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 Finder.

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

Environment and Sustainability		Online only	
Mathematics and Statistics (Semester 1 full-time or part-time; Semester 2 part-time only) @	Toowoomba	Online	depending on chosen approved courses
Physics and Astronomy		Online only	
Sport and Exercise	Toowoomba or Ipswich		some courses have mandatory residential schools which will be held at the Ipswich campus.
General	Toowoomba	Online	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.

Available in Semester 1 full-time only to students who have completed CSC1401 Foundation Programming and STA2300 Data Analysis (or STA8170 Statistics for Quantitative Researchers) in their previous study. The Semester 2 full-time intake will be subject to the approval of the Program Coordinator.

@ The Semester 1 full-time enrolment assumes students have current skills at the level of Queensland Senior Secondary Schools Studies Mathematics B equivalent. Students without this knowledge might have to study part-time. The Semester 2 full-time intake will be subject to the approval of the Program Coordinator.

Required time limits

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

Agricultural Science specialisation

This specialisation consists of 4 core courses, all available in online mode, and 4 approved courses .

Semester 1^	Semester 2^
Mandatory core courses:	
AGR8001 Food Security in the 21st Century	AGR8002 Emerging Technologies in Agriculture
CLI8001 Climate Risk	AGR8003 Critical Issues in Agriculture
And four of the following Approved Courses	
AGR2303 Agronomy	BIO3318 Plant Microbe Interactions*
AGR3303 Agricultural Materials and Post-Harvest Technologies	BIO8201 Biology Foundations
AGR4305 Agricultural Soil Mechanics	ENV4106 Irrigation Science
SCI3302 Industry Placement#	REN3302 Sustainable Resource Use

Footnotes

^ Students may vary their enrolment on the basis of prior studies or professional requirements with the approval of the Program Coordinator via usq.support@usq.edu.au.

* 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)

SCI3302 Industry Placement may be available subject to approval of the Program Coordinator via usq.support@usq.edu.au and availability of relevant placement.

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 Coordinator 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
	CLI8003 Climate, Food, Water and Ener

Level 1	Level 2	Level 3	Level 8
MAT1101 Discrete Mathematics for Computing	MAT2409 High Performance Numerical Computing	MAT3105 Harmony of Partial Differential Equations	MAT8180 Mathematics/Statistics Complementary Studies A
MAT1102 Algebra and Calculus I	ENM2600 Advanced Engineering Mathematics	MAT3201 Operations Research 2	STA8180 Advanced Statistics A
ENM1600 Engineering Mathematics		SCI3302 Industry Placement	STA8005 Multivariate Analysis for High-Dimensional Data
	STA2301 Distrib	STA3300 Experimental Design	STA8170 Statistics for Quantitative Researchers

Compulsory Courses (fi	Approved Courses (choose three)

Articulation

Graduate Diploma of Science students may articulate to the

Note: This specialisation is not available for International on-campus students as core courses are available in online mode only.

The recommended enrolment pattern for this specialisation is a recommended example. Students may vary or select their own pattern, keeping in mind any course pre-requisites, timetable constraints and the requirements to graduate outlined above in the Program Structure. If unsure about a suitable enrolment pattern, students should contact the Program Coordinator via usq.support@usq.edu.au

Applied Data Science specialisation recommended enrolment pattern - part-time S1 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.

Only available to students who have completed CSC1401 Foundation Programming **and** STA2300 Data Analysis **(or** STA8170 Statistics for Quantitative Researchers**) in previous study.**

Footnotes

* Not available in on-campus mode in 2019

Applied Data Science specialisation recommended enrolment pattern - full-time S2 entry (requires Program Coordinator 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.

* This course is topic based. Students should select their topic from the course specification and email the examiner for approval prior to enrolment.

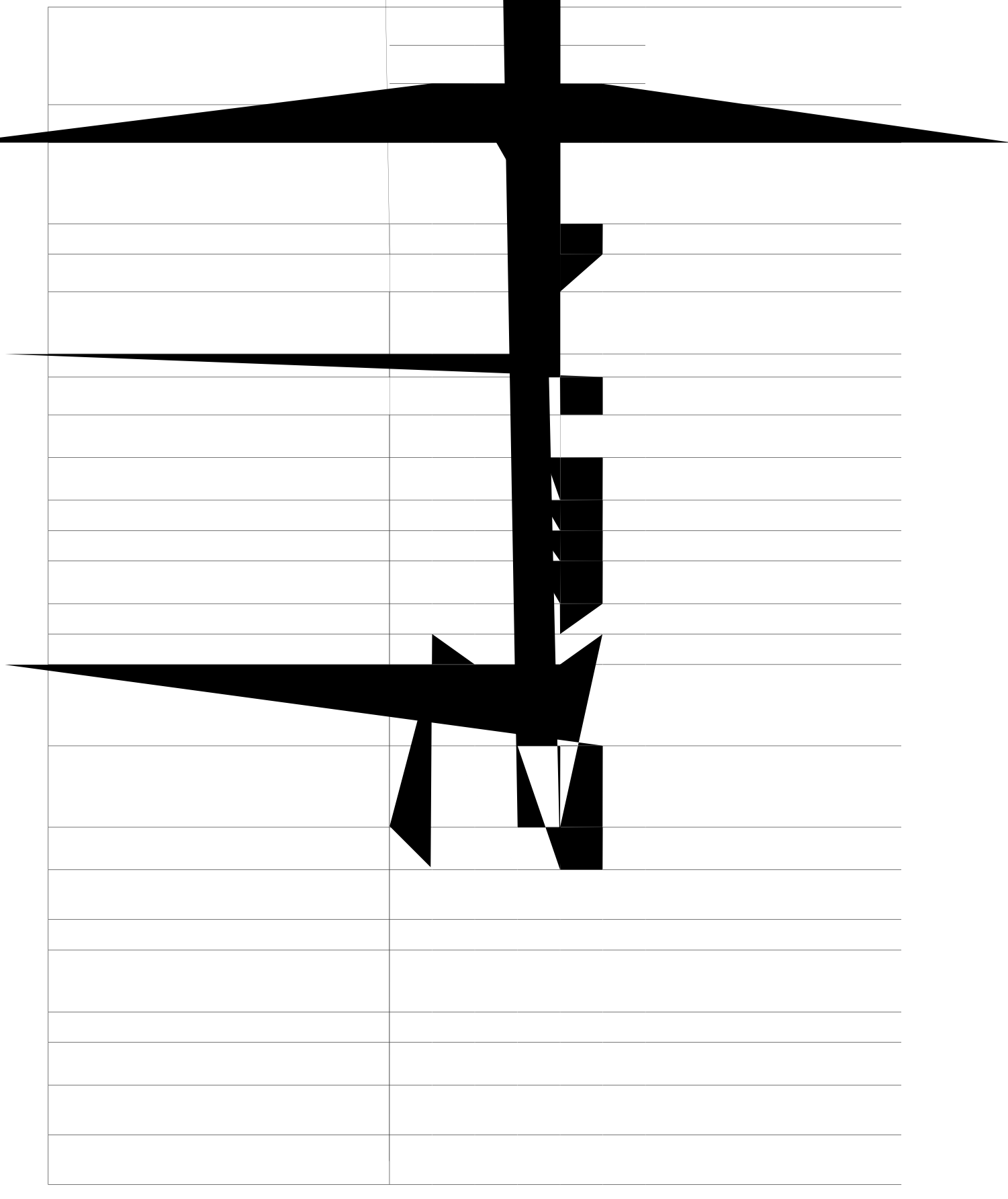
Mathematics and Statistics specialisation recommended enrolment pattern - full-time S1 entry

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.

The recommended enrolment pattern for this specialisation is an example only for S1 enrolment. Students may vary or select their own pattern, keeping in mind any course pre-requisites, timetable constraints and the requirements to graduate outlined above in the Program Structure. If unsure about a suitable enrolment pattern, students should contact the Program Coordinator.

This pattern requires students to have knowledge equivalent to MAT1102 Algebra and Calculus I **and** STA2300 Data Analysis **(or** STA8170 Statistics for Quantitative Researchers**).**

requirements to graduate outlined above in the Program Str[redacted] If unsure about a suitable enrolment pattern, students should contact the Program Coordinator via usq.s[redacted]@usq.edu.au.



Footnotes

[redacted]

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