

## Diploma of Science (DPSC) - DipSci

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

	On-campus <sup>^</sup>	External
<b>Semester intake:</b>	Semester 1 (February) Semester 2 (July)	Semester 1 (February) Semester 2 (July)
<b>Campus:</b>	Toowoomba	-
<b>Fees:</b>	Commonwealth supported place Domestic full fee paying place	Commonwealth supported place Domestic full fee paying place
<b>Standard duration:</b>	1 year full-time, 3 years part-time	

### Footnotes

<sup>^</sup> The Environment and Sustainability major is available on-campus at the Toowoomba campus as well as by external mode. The Physical Sciences major is available by external mode only.

## Contact us

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

## Program aims

This is a generalist program providing students with the necessary skills that are essential for success at the university level of study and the knowledge of fundamental concepts in chosen science major. The program aims to provide an articulation pathway for students into the [BSCI Bachelor of Science](#) (Environment and Sustainability) or [BSCI Bachelor of Science](#) (Physical Sciences).

## Program objectives

On completion of this program graduates will have:

- developed technical and theoretical knowledge in their chosen specialisation
- demonstrated the application of knowledge and skills in their chosen specialisation
- demonstrated effective and competent critical analysis and communication skills
- acquired sufficient knowledge in their specialisation to make an informed choice about further undergraduate study.

## 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 Overall Position (OP) **15**, tertiary entrance rank **68** or equivalent qualification.<sup>^</sup>
- Subject Pre-requisite: English (4, SA) or equivalent.
- English Language Proficiency requirements for Category 2.

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 2019 OP 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.

Special admissions may help you get into the program of your choice by increasing your Selection Rank. The additional points don't apply to all applicants or all programs. Please read the information about USQ's [Special Admissions](#) 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 (Environment and Sustainability) consists of the following 8 courses which are all available in on-campus and online mode:

Course	Semester(s) Offered	Mode of Offer
<a href="#">REN1201 Environmental Studies</a>	S1	ONC <sup>*</sup> , ONL
<a href="#">CLII110 Weather and Climate</a>	S1	ONC <sup>#</sup> , ONL
<a href="#">REN2200 Ecology for Sustainability</a>	S1	ONC <sup>#</sup> , ONL
<a href="#">STA2300 Data Analysis</a>	S1, S2, S3	ONC <sup>*</sup> , ONL
<a href="#">BIO1100 Biology Concepts</a>	S2	ONL
<a href="#">CMS1000 Communication and Scholarship</a>	S1, S2, S3	ONC <sup>*</sup> , ONL
<a href="#">MAT1100 Foundation Mathematics</a>	S2	ONC <sup>#</sup> , ONL
<a href="#">CLI2201 Climate Change and Variability</a>	S2	ONL

#### Footnotes

- \* On campus Toowoomba and Springfield
- # On campus Toowoomba

The Diploma of Science (Physical Sciences) consists of the following 8 courses which are all available in online mode:

Course	Semester(s) Offered	Mode of Offer
<a href="#">PHY1101 Astronomy 1</a>	S1	ONL
<a href="#">PHY1107 Astronomy 2</a>	S2	ONL
<a href="#">PHY1104 Physics 1</a>	S1	ONL
<a href="#">PHY1911 Physics 2</a>	S2	ONL
<a href="#">STA2300 Data Analysis</a> *	S1, S2, S3	ONC, ONL
<a href="#">CMS1000 Communication and Scholarship</a> * or <a href="#">CMS1100 Communicating in the Sciences</a> #	S1, S2	ONC, ONL
<a href="#">MAT1100 Foundation Mathematics</a> # or <a href="#">MAT1000 Mathematics Fundamentals</a> #	MAT1100 (S2) or MAT1000 (S1)	ONC, ONL
Plus one (1) Approved Course from any course within the Bachelor of Science <sup>^</sup>		

#### Footnotes

- \* On-campus Toowoomba and Springfield
- # On-campus Toowoomba only
- <sup>^</sup> The Approved Course is to be selected from courses within the [BSCI Bachelor of Science](#) or the Diploma of Science (Environment and Sustainability)

### Required time limits

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

### Environment and Sustainability

The Diploma of Science (Environment and Sustainability) equips students with the necessary knowledge of the fundamental environmental concepts that can be applied in the professional public and private industry work place to assist in the management of natural resources in a sustainable manner.

### Physical Sciences

The Diploma of Science (Physical Sciences) introduces the fundamental concepts of physics and astronomy and the opportunity to acquire complementary mathematical and communication skills. The program is thus appropriate for those engaged in physics tutoring of school students, or seeking some experience of physics before enrolling in a Bachelor's degree.

### Articulation

Upon successful completion of the Diploma of Science (Environment and Sustainability) students have the opportunity to articulate directly into the [BSCI Bachelor of Science](#) (Environment and Sustainability).

Upon successful completion of the Diploma of Science (Physical Sciences) students have the opportunity to articulate directly into the [BSCI Bachelor of Science](#) (Physical Sciences).

Students articulating into the USQ [BSCI Bachelor of Science](#) will be given exemptions for eight courses completed in their specialisation as part of the Diploma of Science.

## Credit

Exemptions/credit will be assessed based on the [USQ Credit and Exemption Procedure](#).

## Recommended Enrolment Pattern - Environment and Sustainability - 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.

Course	Year of program and semester in which course is normally studied						Enrolment requirements
	On-campus (ONC)		External (EXT)		Online (ONL)		
	Year	Sem	Year	Sem	Year	Sem	
<b>Year 1</b>							
<a href="#">REN1201 Environmental Studies</a>	1	1			1	1	
<a href="#">CLI1110 Weather and Climate</a>	1	1			1	1	
<a href="#">CMS1000 Communication and Scholarship</a>	1	1			1	1	Enrolment is not permitted in <a href="#">CMS1000</a> if <a href="#">MGT1200</a> has been previously completed.
<a href="#">REN2200 Ecology for Sustainability</a>	1	1			1	1	
<a href="#">BIO1100 Biology Concepts</a>					1	2	
<a href="#">STA2300 Data Analysis</a>	1	2			1	2	Enrolment is not permitted in <a href="#">STA2300</a> if <a href="#">STA8170</a> or <a href="#">STA3100</a> has been previously completed.
<a href="#">MAT1100 Foundation Mathematics</a>	1	2			1	2	
<a href="#">CLI2201 Climate Change and Variability</a>					1	2	

## Recommended Enrolment Pattern - Environment and Sustainability - 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.

Course	Year of program and semester in which course is normally studied						Enrolment requirements
	On-campus (ONC)		External (EXT)		Online (ONL)		
	Year	Sem	Year	Sem	Year	Sem	
<a href="#">REN1201 Environmental Studies</a>	1	1			1	1	
<a href="#">CMS1000 Communication and Scholarship</a>	1	1			1	1	Enrolment is not permitted in <a href="#">CMS1000</a> if <a href="#">MGT1200</a> has been previously completed.
<a href="#">STA2300 Data Analysis</a>	1	2			1	2	Enrolment is not permitted in <a href="#">STA2300</a> if <a href="#">STA8170</a> or <a href="#">STA3100</a> has been previously completed.
<a href="#">MAT1100 Foundation Mathematics</a>	1	2			1	2	
<a href="#">CLI1110 Weather and Climate</a>	2	1			2	1	
<a href="#">REN2200 Ecology for Sustainability</a>	2	1			2	1	
<a href="#">BIO1100 Biology Concepts</a>					2	2	
<a href="#">CLI2201 Climate Change and Variability</a>					2	2	

## Recommended Enrolment Pattern - Physical Sciences - 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.

Course	Year of program and semester in which course is normally studied						Enrolment requirements
	On-campus (ONC)		External (EXT)		Online (ONL)		
	Year	Sem	Year	Sem	Year	Sem	
<b>Year 1</b>							
<a href="#">PHY1101 Astronomy 1</a>					1	1	

Course	Year of program and semester in which course is normally studied						Enrolment requirements
	On-campus (ONC)		External (EXT)		Online (ONL)		
	Year	Sem	Year	Sem	Year	Sem	
<a href="#">PHY1104 Physics 1</a>					1	1	
<a href="#">CMS1000 Communication and Scholarship</a>	1	1,2			1	1,2,3	Enrolment is not permitted in <a href="#">CMS1000</a> if <a href="#">MGT1200</a> has been previously completed.
<a href="#">MAT1000 Mathematics Fundamentals</a>	1	1			1	1	
<a href="#">PHY1107 Astronomy 2</a>					1	2	
<a href="#">PHY1911 Physics 2</a>					1	2	
<a href="#">STA2300 Data Analysis</a>	1	2			1	2,3	Enrolment is not permitted in <a href="#">STA2300</a> if <a href="#">STA8170</a> or <a href="#">STA3100</a> has been previously completed.
Approved Course	1	2			1	2	

### 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.

Course	Year of program and semester in which course is normally studied						Enrolment requirements
	On-campus (ONC)		External (EXT)		Online (ONL)		
	Year	Sem	Year	Sem	Year	Sem	
<a href="#">PHY1101 Astronomy 1</a>					1	1	
<a href="#">PHY1104 Physics 1</a>					1	1	
<a href="#">PHY1107 Astronomy 2</a>					1	2	
<a href="#">PHY1911 Physics 2</a>					1	2	
<a href="#">MAT1000 Mathematics Fundamentals</a>	2	1			2	1	
<a href="#">CMS1000 Communication and Scholarship</a>	2	1,2			2	1,2,3	Enrolment is not permitted in <a href="#">CMS1000</a> if <a href="#">MGT1200</a> has been previously completed.
<a href="#">STA2300 Data Analysis</a>	2	2			2	2,3	Enrolment is not permitted in <a href="#">STA2300</a> if <a href="#">STA8170</a> or <a href="#">STA3100</a> has been previously completed.
Approved Course	2	2			2	2	