Minor; or
- 1 x 4-unit Discipline Minor and 4 units of electives.

At least 4 courses in the program must be at level 3 and no more than 10 courses in the program at level 1.

Required time limits

Students have a maximum of 9 years to complete this program.

Core courses

The courses that comprise the core studies program are shown in the following table:

Course Name and Code	Semester(s) Offered			
	Toowoomba	Springfield	External	Online
REN1201 Environmental Studies*	1	1		1
CLI1110 Weather and Climate	1			1
SCI1001 Succeeding in Science	1			1
CMS1100 Communicating in the Sciences	1,2			2
STA1003 Fundamental Statistics	1,2,3	2		1,2,3

Water Science

Minor Studies

Discipline Minor studies in Environmental Sciences are designed to enable students to widen their knowledge and perspectives, or to complement their choice of major.

Students may choose any combination of up to two Discipline Minors listed below or University Minors or 4-8 units of general electives instead:

- Agricultural Studies
- Applied Data Analysis
- Biodiversity
- Climatology
- Geographic Information Systems
- Indigenous Studies
- Journalism
- Urban and Regional Planning
- Water Resources
- Wildlife Studies

Students can replace any completed course(s) in a listed minor with a general elective(s). Students may consult the Program Director for a recommendation.

Students should be aware that some courses may have residential school requirements and enrolment requirements (such as pre-requisites) that must be satisfied for an

Tfiaifcb ^ka Mbpq J^k^db j bkq J^gIo

- BIO2100 The Australian Biota
- REN2201 Ecological Methods
- WLF1201 Field Skills for Wildlife, Game and Pest Management
- WLF2101 Management of Wildlife
- WLF2201

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Recommended enrolment pattern - Water [redacted]
2

Students are able to enrol in any offered mode of a cou[redacted]
program mode of study they enrolled in.

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	Vb^o	Pbj	Vb^o	Pbj	Vb^o	Pbj		
Year 3								
Choose one of the following courses:								
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Choose one of the following courses:								
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Footnotes

* Unavailable in on-campus mode at Springfield in 2022
^ Unavailable in S2 2022
\# SCI3302 Industry Placement is a core course and must be completed

Recommended enrolment pattern - Wildlife and Pest Management Major - commencing in Semester 2

Students are able to enrol in any offered mode of a course (on-campus, external or online), regardless of the program mode of study they enrolled in.

Postgraduate programs

Graduate Certificate of Agricultural Futures (GCAG) - GradCertAgFut

	Online
Start:	Semester 1 (February) Semester 2 (July)
Fees:	Commonwealth supported place
Standard duration:	1 semester full-time
Program articulation:	To: Graduate Diploma of Science

Contact us

Admission requirements

To be eligible for admission, applicants must satisfy the following requirements:

- Completion of an Australian university three-year bachelor degree in any area, or equivalent.
  OR
  equivalent professional work experience, as determined through the Credit and Exemption Procedure.
- English Language Proficiency requirements for Category 3.

All students are required to satisfy the applicable English language requirements.

If students do not meet the English language requirements they may apply to study a University-approved English language program. On successful completion of the English language program, students may be admitted to an award program.

Program fees

Commonwealth supported place

A Commonwealth supported place is where the Australian Government makes a contribution towards the cost of a students' higher education and students pay a student contribution amount, which varies depending on the courses undertaken. Students are able to calculate the fees for a particular course via the Course Fee Schedules.

Commonwealth Supported students may be eligible to defer their fees through a Government loan called HECS-HELP.

Program structure

The structure allows flexibility to complete the program in semester 1 or 2 on a full-time basis or complete the program on a part time basis and complete the program either on-campus or online or a combination of modes. It also allows part time students some flexibility to tailor their program based on their existing experience and interest. At least two courses in the program must be at Level 8.ws fle

IT requirements

Access to an up-to-date computer is necessary. On-campus students can access appropriately equipped laboratories, but should consider acquisition of their own computer. Students should be able to access a computer with the following minimum standards. All students should have access to email and the Internet via a computer running the latest versions of Internet web browsers such as Internet Explorer or Firefox. The University has a wireless network for on-campus students' computers. In order to take adv

Graduate Certificate of Science (GCSC) - GradCertSci

QTAC code (Australian and New Zealand applicants): Toowoomba campus: GCSC01; External: GCSC02

CRICOS code (International applicants): 069701A

	On-campus*+	External#*
Start:	Semester 1 (February) Semester 2 (July)	Semester 1 (February) Semester 2 (July) Semester 3 (November)
Campus:	Toowoomba	-
Fees:	Commonwealth supported place Domestic full fee paying place International full fee paying place	Commonwealth supported place Domestic full fee paying place International full fee paying place
Standard duration:	1 semester full-time, 1 year part-time	
Program articulation:	To: Graduate Diploma of Science	

Footnotes

* Please refer to the Program Structure for further information on mode of offer for each specialisation.

\+ The Computing specialisation is available to international on-campus students at USQ Toowoomba.

\# Only the Applied Data Science, Computing or General (depending on the courses chosen) specialisations have a Semester 3 intake.

Contact us

Australian Qualifications Framework

The Australian Qualifications Framework (AQF) is a single national, comprehensive system of qualifications offered by higher education institutions (including universities), vocational education and training institutions and secondary schools. Each AQF qualification has a set of descriptors which define the type and complexity of knowledge, skills and application of knowledge and skills that a graduate who has been awarded that

from outside these disciplines. At least two courses must be Level 8 (all specialisations). The student must select courses according to the pre- and co-requisite requirements contained in individual course specifications.

General	Toowoomba	Online	or external with highly recommended residential schools depending on chosen approved courses

Footnotes

@ Some approved courses for selection have mandatory or highly recommended residential schools and students enrolled externally must be able to attend the residential schools at the specified USQ campus.

^ The Semester 2 intake for the Applied Data Science specialisation will be subject to the approval of the Program Director and may only be available less than part-time (<2 courses in some semesters).

The teaching specialisations alone do not meet eligibility for teacher registration and therefore should only be taken by students who already have completed an initial teacher education program.

Those teachers studying who are relying on government scholarships or are seeking accreditation in a particular state, are advised to check with their funding agency or Education Authority that they are enrolled in an appropriate approved combination of courses. For further advice on these and other possible course combinations please contact the Program Director via usq.support@usq.edu.au.

Required time limits

Students have a maximum of 3 years to complete this program.

IT equivalents(w speciC 387.612 Tm(The attendance reum 9x8r12 T• 1 441.771 361.212 Tm(Pc

Students should visit the USQ minimum computing standards to check that their computers are capable of running the appropriate software and versions of Internet web browsers and to check the minimum and recommended standards for software.

Students will need internet access to retrieve course materials, undertake assessment and participate in course online activities.

Residential schools

The attendance requirement of residential schools within this degree is indicated by the following letters: R = Recommended; HR = Highly Recommended; M = Mandatory. To find out more about residential schools, visit the Residential School Schedule to view specific dates for your degree, or visit the Policy and Procedure Library.

Articulation

A student successfully completing all courses in the Graduate Certificate of Science program will receive full credit towards the Graduate Diploma of Science in the same specialisation. Students intending to continue with the Graduate Diploma must apply for separate admission and may EITHER Graduate with a Graduate Certificate and receive full credit as exemptions into the Graduate Diploma, OR choose not to graduate with the Graduate Certificate, in order to transfer their grades, maintain their GPA and articulate into the Graduate Diploma and ultimately qualify from this higher award only. Students who wish to transfer their grades and maintain their GPA into the Graduate Diploma, must advise the Faculty in wri

Astronomy specialisation recommended enrolment pattern - part-time

Students are able to enrol in any offered mode of a course (on-campus, external or online), regardless of the program mode of study they enrolled in.

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			Buqbok^i		Lkifkb %LKI&			

Students may seek approval from the Discipline Coordinator to enrol in courses not listed in this table.

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J>Q..-/		.				.	

This specialisation alone does not meet eligibility for teacher registration and therefore should only be taken by students who already have completed an initial teacher education program.

Students may seek approval from the Discipline Coordinator to enrol in courses not listed in this table.

Choose four approved courses, at least two of which must be at Level 8.

_____

_____

_____

Graduate Certificate of Science for Primary/Middle School Teaching (GCSP) - GradCertScTeach

This program is only offered to continuing students. No new admissions will be accepted. Students who are interested in this area of study should contact us.

All students are required to satisfy the applicable English language requirements.

If students do not meet the English language requirements they may apply to study a University-approved English language program. On successful completion of the English language program, students may be admitted to an award program.

Program fees

Commonwealth supported place

A Commonwealth supported place is where the Australian Government makes a contribution towards the cost of a students' higher education and students pay a student contribution amount, which varies depending on the courses undertaken. Students are able to calculate the fees for a particular course via the Course Fee Schedules.

Commonwealth Supported students may be eligible to defer their fees through a Government loan called HECS-HELP.

Program structure

The Graduate Certificate of Science for Primary/Middle School Teaching consists of four units of study which are all available in the online study mode.

REN8202 Conservation for Sustainable Futures

BIO8201 Biology Foundations

Select two courses from:

REN3302 Sustainable Resource Use

SCI1901 Science Fundamentals

PHY1107 Astronomy 2

Required time limits

Students have a maximum of 3 years to complete this program.

IT requirements

Access to an up-to-date computer is necessary. On-campus students can access appropriately equipped laboratories, but should consider acquisition of their own computer. Students should be able to access a computer with the following minimum standards. All students should have access to email and the Internet via a computer running the latest versions of Internet web browsers such as Internet Explorer or Firefox. The University has a wireless network for on-campus students' computers. In order to take advantage of this facility and further enhance their on-campus learning environment, students should consider purchasing a notebook/laptop computer with wireless connectivity. Specialist software is required for some courses.

Ar

Recommended enrolment pattern

Students are able to enrol in any offered mode of a course (on-campus, external or online), regardless of the program mode of study they enrolled in.

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	Vb^o	Pbj	Vb^o	Pbj	Vb^o	Pbj	
Two core courses:							
							Bkoljbkqfpklqmbojfqqbafk

Graduate Diploma of Science (GDSI) - GradDipSci

CRICOS code (International applicants): 031448M

	On-campus*+^#@	External * @
Start:	Semester 1 (February) Semester 2 (July)	Semester 1 (February) Semester 2 (July)
Campus:	Ipswich, Toowoomba	-
Fees:	Commonwealth supported place Domestic full fee paying place International full fee paying place	Commonwealth supported place Domestic full fee paying place International full fee paying place
Residential school:		Ipswich (Mandatory)
Standard duration:	1 year full-time, 2 years part-time	
Program articulation:	To: Master of Science; Master of Science (Research)	

Footnotes

* Please refer to the Program Structure for further information on mode of offer for each specialisation.

\+ The Applied Data Science specialisation is only available to international on-campus students at UniSQ Toowoomba and, for students commencing in Semester 1, only to students who have completed (STA8170 Statistics for Quantitative Researchers or STA2300 Data Analysis or STA1003 Fundamental Statistics) and (CSC1401 Foundation Programming or CSC5020 Foundations of Programming) or equivalent in their previous study.

^ The Mathematics and Statistics specialisation is available to international on-campus students at UniSQ Toowoomba — Semester 1 only.

\# The Sport and Exercise specialisation is available to International on-campus students at UniSQ Ipswich. International on-campus students enrolled at the Ipswich campus must consult with the Program Director in selecting their elective courses to ensure they meet ESOS requirements.

@ Sport and Exercise specialisation: courses that include a practical skill competency component and residential school will be conducted at the Ipswich campus

Contact us

Future Australian and New Zealand students	Future International students	Current students
Ask a question Freecall (within Australia): 1800 269 500 Phone (from outside Australia): +61 7 4631 5315 Email: study@usq.edu.au	Ask a question Phone: +61 7 4631 5543 Email: international@usq.edu.au	Ask a question Freecall (within Australia): 1800 007 252 Phone (from outside Australia): +61 7 4631 2285 Email: usq.support@usq.edu.au

Program aims

The program aims to produce graduates that are equipped with essential scientific and/or mathematical knowledge and an appreciation of the latest literature and technologies.

Agricultural Science specialisation

This specialisation provides graduates with a knowledge of contemporary issues associated with agricultural production and sustainability. The program aims to produce graduates with the capacity to engage with a range of agriculture related disciplines.

Applied Climate Science specialisation

The global climate service industry is estimated to have a significant and growing economic value. In Australia, the need for ‘climate smart’ professionals working within their chosen industry is growing with hundreds of job opportunities in industry and the public sector organisation. This specialisation is designed to provide graduates with the knowledge and decision-making skills to work as ‘climate smart’ professionals in many

sectors of economic activity including agriculture, food, water, energy, health, and natural resource management industries.

Applied Data Science specialisation
This specialisation is designed to provide an opportunity for graduates from all disciplines to gain skills and knowledge in handling data which are commonly known as Big Data, as well as producing and interpreting data analytics. The aim of this program is to provide students with a career path in the Data Science area or an opportunity for advancement in their career.

Environment and Sustainability specialisation
This specialisation provides graduates with knowledge of selected basic concepts and skills associated with environmental and climate science and the broad area of sustainability. The program aims to produce graduates with knowledge and skills for the integration of social, environmental and economic research within an interdisciplinary planning and policy framework and to provide capacity for the sustainable management of natural resources, businesses and communities.

Mathematics and Statistics specialisation
This specialisation aims to provide graduates with skills in key areas of mathematics or statistics that relate to the needs of their profession or industry, including teaching.

Physics and Astronomy specialisation
This specialisation is designed to provide an opportunity to gain knowledge and skills in physics and astronomy and develop scientific research skills. The program provides professional development in science for those in educational or science communication careers.

Sport and Exercise specialisation
This specialisation aims to provide graduates with the opportunity to develop and extend their knowledge and skills relevant to health, fitness and sports performance across the lifespan to an advanced level. The specialisation is designed to meet personal achievement goals or provide for career opportunities within the health, sports and fitness industry such as sports coaches, personal trainers, sports development officers or a range of other roles.

General specialisation
This specialisation enables students who have completed at least 8 courses with at least 4 courses at level 8 from courses within other Graduate Diploma of Science specialisations to exit from the MSCN Master of Science.

Program objectives

On completion of the program graduates should be able to:

- Synthesise an understanding of a complex body of advanced knowledge in a discipline of science.
- Apply established theories to a body of advanced knowledge or practice in a relevant science discipline.
- Critically analyse, evaluate and consolidate on complex advanced information, problems, concepts and theories applicable to a relevant science discipline.
- Interpret and transmit advanced knowledge, skills and ideas, both individually and collaboratively, to a range of audiences.
- Display autonomy, responsibility, adaptability and ethical practise in decision-making and engage in lifelong learning through critical reflection in a range of professional and cultural contexts.

Australian Qualifications Framework

The Australian Qualifications Framework (AQF) is a single national, comprehensive system of qualifications offered by higher education institutions (including universities), vocational education and training institutions and secondary schools. Each AQF qualification has a set of descriptors which define the type and complexity of knowledge, skills and application of knowledge and skills that a graduate who has been awarded that qualification has attained, and the typical volume of learning associated with that qualification type.

This program is at AQF Qualification Level 08. Graduates at this level will have advanced knowledge and skills for professional or highly skilled work and/or further learning.

The full set of levels criteria and qualification type descriptors can be found by visiting www.aqf.edu.au.

Admission requirements

To be eligible for admission, applicants must satisfy the following requirements:

- Completion of an Australian university three year Bachelor degree in any area, or equivalent.
  Or
  equivalent professional work experience, as determined through the Credit and Exemption Procedure.
- English Language Proficiency requirements for Category 3.

All students are required to satisfy the applicable English language requirements.

If students do not meet the English language requirements they may apply to study a University-approved English language program. On successful completion of the English language program, students may be admitted to an award program.

Program fees

Commonwealth supported place

A Commonwealth supported place is where the Australian Government makes a contribution to 1 328.685 4832to

Applied Climate Science specialisation

This specialisation consists of the following courses, which are all available by online mode only. Students may vary their enrolment on the basis of prior studies or professional requirements with the approval of the Program Director via usq.support@usq.edu.au. This specialisation is not suitable for international on-campus students.

Semester 1	Semester 2
CLI8001 Climate Risk	CLI3302 Adaptation to Climate Change
CLI8204 Global Environmental Systems	CLI8205 Climate and Sustainability
CLI8002 Climate, Human and Environmental Health and Disaster Management*	CLI8003 Climate, Food, Water and Energy Security*

Footnotes

* Two unit course

Applied Data Science specialisation

This specialisation consists of eight courses which are all available on-campus and online.

Semester 1	Semester 2	Either Semester
		C172

Students must complete eight courses from the following tables. At least four courses must be at Level 8. Students may seek approval from the Discipline Coordinator to enrol in courses not listed in these tables.

Semester 1 Courses

Level 1	Level 2	Level 3	Level 8
			MAT8180

Plus one two-unit course selected from the following:	
PHY8001 Observational Astronomy	PHY8003 Galactic Astronomy and Cosmology
PHY8002 Planetary Science	PHY8004 Stellar Astronomy

PHY8E82.022 738.057 Tm(wing.)Tj0 0 1 1 Observ

IT requirements

Students should visit the UniSQ minimum computing standards to check that their computers are capable of running the appropriate software and versions of Internet web browsers and to check the minimum and recommended standards for software. Students will need internet access to retrieve course materials, undertake assessment and participate in course online activities.

Residential schools

The attendance requirement of residential schools within this degree is indicated by the following letters: R = Recommended; HR = Highly Recommended; M = Mandatory. To find out more about residential schools, visit the Residential School Schedule to view specific dates for your degree, or visit the Policy and Procedure Library.

Sport and Exercise specialisation: For all modes there will be on-campus and practical attendance requirements for some courses. In order to successfully complete the program students must be able to fulfil any designated practical attendance requirements of a one week residential school in each year.

Agricultural Science (approved course)

- BIO3318 Plant Microbe Interactions

Sport and Exercise Specialisation

Core Courses:

- SES8001 Advanced Biomechanics
- SES8005 Advanced Exercise Physiology
- SES8006 Advanced Exercise Programming and Rehabilitation
- SES8007 Advanced Exercise Assessment and Delivery

Approved Courses:

- SES1103 Nutrition and Exercise
- SES3206 Strength Training and Conditioning
- SES8001 Advanced Biomechanics
- SES8003 Advanced Motor Control and Learning
- SES8008 Advanced Anatomy and Physiology

Articulation

Graduate Diploma of Science students may articulate to the Master of Science coursework program with further completion of eight courses, as required by that program.

A student successfully completing all courses in the Graduate Diploma of Science program will receive full credit towards the nts may articulate to the

Exit points

Students may exit with the Graduate Certificate of Science if the courses completed satisfy the requirements of a Graduate Certificate of Science specialisation.

Sport and Exercise specialisation - students may exit with the Graduate Certificate of Sport and Exercise if the courses completed satisfy the requirements of the Graduate Certificate of Sport and Exercise.

Students should consult the Program Director via usq.support@usq.edu.au should they wish to exit to ensure they satisfy requirements for the Graduate Certificate.

Credit

Exemptions/credit will be assessed based on the UniSQ Credit and Exemption Procedure.

Sport and Exercise specialisation:

Exemption of four units may be granted if student has completed the Graduate Certificate of Sport and Exercise offered by UniSQ.

Enrolment

Enrolment patterns will need to be determined for individual students. On acceptance into the program, students must submit an enrolment pattern for approv

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Applied Climate Science specialisation recommended enrolment pattern - part-time S1 or S2 entry

Students are able to enrol in any offered mode of a course (on-campus, external or online), regardless of the program mode of study they enrolled in.

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This enrolment pattern is only available to students who have completed (CSC1401 Foundation Programming or CSC5020 Foundations of Programming) **and** (STA8170 Statistics for Quantitative Researchers or STA2300 Data Analysis or STA1003 Fundamental Statistics) **in previous study.**

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Footnotes

< Unavailable in on-campus mode in 2022

Applied Data Science specialisation recommended enrolment pattern - full-time S2 entry (requires Program Director approval)

Students are able to enrol in any offered mode of a course (on-campus, external or online), regardless of the program mode of study they enrolled in.

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Year 1, Semester 2							
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Environment and Sustainability specialisation recommended enrolment pattern - part-time S1 or S2 entry

Students are able to enrol in any offered mode of a course (on-campus, external or online), regardless of the program mode of study they enrolled in.

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- Investigate, critically analyse, ev

Program structure

The program consists of 16 units comprising of:

- 12 units of core ICT courses
- 4 units of elective courses (any Postgraduate courses, subject to pre-requisite satisfaction)

Core ICT courses

Courses	Semester of offer Online	Semester of offer Toowoomba campus	Semester of offer Springfield campus
CSC5020 Foundations of Programming	1,2,3	1,2,3	
CIS5310 IS/ICT Project Management	1,2,3	1	1
STA8170 Statistics for Quantitative Researchers	1	1	
CIS8008 Business Intelligence	1,2	1	1
CSC8001 Introduction to Data Science and Visualisation	1,2	1,2	
CSC8002 Big Data Management	2,3	2	2
CSC8003 Machine Learning	2,3	2	
CSC8004 Data Mining	1	1	
STA8005 Multivariate Analysis for High-Dimensional Data*	1	1	
CIS8025 Big Data Visualisation	1,2	1,2	
CIS8500 Applied Research for Information System Professionals	1,2	2	1
CSC8600 Advanced ICT Professional Project	1,2	1,2	

Footnotes

* Unavailable in on-campus mode in 2022

Research

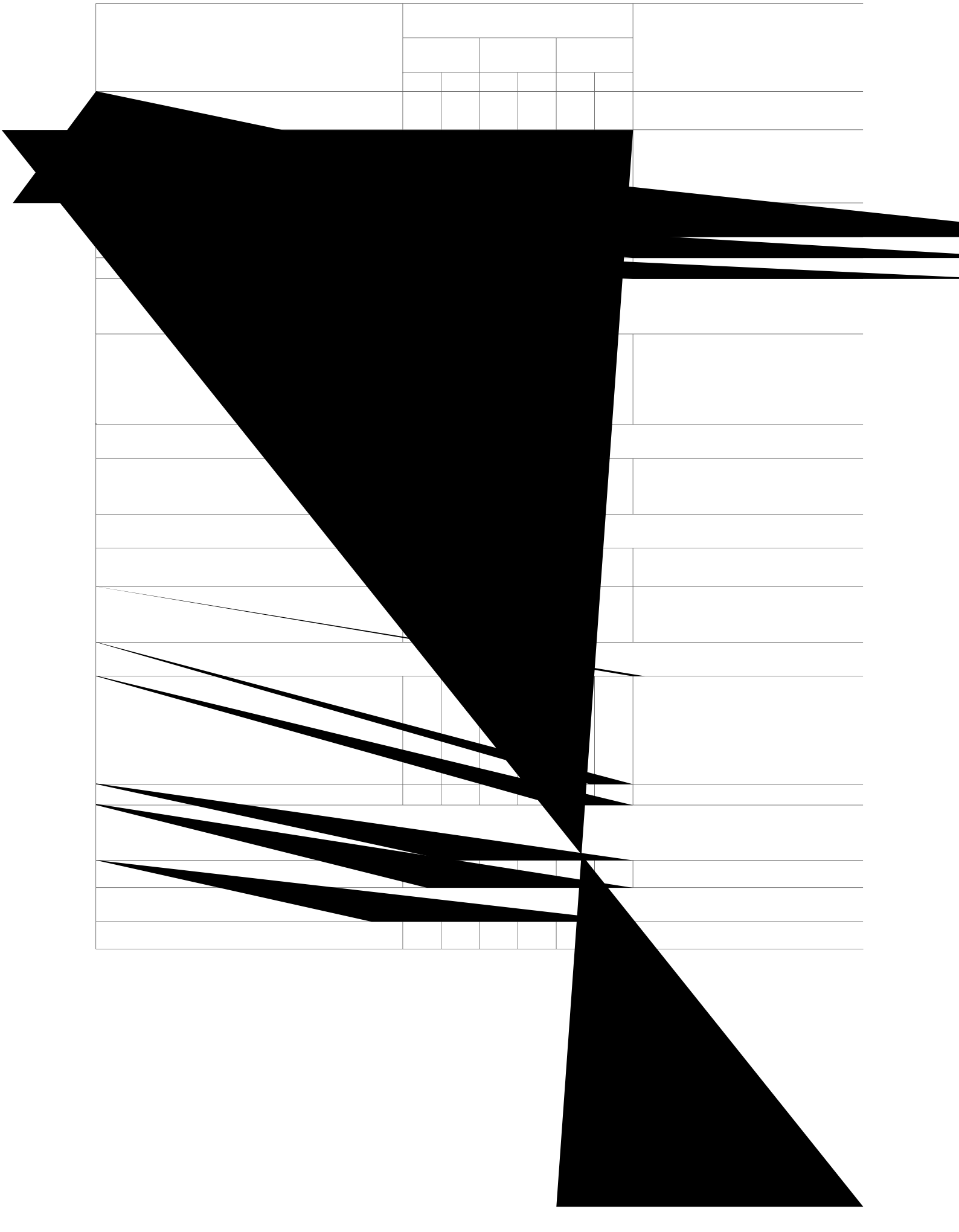
Research dissertation courses as electives

Students wishing to pursue a PhD are encouraged to complete the research dissertation courses below as their electives.1130.885 184.441 l352.35 3 lll3ff302.5 184.441 m302.5 204.542 l378.4 352.33 lll3020.885 224.843 l7430.885 2

Notes:

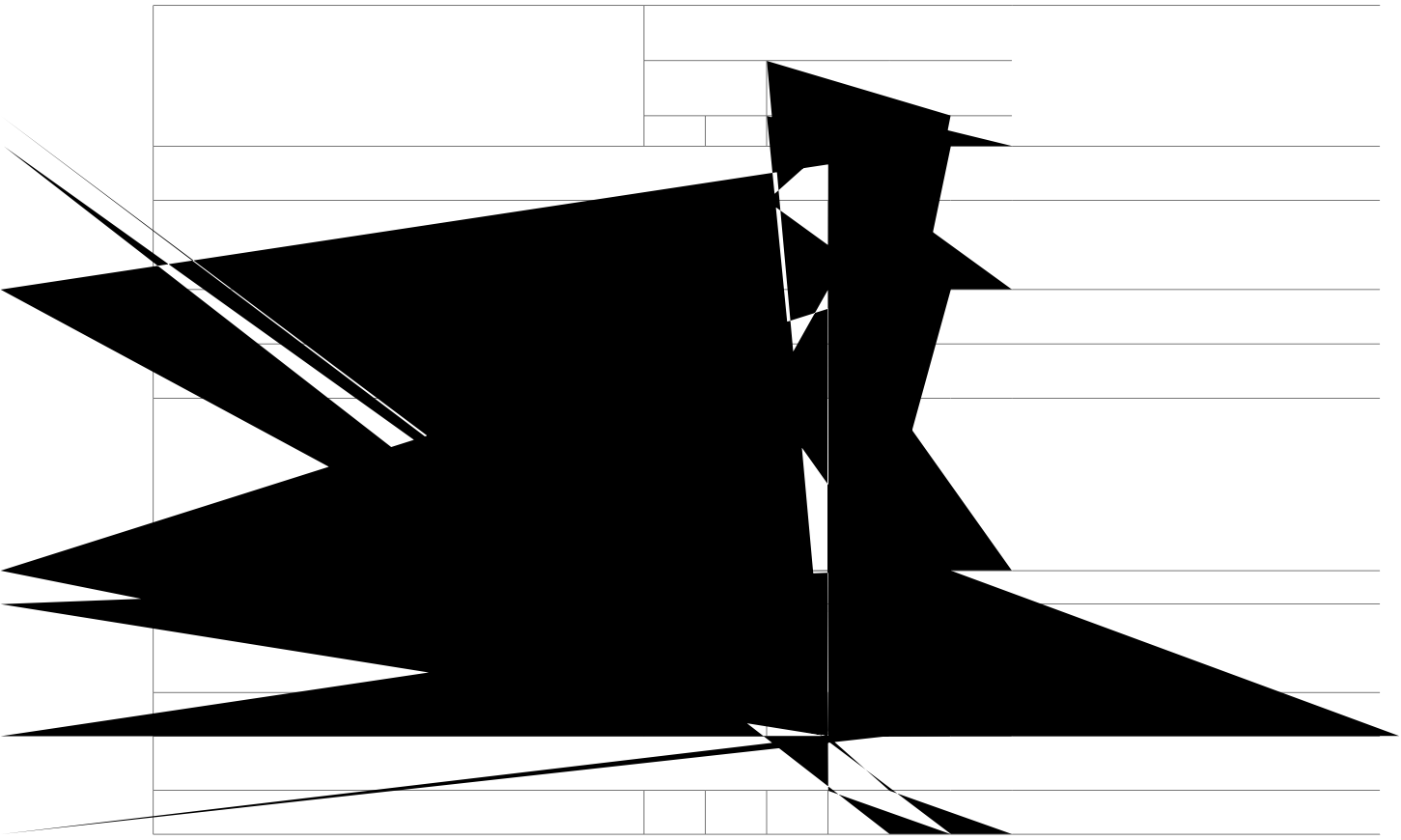
(1) All requests for credits or exemptions need to be sought by the student and approved by the Program Director.

(2)



Students may, with approval of the Program Director and acceptance by an appropriate supervisor, elect to replace two or four units of research training courses (SCI8101 Science in Practice, SCI8102 Research Skills, SCI8103 Research Fundamentals and Ethics and/or 1 approved course) with one or two 2-unit research project courses (MSC8001 Research Project I and MSC8002 Research Project II) or (MSC8003 Industry Based Research Practice I and MSC8004 Industry Based Research Practice II).

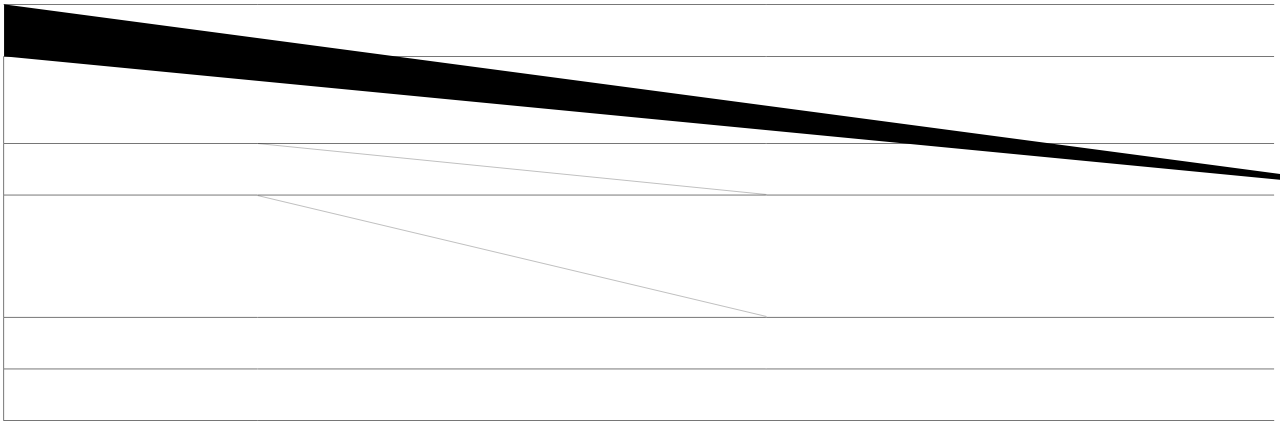
International students may not be able to enrol in 4 courses for a full time workload in Semester 3.



Master of Science (MSCN) - MSc

QTAC code (Australian and New Zealand applicants): Environment & Sustainability (Toowoomba campus: MSCN04; External: MSCN10); Sport & Exercise (Toowoomba campus: MSCN06; External: MSCN12); Astrophysics (Toowoomba campus: MSCN03; External: MSCN09); Mathematics & Statistics (Toowoomba campus: MSCN05; External: MSCN11); Unspecified (Toowoomba campus: MSCN02; External: MSCN08)

CRICOS code (International applicants): 078596M



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The global climate service industry is estimated to have a significant and growing economic value. In Australia, the need for ‘climate smart’ professionals working within their chosen industry is growing with hundreds of job opportunities in industry and the public sector organisation. This specialisation is designed to provide graduates with the knowledge and decision-making skills to work as ‘climate smart’ professionals in many sectors of economic activity including agriculture, food, water, energy, health, and natural resource management industries.

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This specialisation is designed to provide an opportunity to gain knowledge and skills in astrophysics and develop scientific research skills. The program thus provides professional development in science for those in educational or science communication careers, and a specialist foundation of knowledge and skills for subsequent higher degree research.

Bksfol k j bkq ^ka Prpq^fk^_fifqv pmb`f^ifp^qfl k

Modern environment and natural resource management requires the integration of social, environmental and economic research within an interdisciplinary planning and policy framework. It also requires a capacity to handle complexity and uncertainty and the application of different methods of analysis and different approaches to governance and community engagement. This coursework Masters program addresses these needs by providing important core studies and flexibility in choice of elective studies that will enhance their skills and knowledge in the broad discipline of environment and sustainability. Adaptation to climate change and sustainability science are emphasised in global and regional contexts in this specialisation.

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Australian Qualifications Framework

The Australian Qualifications Framework (AQF) is a single national, comprehensive system of qualifications offered by higher education institutions (including universities), vocational education and training institutions and secondary schools. Each AQF qualification has a set of descriptors which define the type and complexity of knowledge, skills and application of knowledge and skills that a graduate who has been awarded that qualification has attained, and the typical volume of learning associated with that qualification type.

This program is at AQF Qualification Level 09. Graduates at this level will have specialised knowledge and skills for research, and/or professional practice and/or further learning.

The full set of levels criteria and qualification type descriptors can be found by visiting www.aqf.edu.au.

Admission requirements

To be eligible for admission, applicants must satisfy the following requirements:

- Completion of an Australian university three year Bachelor degree in any area, or equivalent
  or
  equivalent professional work experience, as determined through the Credit and Exemption Procedure.
- English Language Proficiency requirements for Category 3.

As well as the following specialisation-specific requirements:

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- Knowledge of mathematics at least equivalent to that found in MAT1102 Algebra and Calculus I.

All students are required to satisfy the applicable English language requirements.

If students do not meet the English language requirements they may apply to study a University-approved English language program. On successful completion of the English language program, students may be admitted to an award program.

Program fees

Commonwealth supported place

A Commonwealth supported place is where the Australian Government makes a contribution towards the cost of a students' higher education and students pay a student contribution amount, which varies depending on the courses undertaken. Students are able to calculate the fees for a particular course via the Course Fee Schedules.

Commonwealth Supported students may be eligible to defer their fees through a Government loan called HECS-HELP.

Domestic full fee paying place

Domestic full fee paying places are funded entirely through the full fees paid by the student. Full fees vary depending on the courses that are taken. Students are able to calculate the fees for a particular course via the Course Fee Schedule

Domestic full fee paying students may be eligible to defer their fees through a Government loan called FEE-HELP provided they meet the residency and citizenship requirements.

Australian citizens, Permanent Humanitarian Visa holders, Permanent Resident visa holders and New Zealand citizens who will be resident outside Australia for the duration of their program pay full tuition fees and are not eligible for FEE-Help.

International full fee paying place

International students pay full fees. Full fees vary depending on the courses that are taken and whether they are studied on-campus, via distance education/online. Students are able to calculate the fees for a particular course via the Course Fee Schedules.

Program structure

appropriate Level 8 courses. A maximum of three approved courses at UniSQ Level 2 or above can be taken from other discipline areas if prior approval has been sought by the student and approved by the Program Director.

Master of Science (Sport and Exercise): Students who have a Bachelor's degree in Sport and Exercise (or similar) may seek up to 4 credits/exemptions and one alternate approved course for the undergraduate level courses.

Required time limits

Students have a maximum of 8 years to complete this program.

Agricultural Science specialisation

This specialisation consists of 16 units of courses which are all available in either on-campus, external or online mode.

Semester 1	Semester 2	Either Semester
AGR8001 Food Security in the 21st Century	AGR8002 Emerging Technologies in Agriculture	
CLI8001 Climate Risk	AGR8003 Critical Issues in Agriculture	

Approved Courses: choose at most 3 Approved Courses. At least 4 of the selected courses from Core Courses AND Approved Courses must be at level 8.		
EDU8326 Learning Difficulties: Mathematics**	MAC8901 Issues in Teaching Mathematics**	SCI3302 Industry Placement^^
and **EITHER** the following four courses, which comprise the **Research Training Track:**#		
SCI8103 Research Fundamentals and Ethics	CSC8411 Independent Studies in Computing/Mathematics/Statistics B	
SCI8101 Science in Practice	CSC8002 Big Data Management	
OR the following two courses **(subject to prior approval)**, which comprise the **Research Project Track:**		
MSC8001 Research Project I*	MSC8002 Research Project II*	

Footnotes

** Recommended courses for students wanting to teach mathematics.
+ The on-campus offering of this course is offered in even years only.
@ The on-campus offering of this course is offered in odd years only.
^ These courses are topics based courses. Student should select a topic from the course specifications and email the examiner prior to enrolment to receive enrolment approval.
^^ Available in S1, S2 and S3
# Instead of the Research Training Track, students may seek permission to do the Research Project Track and replace these courses with MSC8001 Research Project I AND MSC8002 Research Project II.
* Two unit course

Sport and Exercise specialisation

This specialisation consists of 16 units of courses which are all available in either on-campus, external or online mode.SporResearch Project ISporResear90.115 l373.834 90. ,1.917 ect II

Footnotes

Instead of the Research Training Track, students may seek permission to do the Research Project Track and replace these courses with MSC8001 Research Project I AND MSC8002 Research Project II.

* Two unit course

Approved Course List

Footnotes

* The S3 online offer will not be available in 2022.

IT requirements

Students should visit the UniSQ minimum computing standards to check that their computers are capable of running the appropriate software and versions of Internet web browsers and to check the minimum and recommended standards for software.

Other program requirements

To qualify for the award of Master of Science (Environment and Sustainability) students must pass 16 units of courses, at least eight of which are to be Level 8 courses listed in the Recommended Enrolment Pattern section. Students who have completed the same courses or similar courses at UniSQ or elsewhere may replace these with additional approved courses with the approval of the Program Director via usq.support@usq.edu.au.

Residential schools

The attendance requirement of residential schools within this degree is indicated by the following letters: R = Recommended; HR = Highly Recommended; M = Mandatory. To find out more about residential schools, visit the Residential School Schedule to view specific dates for your degree, or visit the Policy and Procedure Library.

Students completing the Sport and Exercise specialisation: for all modes there will be on-campus and practical attendance requirements for some courses. In order to successfully complete the program students must be able to fulfil any designated practical attendance requirements.

Agricultural Science Specialisation

- BIO3318 Plant Microbe Interactions

Sport and Exercise Specialisation

- SES1103 Nutrition and Exercise
- SES3206 Strength Training and Conditioning
- SES8001 Advanced Biomechanics
- SES8003 Advanced Motor Control and Learning
- SES8005 Advanced Exercise Physiology
- SES8006 Advanced Exercise Programming and Rehabilitation
- SES8007 Advanced Exercise Assessment and Delivery
- SES8008 Advanced Anatomy and Physiology

Articulation

Students completing the Master of Science research project track would be eligible to apply for articulation to the Master of Science (Research) or Doctor of Philosophy programs if they meet other requirements for entry into those programs.

Students completing the Master of Science research training track with the appropriate GPA would be eligible to apply for enrolment in the Master of Science (Research) (Advanced) and then could progress (articulate) to a PhD via that route once they have demonstrated satisfactory progress in a significant research component.

Exit points

Students may exit with Graduate Diploma of Science specialisation on successful complete of a least 8 courses within the Master of Science if they have satisfied the requirements of a Graduate Diploma of Science specialisation. Students may exit with the Graduate Diploma of Science (General) if they have completed at least 8 courses from one or more of the specialisations of MSCN, and at least 4 of them are at level 8.

Students may exit with Graduate Certificate of Science specialisation on successful completion of at least 4 courses within the Master of Science if they have satisfied the requirements of a GCSC Graduate Certificate

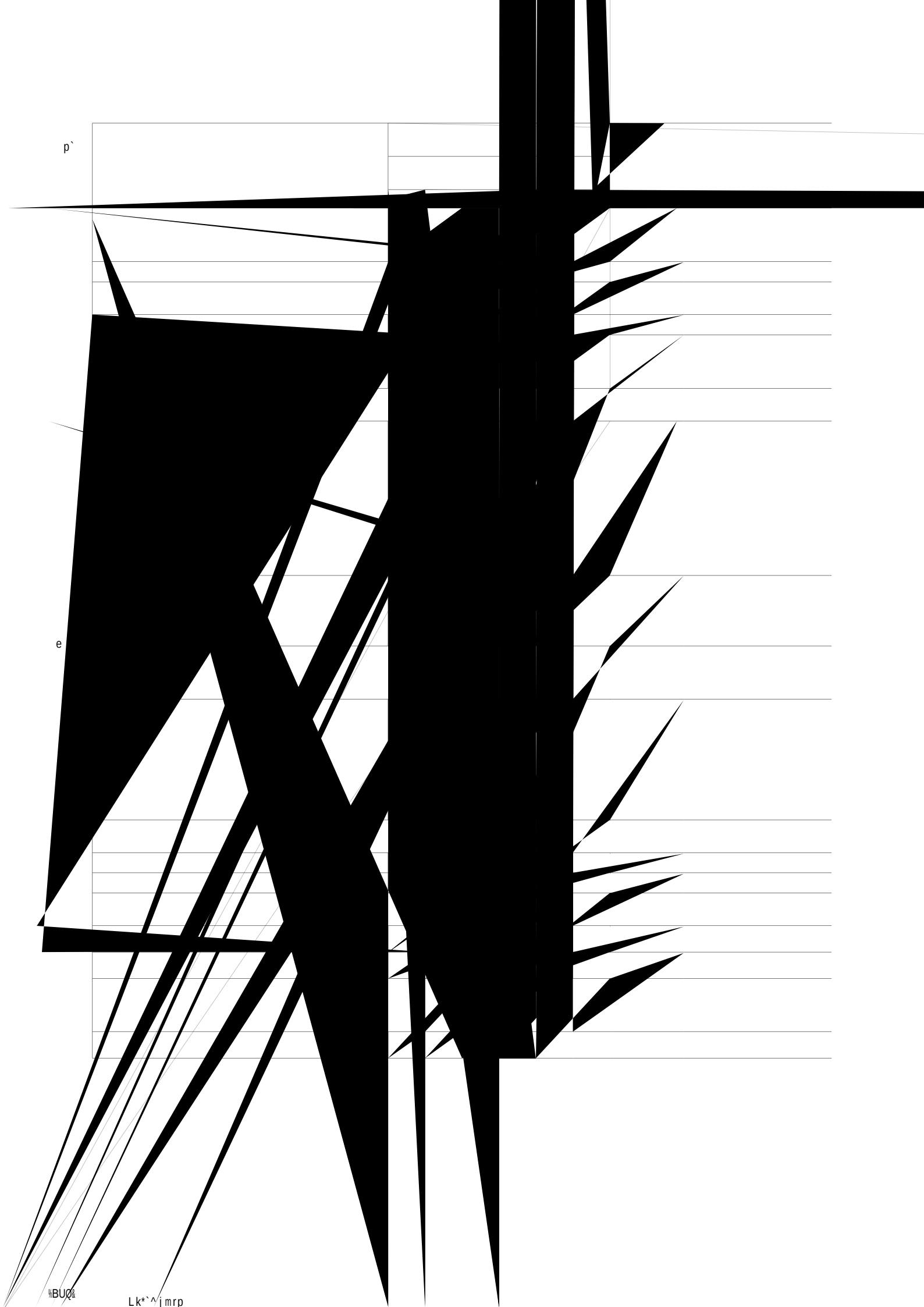
of Science specialisation. Students may exit with the Graduate Certificate of Science (General) if they have completed at least 4 courses from one or more of the specialisations of Master of Science, and at least 2 of them are at level 8.

Students in the Sport and Exercise specialisation may exit with the Graduate Certificate of Sport and Exercise on successful completion of four approved units of study or the Graduate Diploma of Science (Sport and Exercise) after eight approved units of study.

Credit

Exemptions/credit for all specialisations will be assessed according to UniSQ procedure.

- Up to **four** units of coursework exemptions or credit will be granted if the student has completed courses equivalent to courses offered in the particular MSCN specialisation in either:
  - UniSQ's Graduate Certificate of Science; or
  -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Recommended Enrolment Pattern - Agricultural Science specialisation Part-time (8 Semesters,

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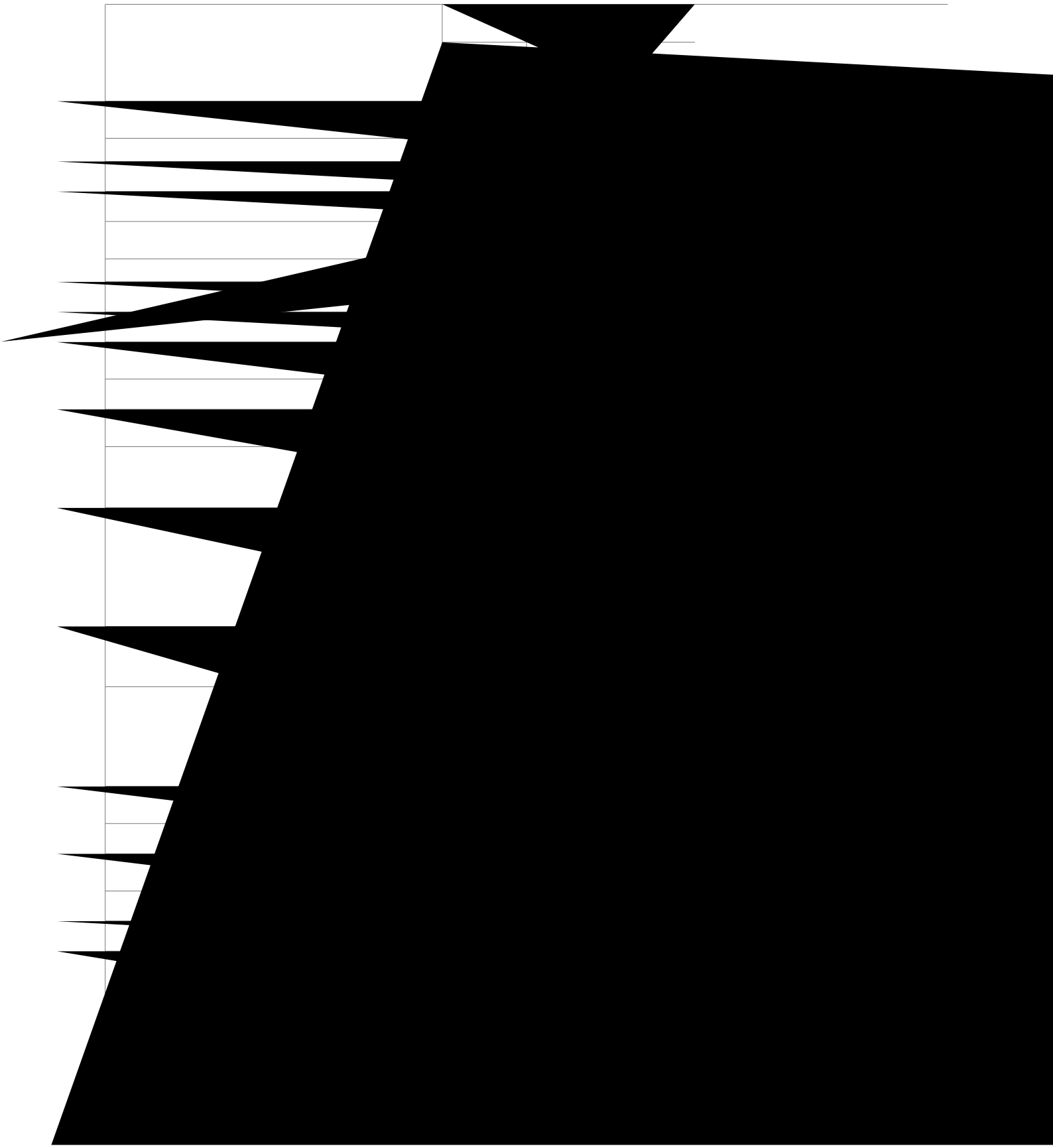
Students may, with approval of the Program Director and acceptance by an appropriate supervisor, elect to replace two or four units of research training courses (SCI8101 Science in Practice, SCI8102 Research Skills, SCI8103 Research Fundamentals and Ethics and/or STA8170 Statistics for Quantitative Researchers) with one or two 2-unit research project courses (MSC8001 Research Project I and MSC8002 Research Project II).



Instead of the Research Training Track, students may seek permission to do the Research Project Track and replace these courses with MSC8001 (2 units) and MSC8002 (2 units).

Recommended Enrolment Pattern - Astrophysics specialisation Part-time (8 Semesters, S1 or S2 entry)

Students are able to enrol in any offered mode of a course (on-campus, external or online), regardless of the program mode of study they enrolled in.

Students may, with approval of the Program Director and acceptance by an appropriate supervisor, elect to replace two or four units of research training courses (SCI8101 Science in Practice, SCI8102 Research Skills, SCI8103 Research Fundamentals and Ethics and/or STA8170 Statistics for Quantitative Researchers) with one or two 2-unit research project courses (MSC8001 Research Project I and MSC8002 Research Project II).

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Footnotes

< If STA2300 has been completed previously, contact the Program Director to choose an alternative course to STA8170.
+ Recommended courses for students wanting to teach mathematics.
* The on-campus offering of this course is offered in odd years only.
$ Unavailable in on-campus mode in 2022
^ This is a topics based course. Students should select a topic from the course specification and email the examiner prior to enrolment to receive enrolment approval.
@ The on-campus offering of this course is offered in even years only.
# Instead of the Research Training Track, students may seek permission to do the Research Project Track and replace these courses with MSC8001 (2 units) and MSC8002 (2 units).
++ Two unit course

Recommended Enrolment Pattern - Sport and Exercise specialisation Full-time (4 Semesters) S1 or S2 entry

Students are able to enrol in any offered mode of a course (on-campus, external or online), regardless of the program mode of study they enrolled in.

Students may, with approval of the Program Director and acceptance by an appropriate supervisor, elect to replace two or four units of research training courses (SCI8101 Science in Practice, SCI8102 Research Skills, SCI8103 Research Fundamentals and Ethics and/or STA8170 Statistics for Quantitative Researchers) with one or two 2-unit research project courses (MSC8001 Research Project I and MSC8002 Research Project II).

Master of Sustainability Science (MSSC) - MSustSci

This program is offered only to continuing students. No new admissions will be accepted after the S1 2013 intake. Students who are interested in this area should consider the Master of Science **(Environment & Sustainability)**.

Admission requirements

To be eligible for admission, applicants must satisfy the following requirements:

Applicants must hold a three-year Bachelor's degree from an Australian University or equivalent.

A formal process of Accreditation of Prior Learning (APL) will be used to assess applicants without Bachelor degrees, who wish to gain entry to the program on the basis of equivalent experience or qualifications. Applicants should contact the Faculty of Health, Engineering and Sciences if they wish to be assessed for admission on this basis.

All students are required to satisfy the applicable English language requirements.

If students do not meet the English language requirements they may apply to study a University-approved English language program. On successful completion of the English language program, students may be admitted to an award program.

Program fees

Domestic full fee paying place

Domestic full fee paying places are funded entirely through the full fees paid by the student. Full fees vary depending on the courses that are taken. Students are able to calculate the fees for a particular course via the Course Fee Schedule

Domestic full fee paying students may be eligible to defer their fees through a Government loan called FEE-

Recommended enrolment pattern - Part-time

Students are able to enrol in any offered mode of a course (o

Research programs

Master of Science (Research) (MSCR) - MSCR

CRICOS code (International applicants): 070618G

This program is offer

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This specialisation is designed to provide students with extended psychology research training which will provide and enhance student knowledge in psychology research and professional psychology practices.

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This specialisation is designed to provide students who have already undertaken substantial prior studies in a relevant area with the opportunity to focus on a significant research project in a related area.

Transfer between specialisations within this program is not possible.

Program objectives

General objectives

On successful completion of this program a graduate should be able to:

- identify, interpret and evaluate major issues of contemporary theory and practice in their discipline area
- comprehend and evaluate developments in a chosen discipline area and critically examine the relationships between such developments and contemporary theory
- apply a knowledge of the principles and ethics of research within their chosen discipline area
- identify research topics and undertake research using appropriate research methods and principles.
- report and disseminate research outcomes.

Specialisation Objectives

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On successful completion of this program a graduate should be able to:

- apply extended knowledge, skills and research expertise in a specified field of scientific research building upon their three year degree
- plan and execute a substantial applied research project in their chosen discipline area.

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On successful completion of this program a student should be able to:

- apply extended knowledge, skills, and research expertise in the discipline of psychology
- clearly articulate the ethical and social responsibilities of psychology practice and research
- identify, interpret and critically evaluate major issues in contemporary psychological theory and research
- apply high levels of proficiency in psychology research including research planning and implementation, analysis, interpretation and evaluation of research results, and the presentation and communication of research findings to both specialist and non-specialist audiences.

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On successful completion of this program a graduate should be able to:

- extend and develop the research expertise and techniques of students entering the specialisation with a four year degree or equivalent
- plan and execute a substantial advanced research project in their chosen discipline area
- apply thorough research skills to be eligible to transfer (if desired) to a doctoral program from this specialisation.

Australian Qualifications Framework

The Australian Qualifications Framework (AQF) is a single national, comprehensive system of qualifications offered by higher education institutions (including universities), vocational education and training institutions and secondary schools. Each AQF qualification has a set of descriptors which define the type and complexity

of knowledge, skills and application of knowledge and skills that a graduate who has been awarded that qualification has attained, and the typical volume of learning associated with that qualification type.

This program is at AQF Qualification Level 09. Graduates at this level will have specialised knowledge and skills for research, and/or professional practice and/or further learning.

The full set of levels criteria and qualification type descriptors can be found by visiting www.aqf.edu.au.

Admission requirements

To be eligible for admission, applicants must satisfy the following requirements:

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The degree is centred on a research project, supervised by a principal and an associate supervisor. It is therefore essential that intending candidates clarify their topic for research and seek an academic staff member able to provide principal supervision. Application forms and advice on procedures for enrolment may be obtained from the Faculty of Health, Engineering and Sciences. Intending candidates are advised to allow several months for discussion with potential supervisors and for consideration of the application prior to the

- English Language Proficiency requirements for Cate

If a student's RTP Fees Offset entitlement expires before completion of the program, the student will be required to pay full tuition fees.

Students eligible for an RTP Fees Offset place are those who:

- have not used RTP Fees Offset funding in the previous three years; or
- have already used RTP Fees Offset funding and have successfully completed an HDR program. Once a student completes an HDR program, full entitlements of RTP Fees Offset are restored.

The Australian Commonwealth Government’s contribution to program fees must be acknowledged on all published material relating to a research project via a statement identifying the support received through the RTP Fees Offset scheme.

Program structure

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There are 12 units in the program. There are four coursework units which will include a research training course. Courses are normally at level 4 or above and are selected in consultation with the supervisor to reflect additional training complementary to the area of research to be undertaken. The research training course will consist of SCI8103 Research Fundamentals and Ethics or HSC8050 Research Methodology for the Human Sciences or ENG8001 Engineering Research Methods or equivalent (as approved by the Program Director).

The remaining 8-unit research project will be undertaken in consultation with an approved supervisor. The first research project course SCI9012 Master of Science Research Project B is evaluated by a progress report and a thesis proposal.

The student will prepare a thesis based on independently conducted research. To successfully complete the thesis, students will be required to select a research topic, carry out supervised research on the chosen topic using an appropriate research method and present and defend the results. The Masters level thesis will be examined as per the Higher Degree by Research Thesis Examination Schedule.

The thesis topic may be drawn, depending on availability, from the areas of:

- Agricultural Science
- Applied Climate Science
- Astronomy
- Biology
- Computer Science
- Counselling
- Data Science
- Environmental Science
- Mathematics
- Midwifery
- Nursing
- Physical Sciences
- Psychology
- Spatial Science
- Sport and Exercise
- Statistics

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There are 12 units in the program. There are four compulsory Level 4 psychology coursework units.

The remaining 8-unit research project will be undertaken in consultation with an approved supervisor. The first research project course SCI9017 Master of Science Psychology Research Project is evaluated by a progress report and a thesis proposal.

The student will prepare a thesis based on independently conducted research. To successfully complete the thesis, students will be required to select a research topic, carry out supervised research on the chosen topic using an appropriate research method and present and defend the results. The Masters level thesis will be examined as per the Higher Degree by Research Thesis Examination Schedule.

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Candidates will be expected to conduct their studies in areas of science research that reflect the expertise of current staff in the Faculty of Health, Engineering and Sciences. Most research active staff are also members of a USQ Research Centre. Details of current research programs and potential supervisors can be found on the Research webpage.

The emphasis of the program will be on developing the appropriate knowledge and skills to undertake independent research and professional practice. Accordingly, a major component of the program will be a supervised research project.

There are 12 units in the program. There is one unit of coursework research training, one postgraduate elective (coursework or research training as approved by the Program Director) and 10 units of independent research. Progress in the research courses is monitored via research reports co-ordinated by the Office of Research and Higher Degrees. In addition, two of the research project courses (SCI9012 Master of Science Research Project B and SCI9013 Master of Science Research Project C are formally evaluated. SCI9012 Master of Science Research Project B is evaluated by a progress report and a thesis proposal. In the case of SCI9013 Master of Science Research Project C, this is evaluated by a progress seminar and progress report.

The student will prepare a thesis based on independently conducted research. To successfully complete the thesis, students will be required to select a research topic, carry out supervised research on the chosen topic using an appropriate research method and present and defend the results. The Masters level thesis will be examined as per the Higher Degree by Research Thesis Examination Schedule.

The research training course will consist of SCI8103 Research Fundamentals and Ethics or HSC8050 Research Methodology for the Human Sciences or ENG8001 Engineering Research Methods or equivalent (as approved by the Program Director).

The thesis topic may be drawn, depending on availability, from the areas of:

- Agricultural Science
- Applied Climate Science
- Astronomy
- Biology
- Computer Science
- Counselling
- Data Science
- Environmental Science
- Mathematics
- Midwifery
- Nursing
- Physical Sciences
- Psychology
- Spatial Science
- Sport and Exercise
- Statistics

Required time limits

Students have a maximum of 2 years (full-time) or 4 years (part-time) to complete this program.

Residential schools

The attendance requirement of residential schools within this degree is indicated by the following letters: R = Recommended; HR = Highly Recommended; M = Mandatory. To find out more about residential schools, visit the Residential School Schedule to view specific dates for your degree, or visit the Policy and Procedure Library.

Psychology Research:

- SCI9017 Master of Science Psychology Research Project

Please refer to the Residential School Schedule.

Applied Research and Advanced Research:

Elective course options within the Applied Research and Advanced Research specialisations may have residential schools and students should seek confirmation of the requirements when selecting their electives.

Exit points

Students enrolled in the Applied Research specialisation, who have successfully completed four coursework units and wish to exit without completing the program, may seek, with approval of the Program Director, to exit via the Graduate Certificate of Science. Students must successfully complete this specialisation prior to application for entry to the PhD program.

Students enrolled in the Psychology Research specialisation must successfully complete this specialisation prior to application for entry to the PhD.

Doctorate transfer

Students enrolled in the Master of Science (Research) Advanced Research specialisation, who wish to transfer without completing the program, may on the basis of outstanding performance, seek to transfer to the Doctor of Philosophy, Doctor of Applied Science or Doctor of Health. To be considered for acceptance into either of the above programs, students must have achieved all of the following:

- Completed at least 8 units within the Master of Science (Research) Advanced Research specialisation.
- A GPA of at least 6 achieved from chosen research methodology course,8nr799 Tm(l)Tj/F2 11 Tf1 0 0 .703.14 381.5

Recommended enrolment pattern - Applied Research specialisation (full-time)

Students are able to enrol in any offered mode of a course (on-campus, external or online), regardless of the program mode of study they enrolled in.

Recommended enrolment pattern - Applied Research specialisation (part-time)

Students are able to enrol in an59.528 729.95Students are abltime)

For students who wish to start the program in Semester 2, please contact the Psychology specialisation coordinator for a recommended enrolment pattern.

The Psychology Research specialisation may be studied externally, however mandatory attendance at the scheduled block on-campus workshops will be required on-campus in Toowoomba and/or Ipswich during the first year of the program. The number of days required at each block on-campus workshop will depend on enrolment mode. There are 8 compulsory courses (worth 12 units). The courses are as follows.

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Footnotes

+ Graded course
* Two unit course
~ Pass/Fail course

Recommended enrolment pattern - Psychology Research specialisation (part-time)

Students are able to enrol in any offered mode of a course (on-campus, external or online), regardless of the program mode of study they enrolled in.

The Psychology Research specialisation may be studied externally, however mandatory attendance at the scheduled block on-campus workshops will be required on-campus in Toowoomba during the first year of

the program. The number of days required at each block on-campus workshop will depend on enrolment mode. There are 8 compulsory courses (worth 12 units). The courses are as follows.

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Footnotes

\+ Graded course

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Recommended enrolment pattern - Advanced Researc

Recommended enrolment pattern - Advanced Research specialisation (part-time)

Students are able to enrol in any offered mode of a course (on-campus, external or online), regardless of the program mode of study they enrolled in.

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Footnotes

& Required for Spatial Science students and must be completed satisfactorily during the first semester of study. Students who have previously completed HSC8050 Research Methodology for the Human Sciences or an equivalent course elsewhere, will be required to undertake an alternative course selected in consultation with the Program Director.

** Approved courses may not be available on campus at Ipswich. Courses will normally be at level 8 or above and are selected in consultation with the project supervisor and approval of the Program Director. Sport and Exercise students who have already met the research methods/training requirements may choose an approved course and are recommended to choose from SES8006 Advanced Exercise Programming and Rehabilitation , SES8007 Advanced Exercise Assessment and Delivery (compulsory residential school for external students) and SES8008 Advanced Anatomy and Physiology (compulsory residential school for external students), however an alternate course from within a relevant Science or Health and W

Doctor of Applied Science (DASC) - DASC

This program is offered only to continuing students. No new admissions will be accepted. Students who are interested in this study area should contact us.

	External*
Start:	No new admissions
Campus:	
Fees:	Domestic full fee paying place International full fee paying place Research Training Program (RTP) - Fees Offset scheme

Completion of an Australian university Masters degree (with a research component), or other qualifications equivalent to First Class or 2A Honours.

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research experience (such as through the completion of a relevant honours degree) the Program Coordinator may approve replacement of MSC8001 and MSC8002 with approved courses. Students who wish to apply for exemptions/credit based on the USQ Credit and Exemption Procedure should seek advice from the Program Coordinator via Contact USQ.

Program completion requirements

The award of a Doctor of Applied Science requires the successful completion of:

- all eight coursework courses
- an external examination of the student's thesis.

Required time limits

Full-time candidates normally complete in 3 years. Part-time candidates will normally complete the program within 6 years of part-time study.

IT requirements

Access to an up-to-date computer is necessary. On-campus students can access appropriately equipped laboratories, but should consider acquisition of their own computer. External students should be able to access a computer with the following minimum standards as advised by the University. All students should have access to email and the Internet via a computer running the latest versions of Internet web browsers such as Internet Explorer or Firefox. The University has a wireless network for on-campus students' computers. In order to take advantage of this facility and further enhance their on-campus learning environment, students should consider purchasing a notebook/laptop computer with wireless connectivity. A notebook/laptop may be required for some courses.

Exit points

Candidates who complete the eight units of coursework only may satisfy the requirements for the Graduate Diploma of Science.

Credit

Exemptions/credit will be assessed based on the USQ Credit and Exemption Procedure.

Enrolment

Candidates for admission to the program should note that some of the courses specify enrolment requirements. This will mean that successful applicants may be enrolling in courses for which they do not have sufficient pre-requisite knowledge. Applicants should refer to the courses specifications to determine the enrolment requirements for the courses they intend enrolling in. Candidates will be expected to rectify any deficiencies in their pre-requisite knowledge by private study, guided if necessary by the examiners of the relevant courses.

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Master of Research (MRES) - MRes New

CRICOS code (International applicants): 108591H

	On-campus	External	Online
Start:		Semester 1 (February) Semester 2 (July)	
Campus:	Ipswich, Springfield, Toowoomba	Ipswich, Springfield, Toowoomba	-
Fees:	Domestic full fee paying place International full fee paying place Research Training Program (RTP) - Fees Offset scheme	Domestic full fee paying place International full fee paying place Research Training Program (RTP) - Fees Offset scheme	
Standard duration:	2 Years Full Time; 4 Years Part Time. This reflects the length of time that the program is RTP funded for domestic students.		

Contact us

Future Australian and New Zealand students	Future International students	Current students
Ask a question Freecall (within Australia): 1800 269 500 Phone (from outside Australia): +61 7 4631 5315 Email: study@usq.edu.au	Ask a question Phone: +61 7 4631 5543 Email: international@usq.edu.au	Ask a question Freecall (within Australia): 1800 007 252 Phone (from outside Australia): +61 7 4631 2285 Email usq.support@usq.edu.au

Program aims

The Master of Research provides opportunities for motivated and highly qualified students to undertak

of knowledge, skills and application of knowledge and skills that a graduate who has been awarded that qualification has attained, and the typical volume of learning associated with that qualification type.

This program is at AQF Qualification Level 09. Graduates at this level will have specialised knowledge and skills for research, and/or professional practice and/or further learning.

The full set of levels criteria and qualification type descriptors can be found by visiting www.aqf.edu.au.

Admission requirements

To be eligible for admission, applicants must satisfy the following requirements:

(1) completion of a three-year degree at an Australian university or equivalent, with a GPA of 5.0/7.0 or above, or equivalent, in a relevant discipline
or
(2) completed a three-year degree at an Australian university or equivalent and have a successfully completed a coursework masters, with a GPA of 5.0/7.0 or above, or equivalent score, in a relevant discipline.
plus
(3) acceptance will be subject to the availability of, and endorsement by, a USQ supervisor.

In addition to the above, students in the Psychology Research Specialisation will need to have completed an https://psychologycouncil.org.au/APAC accredited there-year sequence undergraduate program in psychology and to be current in the area of psychology. This means students need to have commenced their studies in an APAC accredited program no earlier than 8 years previous to the year of application and have satisfied requirements for the award of the degree no more than 3 years previously. The rationale for this is to ensure students can still demonstrate a breadth/depth of knowledge, skills, and application in psychology and meet APAC competencies.

NOTE: The MRES is based on supervision by a Principal and one or more Associate Supervisors, therefore it is essential that applicants clarify their topic for research and seeIt1.0h.1 0 0 1 389.473 941 T9.3pic ff 577.141 Tm(e1 TrB

Research Training Program (RTP) - Fees Offset scheme

All Australian citizens, Australian permanent residents and New Zealand citizens commencing a Higher Degree by Research (HDR) program will have their tuition fees paid by the Australian Commonwealth Government under the Research Training Program (RTP) Fees Offset scheme. The RTP Fees Offset scheme covers program fees for an HDR student up to a maximum period of four years for full-time study or up to eight years part-time study for a Doctoral program, and up to a maximum period of two years for full-time or four years part-time for a Masters by Research program.

As part of the enrolment process, students are required to submit proof of citizenship or permanent residency status and transcripts of all previous academic study. This documentation enables the University of Southern Queensland to determine eligibility for an RTP Fees Offset place.

If a student's RTP Fees Offset entitlement expires before completion of the program, the student will be required to pay full tuition fees.

Students eligible for an RTP Fees Offset place are those who:

- have not used RTP Fees Of

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Students may enrol in an alternative pattern if they meet the requirements to articulate from the Master of Research to the Doctor of Philosophy. In order to meet these requirements students must:

- Meet the entry requirements for the Doctor of Philosophy in having an Honours or Master's degree with significant research but not have this at the required level. For example, a 2B Honours degree.

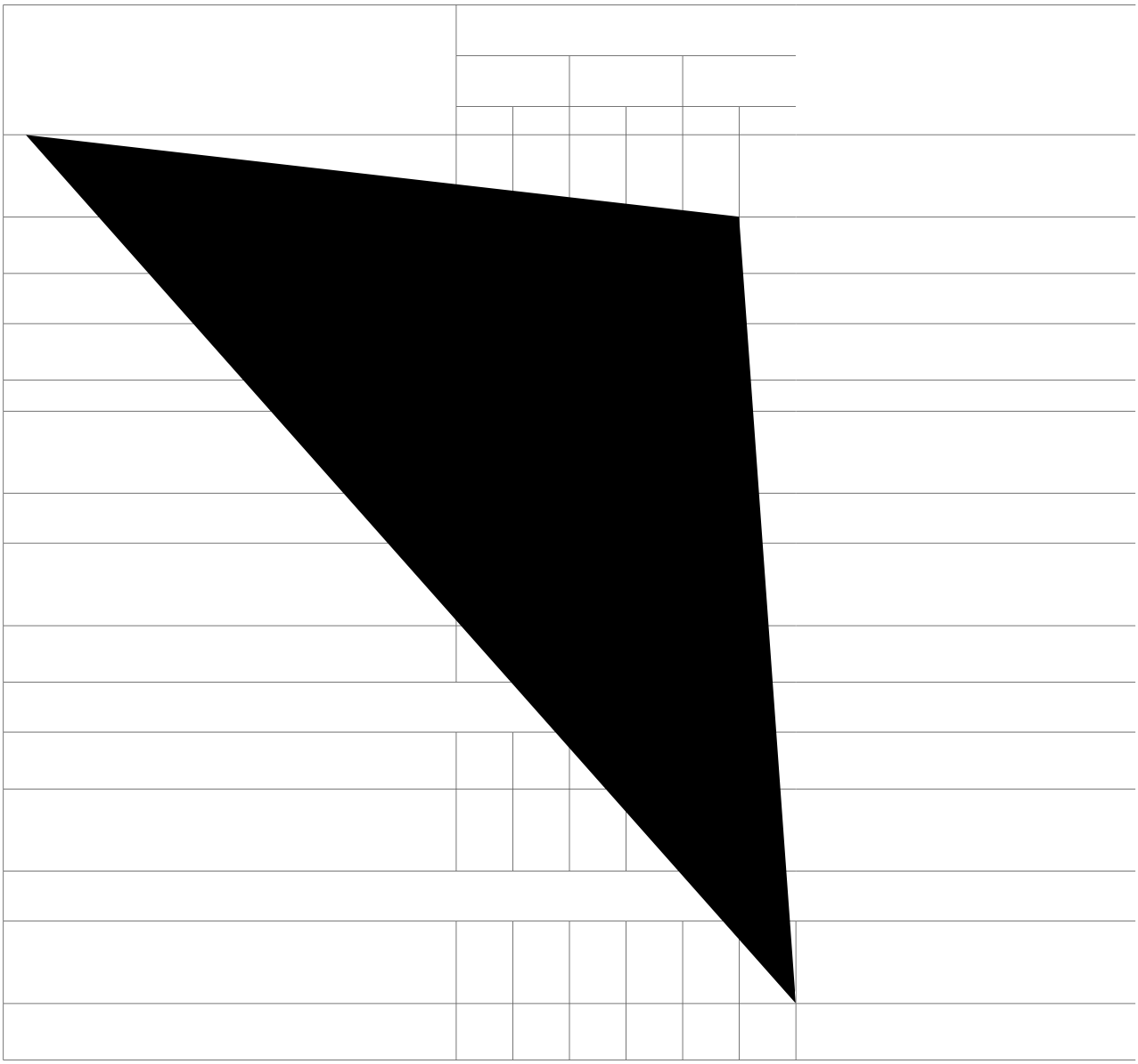
Such students would be an exception within the program and would be required to present a Confirmation of Candidature to scope out doctoral program work prior to being transferred to the Doctor of Philosophy program as a confirmed candidate.

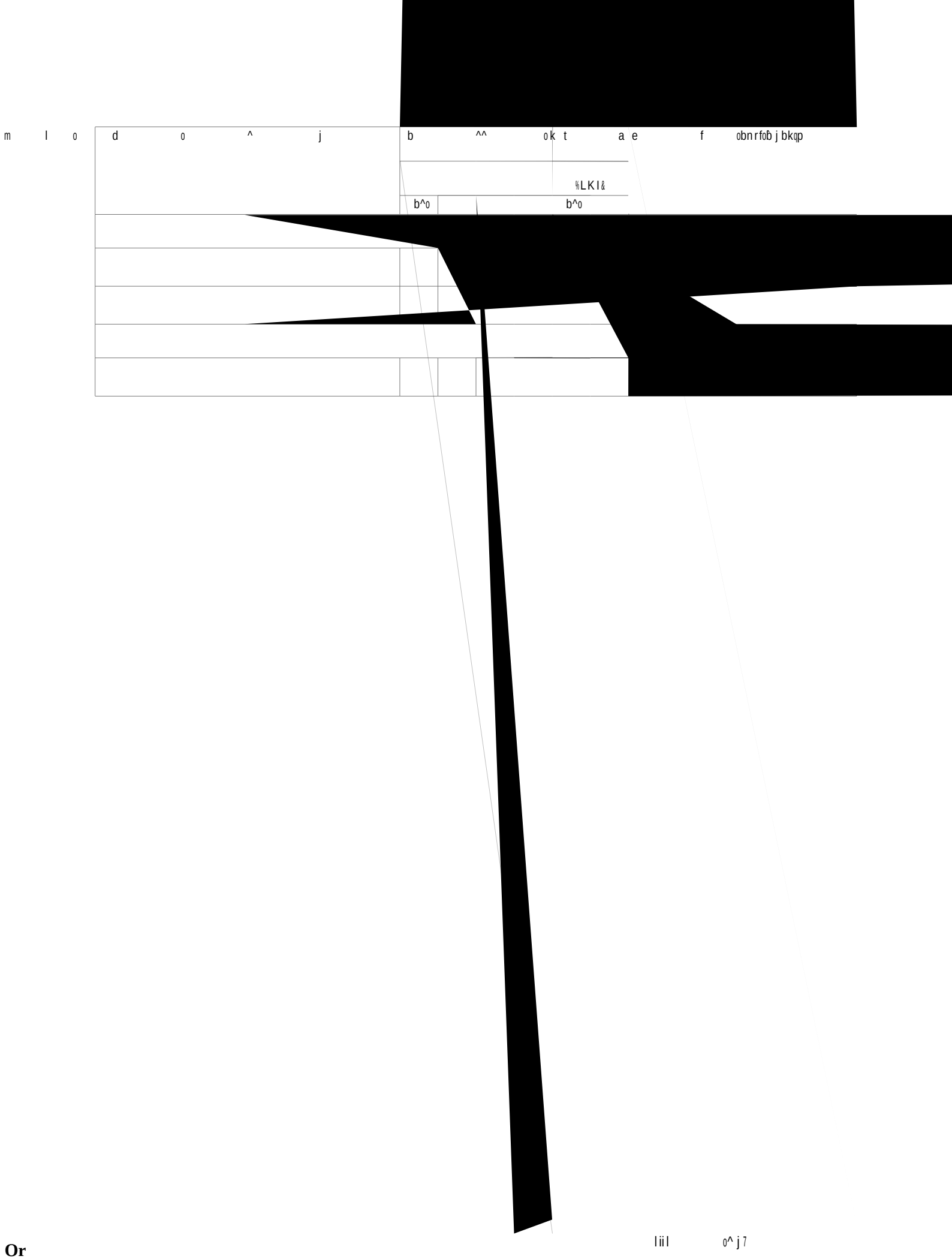
Credit

Application for exemptions/credit will be assessed on individual merit in line with the USQ Policy.

Recommended Enrolment Pattern

Students are able to enrol in any offered mode of a course (on-campus, external or online), regardless of the program mode of study they enrolled in.





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Doctor of Philosophy

	Domestic full fee paying place International full fee paying place Research Training Program (RTP) - Fees Offset scheme	Domestic full fee paying place International full fee paying place Research Training Program (RTP) - Fees Offset scheme
ion:	Can be studied full-time or part-time (full-time students normally complete in 3 years)	

ed an USQ fees scholarship.

Australian Qualifications Framework

The Australian Qualifications Framework (AQF) is a single national, comprehensive system of qualifications offered by higher education institutions (including universities), vocational education and training institutions and secondary schools. Each AQF qualification has a set of descriptors which define the type and complexity of knowledge, skills and application of knowledge and skills that a graduate who has been awarded that qualification has attained, and the typical volume of learning associated with that qualification type.

This program is at AQF Qualification Level 10. Graduates at this level will have systematic and critical understanding of a complex field of learning and specialised research skills for the advancement of learning and/or for professional practice.

The full set of levels criteria and qualification type descriptors can be found by visiting www.aqf.edu.au.

Admission requirements

To be eligible for admission, applicants must satisfy the following requirements:

- Completion of a relevant Australian university bachelor honours degree with First Class Honours or Second Class Honours (Division A) or equivalent,
  or
- completion of an Australian university Masters degree (with a significant research component) or equivalent,
  or
- other qualifications equivalent to First Class or 2A Honours.

English Language Proficiency requirements for Category 3.

The PhD is based on supervision by a Principal and one or more Associate Supervisors, therefore it is essential that applicants clarify their topic for research and seek an academic staff member able to provide supervision. Application forms, procedures for enrolment, and the application process can be found on the Research website. Applicants are advised to allow several months for discussion with potential supervisors and for consideration of the application prior to the commencement of the program.

Applicants for the Cotutelle PhD program are required to meet the admission requirements at both USQ and the partner university.

All students are required to satisfy the applicable English language requirements.

If students do not meet the English language requirements they may apply to study a University-approved English language program. On successful completion of the English language program, students may be. Oc796tted to an

Program fees

Domestic full fee paying place

Domestic full fee paying places are funded entirely through the full fees paid by the student. Full fees v

International full fee paying place

International students pay full fees. Full fees vary depending on the courses that are taken and whether they are studied on-campus, via distance education/online. Students are able to calculate the fees for a particular course via the Course Fee Schedules.

Research Training Program (RTP) - Fees Offset scheme

All Australian citizens, Australian permanent residents and New Zealand citizens commencing a Higher Degree by Research (HDR) program will have their tuition fees paid by the Australian Commonwealth Government under the Research Training Program (RTP) Fees Offset scheme. The RTP Fees Offset scheme covers program fees for an HDR student up to a maximum period of four years for full-time study or up to eight years part-time study for a Doctoral program, and up to a maximum period of two years for full-time or four years part-time for a Masters by Research program.
As part of the enrolment process, students are required to submit proof of citizenship or permanent residency status and transcripts of all previous academic study. This documentation enables the University of Southern Queensland to determine eligibility for an RTP Fees Offset place.

If a student's RTP Fees Offset entitlement expires before completion of the program, the student will be required to pay full tuition fees.

Students eligible for an RTP Fees Offset place are those who:

- have not used RTP Fees Offset funding in the previous three years; or
- have already used RTP Fees Offset funding and have successfully completed an HDR program. Once a student completes an HDR program, full entitlements of RTP Fees Offset are restored.

The Australian Commonwealth Government’s contribution to program fees must be acknowledged on all published material relating to a research project via a statement identifying the support received through the RTP Fees Offset scheme.

Program structure

The Doctor of Philosophy is a 24-unit program made up of one unit of research training, one unit of approved postgraduate elective (coursework or research training as approved by the Associate Dean (Graduate Research School) on advice from the supervisory team), two units for a Research Proposal to support Confirmation of Candidature and 20 units of independent research within your selected area of study. Candidates are required to enrol in an approved Schedule D course (independent research course) if the supervisory team recommends that the candidate has appropriate knowledge of relevant coursework or Research Methodology course listed in Schedule A and Schedule B.

The award of the Doctor of Philosophy requires the successful examination of the student’s thesis or research outcomes, work based research project/s and professional learning.

The Doctor of Philosophy comprises a minimum of 16 units, although students would normally complete 24 units, with the option to extend to 32 units if needed. Students are required to enrol in appropriate course(s) in Semester 1 and Semester 2 from date of admission through to the date that they submit their thesis for examination, or alternatively be on approved leave. Failure to enrol or not be on approved leave may result in the student’s enrolment being cancelled. Students studying full-time will need to enrol in 4 units each semester (Semester 1 and Semester 2). Part-time students will need to enrol in 2 units each semester (Semester 1 and Semester 2).

The enrolment pattern of this program is required to reflect the following:

- Research Methodology Course (Schedule A) must be completed in the first four units of enrolment.
- Advanced Approved Course (Schedule B) must be completed within the first si(ed Course (Sthe)Tj1 0 0 1 414.685 22

Examination Criteria for the Standard PhD Thesis and PhD Thesis by Publication

The thesis will be examined according to the following criteria:

(1) The extent to which the student has demonstrated:
   (a) Originality;
   (b) Critical insight; and
   (c) Capacity to carry out independent research; and

(2) The extent of the contribution to kno

The Cotutelle agreement will specify
through Cotutelle pathway.

Students are able to enrol in any offered mode of a course (on-campus, external or online), regardless of the program mode of study.

Schedule A course must be completed in within the first four units of enrolment and Schedule B course must be completed within the first six units of enrolment. Students who are deemed as having sufficient knowledge

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