Master of Science .. (MSCC) - MSc

CRICOS code (International applicants): 072518G

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)**.

	On-campus*	Distance education#
Semester intake:	No new admissions	No new admissions
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 year full-time, 4 years part-time maximum	

Footnotes

* The Climate Adaptation major is available to on-campus and distance education students, but only 4 courses are offered on-campus. Therefore, this major is not suitable for international students who wish to study on-campus.

\# The Biotechnology major is only available on-campus for domestic and international students. However no new enrolments will be considered after Semester 1, 2013 (last enrolment available is for S1, 2013).

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 aim of the Master of Science program is to produce graduates that are equipped with essential scientific knowledge and an appreciation of the latest literature and technologies.

Climate Adaptation major

The major is designed to provide students with the knowledge, skills and capabilities to respond by working within their professions to the challenges and opportunities that arise from global and regional climate changes. This includes a thorough appreciation of the impact of climatic changes and variability on natural and human systems such as the build environment, agricultural production systems, regional, national, and global economies. Adapting and mitigating the impacts of climatic changes and variability is one of the most important and complex issues society is dealing with. It requires the skills and raises awareness of the importance to work across a range of professional disciplines and communicates an understanding of how scientific knowledge integrates with diverse socio-economic and political systems in order to achieve sustainable economic prosperity.

Biotechnology major

The major is designed to provide graduates from life sciences programs with advanced knowledge in the various applications of biotechnology in agriculture, bioinformatics, industrial production, pharmaceuticals and research. Candidates will also undertake training in investigative techniques. The program will provide a sound basis for candidates wis(vide)Tj528 118.264 TmGf518.264 m518.27(a sound babalur 0 r0 0 1 415.301 1432Ada a (a

Program objectives

On completion of the program graduates will be able to:

- demonstrate an advanced understanding in their chosen major
- conduct scholarly investigations into applications and methodologies in their chosen field
- provide scientific literature reports
- apply the specialist kno

programs should consult the Faculty of Health, Engineering and Sciences as some variation to the Recommended Enrolment Pattern may be required.

Domestic and International Applicants from a non-English speaking background are required to satisfy English language requirements.

If you do not meet the English language requirements you may apply to study a University-approved English language program. On successful completion of the English language program, Applicants 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 your higher education and you as a student pay a student contribution amount, which varies depending on the courses undertaken. You 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. You 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.

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. You are able to calculate the fees for a particular course via the Course Fee Finder.

Program structure

The Master of Science program consists of eight courses. Students must successfully complete a minimum of four level 8 courses.

Climate Adaptation Major

The program consists of eight core courses which are all available in external mode.

Semester 1 Core Courses	Semester 2 Core Courses
CLI1110 Weather and Climate	CLI2201 Climate Change and Variability
CLI3301 Climate and Environment Risk Assessment	CLI3302 Adaptation to Climate Change
CLI8204 Global Environmental Systems	CLI8205 Climate and Sustainability
REN8101 Environment, Society and Sustainability	REN8202 Conservation for Sustainable Futures

Biotechnology Major

The program will consist of eight courses. Different combinations of courses offer specialisations in molecular biology, bioinformatics, agricultural biotechnology and pharmaceutical development. Changes to recommended enrolment patterns **must** be approved by the Faculty of Health, Engineering and Sciences.

Table 1: On-campus Students