Diploma of Science (DPSC) - DipSci

QTAC code (Australian and New Zealand applicants): Toowoomba campus: 906271; External: 906275

	On-campus*^	**Online+**
Start:	Semester 1 (February) Semester 2 (July)	Semester 1 (February) Semester 2 (July)
Campus:	Toowoomba	-
Fees:	Commonwealth supported place Domestic full fee paying place	Commonwealth supported place Domestic full fee paying place
Standard duration:	1 year full-time, 2 years part-time	

Footnotes

*   The Biology and Computing/IT majors cannot be completed full-time with a semester 2 entry.

^   Please refer to the Program Structure for further information on mode of offer for each major.

+   The Biology major is available on-campus and online with highly recommended on-campus residential schools.

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 is a generalist program providing students with the necessary skills that are essential for successful study in a Bachelor's degree and the knowledge of fundamental concepts in a chosen science major. The program aims to provide an articulation pathway for students into the BSCI Bachelor of Science.

Program objectives

On completion of this program, students should be able to:

- Display broad technical and theoretical knowledge with some depth of understanding associated with the underlying principles and concepts within a scientific context
- Identify, analyse, synthesise and evaluate information gathered from a range of scientific sources to enable the development of problem solving skills
- Display and apply a limited range of specialist cognitive, technical and practical skills relevant for paraprofessional work and further study in a field of science
- Proficiently communicate knowledge within a scientific context to a diverse range of audiences, including professionals, paraprofessionals, clients and the wider community
- Work autonomously displaying accountability, responsibility, cultural competency and ethical capacity for their own performance and actions within defined parameters.

Program Information Set

View USQ'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. 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 USQ'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 Finder.

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 Finder.

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.

Program structure

The Diploma of Science consists of 8 units comprising 2 core units of Foundation Studies with 4 units chosen from either a specified major or from level 1 or 2 courses included in the Diploma of Science or the Bachelor of Science, with two additional elective units chosen from any level 1 or 2 course offered by the University of Southern Queensland, subject to Faculty approval.

Major	Offering		
	ONC	ONL	EXT

Biology	Toowoomba		Highly recommended residential schools
Computing/IT	Toowoomba	Online	
Environment and Sustainability	Toowoomba	Online	
Mathematics	Toowoomba	Online	
Physical Sciences		Online	
General Science	Depends on the 6 Approved courses		

Required time limits

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

Core courses

Foundation Studies

The Foundation knowledge courses for every major in the program are listed in the table below. Students wishing to vary foundation studies courses must obtain Faculty approval.

Course	Semester(s) Offered	Mode
CMS1100 Communicating in the Sciences	1,2	ONC, ONL
SCI1001 Succeeding in Science	1	ONC, ONL

Biology major

Courses	Semester(s) Offered	Mode
BIO1101 Biology 1	1	ONC, EXT[*]
BIO2107 Cell and Molecular Biology 1	1	ONC, EXT[*]
BIO2103 Biology 2	2	ONC, EXT[*]
BIO2219 Genetics	2	ONC, ONL

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).

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

Computing/IT major

Courses	Semester(s) Offered	Mode
MAT1101 Discrete Mathematics for Computing	1	ONC, ONL
CSC1401 Foundation Programming	1,2,3	ONC, ONL
CSC2406 Web Technology 1	2	ONC, ONL
CIS1000 Information Systems Concepts	1,2,3	ONC, ONL

Computing/IT major - recommended electives (Complete either the recommended electives or two (2) elective units chosen from any level 1 or 2 course offered by the University of Southern Queensland, subject to Program Coordinator approval.)

Courses	Semester(s) Offered	Mode
ELE1301 Computer Engineering	1	ONC, ONL
STA2100 Evaluating Information	2	ONC, ONL

Environment and Sustainability major

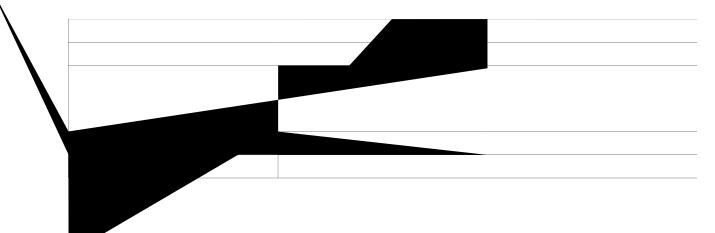| Courses	Semester(s) Offered	Mode
REN1201 Environmental Studies	1	ONC, ONL
CLI1110 Weather and Climate	1	ONC, ONL
REN2200 Ecology for Sustainability	1	ONC, ONL
CLI2201 Climate Change and Variability	2	ONL

Environment and Sustainability major - recommended electives or two (2) elective units chosen from any level Queensland, subject to Program Coordinator appr

Courses	S
STA2100 Evaluating Information	
BIO1101 Biology 1	

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Footnotes

*   Students who have completed Mathematics B (4, SA) or equivalent should include MAT1102 in their program. All other students should include MAT1000.

Mathematics major - recommended electives (Complete either the recommended electives or two (2) elective units chosen from any level 1 or 2 course ofTj1 0 0 1 279n51 0 0 1 209.095 704cti*v

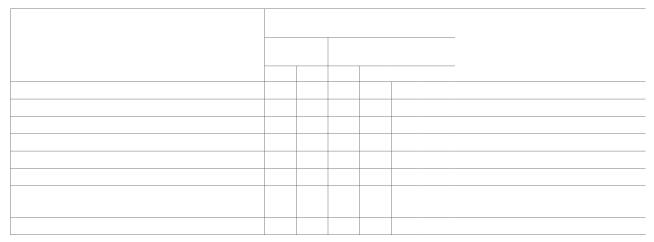Highly recommended residential school (linked to an assessment item and non-attendance will mean a student

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 - Mathematics - 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.

Recommended Enrolment Pattern - Physical Sciences - 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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	JVRc	DV^	JVRc	DV^	JVRc	DV^	
Year 1							
SCI1001 Succeeding in Science	1	1			1	1	
CMS1100 Communicating in the Sciences					2	2	
Recommended Elective							
MAT1100 Foundation Mathematics	1	2			1	2	
Choose four courses from the following five approved courses:							
PHY1101 Astronomy 1	1	1			1	1	
PHY1104 Physics 1^	2	1			2	1	Co-requisite: (MAT1102 or ENM2600) or Students must be enrolled in one of the following Programs: MSCN or GDSI or GCSC
PHY1107 Astronomy 2	1	2			1	2	
							Co-requisite: (MAT2100 or ENM1600) or Students must be P