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).

	External*
Semester intake:	No new admissions
Fees:	Domestic full fee paying place International full fee paying place
Standard duration:	1 year full-time, 4 years part-time maximum
Program articulation:	From: Postgraduate Certificate of Sustainability Science

Footnotes

* Students can start in Semester 3 in an approved elective.

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 coursework Masters program aims to provide environmental and resource managers and other professionals with appropriate formal instruction to enhance their skills and knowledge in the emerging discipline of sustainability science.

Program objectives

On completion of the program graduates will be able to:

- understand and apply the principles and approaches of sustainability
- integrate the scientific foundations for sustainable development through environmental, social and economic disciplines
- critically analyse multi-disciplinary information and data to provide informed decision-making in relation to resource management
- understand global environmental systems and their influence on sustainable practices
- critically assess emerging approaches to policy development and institutional arrangements to support sustainability
- identify and establish strong links between science, effective community engagement and sound policy
- demonstrate, through the breadth of their studies, an advanced understanding of issues, concepts and applications of sustainability science in environment and natural resource management
- manage complex decision-making in the face of risk and uncertainty
- advance their professional standing by incorporating contemporary scientific approaches to sustainable development.

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

Program structure

The program contains five compulsory courses of one unit each and three elective courses. At least four units of courses in the program must be level 8. With the approval of the Faculty of Health, Engineering and Sciences, students may apply to vary their program on the basis of prior study.

Program completion requirements

To qualify for the award of Master of Sustainability Science, a candidate must complete eight courses as indicated within four years of first admission to the program.

Candidates who have completed the same or similar courses at USQ or similar courses at another institution may, with the approval of the Faculty of Health, Engineering and Sciences, apply to vary their program on the basis of prior study.

Core Courses - students must complete the following five courses:	
REN8101 Environment, Society and Sustainability	Semester 1
ECO8012 Methods for Sustainable Development	Semester 2
POL3013 Sustainability and Politics	Semester 1
REN8202 Conservation for Sustainable Futures	Semester 2
CLI8204 Global Environmental Systems	Semester 1
Elective Courses- students must complete three units of elective courses chosen from the following:	
REN3301 Biodiversity and Conservation	Semester 2
REN3302 Sustainable Resource Use	Semester 2
GIS1402 Geographic Information Systems	Semester 2

GIS3405 Spatial Analysis and Modelling	Semester 2
LAW1101	Semesters 1, 2 and 3
LAW2107 Environmental Law	Semester 1
FIN5003 Decision Support Tools	Semesters 1 and 3
MGT8021 Project Sustainability Management	Semester 1
MGT8033 Leading Organisational Change	Semester 1
POL2000 Political and Economic Ideas	Semester 1
POL2001 Politics and International Business	Semester 2
PRL2001 Issues and Crisis Management	Semester 2
PRL2002 Community Consultation and Development	Semester 1
AGR3304 Soil Science	Semester 1
or other course(s) subject to approval by Faculty of Health, Engineering and Sciences	

Required time limits

Students have a maximum of 4 years to complete this program.

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.

Articulation

Postgraduate Certificate of Sustainability Science students may articulate to the Master of Sustainability Science with further completion of CLI8204 and three other elective courses, as required by this program.

Students must advise the Faculty in writing (sciences.support@usq.edu.au) of their intention to articulate and this must occur prior to graduation from the PCSS. If a student is articulating to the higher degree, they will apply to that higher degree and will only graduate from that higher degree.

Exit points

Students may exit with the Postgraduate Certificate of Sustainability Science on successful completion of the four compulsory courses as required by that program.

Credit

No exemptions will be granted towards this award. Candidates who have completed the same or similar courses at USQ or similar courses at another institution may, with the approval of the Faculty of Health, Engineering and Sciences, apply to vary their program on the basis of prior study.

Course transfers

Transfer of credit for completed USQ courses from incomplete programs to the Master of Sustainability Science program will be allowed in accordance with USQ regulations provided the courses in question are compatible with the requirements for the Master of Sustainability Science.

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.

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	
REN8101 Environment, Society and Sustainability			1	1			
REN8202 Conservation for Sustainable Futures			1	2			
ECO8012 Methods for Sustainable Development			1	2		2	
POL3013 Sustainability and Politics			1	1	1	1	
CLI8204 Global Environmental Systems			2	1			
and three of the following courses:							
REN3301 Biodiversity and Conservation	2	2	2	2			
REN3302 Sustainable Resource Use	2	2	2	2			
AGR3304 Soil Science	2	1	2	1			
LAW1101			2	1			
FIN5003 Decision Support Tools		1		1,3		1,3	
MGT8021 Project Sustainability Management			2	1	2	1	
MGT8033 Leading Organisational Change			2	1			
POL2000 Political and Economic Ideas			2	1			
PRL2002 Community Consultation and Development			2	1			
GIS1402 Geographic Information Systems			2	1			
GIS3405 Spatial Analysis and Modelling			2	2			
LAW2107 Environmental Law*		1				1	Co-requisite: LAW1101 or LAW1500 or ENG2002 or REN1201 or (Students enrolled in BEDU (Legal Studies) or BLAW or LLBP or BALW or BBLA or BCLA or BCLW & Co-requisite LAW1201 or LAW1111) or (Stu dents enrolled in DJUR & Co-requisite LAW5501 or LAW5111)
POL2001 Politics and International Business			2	2			
PRL2001 Issues and Crisis Management			2	2			
or other course(s) subject to approval by the Faculty of Health, Engineering and Sciences.							

Footnotes

* Springfield campus only

Recommended enrolment pattern - 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	
REN8101 Environment, Society and Sustainability			1	1			
POL3013 Sustainability and Politics			1	1			
REN8202 Conservation for Sustainable Futures			1	2			
ECO8012 Methods for Sustainable Development			1	2	1	2	
CLI8204 Global Environmental Systems			1	1			
and three of the following courses:							
REN3301 Biodiversity and Conservation	1	2	1	2			

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	
REN3302 Sustainable Resource Use	1	2	1	2			
LAW1101			1	1			
FIN5003 Decision Support Tools	1	1	1	1,3			
MGT8021 Project Sustainability Management			1	1	1	1	
MGT8033 Leading Organisational Change			1	1			
POL2000 Political and Economic Ideas			1	1			
PRL2002 Community Consultation and Development			1	1			
GIS1402 Geographic Information Systems			1	1			
GIS3405 Spatial Analysis and Modelling			1	2			
LAW2107 Environmental Law*		1				1	Co-requisite: LAW1101 or LAW1500 or ENG2002 or REN1201 or (Students enrolled in BEDU (Legal Studies) or BLAW or LLBP or BALW or BBLA or BCLA or BCLW & Co-requisite LAW1201 or LAW1111) or (Stu dents enrolled in DJUR & Co-requisite LAW5501 or LAW5111)
POL2001 Politics and International Business			1	2			
PRL2001 Issues and Crisis Management			1	2			
AGR3304 Soil Science	1	1	1	1			
or other course(s) subject to approval by the Faculty of Health, Engineering and Sciences.							

Footnotes

* Springfield campus only