Master of Spatial Science Technology.

posses a three or four-year undergraduate degree, or equivalent, in an approved discipline. Overseas candidates must possess a degree in an approved discipline recognised by the National Office of Overseas Skills Recognition (NOOSR) as awarding degrees that are comparable to the education level of an Australian bachelor degree. Candidates for admission must have demonstrated a high level of academic performance.

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.

IT requirements

Access to an up-to-date computer is necessary. On-campus students can access appropriately equipped laboratories, but should consider acquisition of their own computer. External students should be able to access a computer with the following minimum standards as advised by the University. All students should have access to email and the Internet via a computer running the latest versions of Internet web browsers such as Internet Explorer or Firefox. The University has a wireless network for on-campus students' computers. In order to take advantage of this facility and further enhance their on-campus learning environment, students should consider purchasing a notebook/laptop computer with wireless connectivity. A notebook/laptop may be required for some courses.

Credit

Exemptions/credit will be assessed based on the USQ Credit and Exemption Procedure.

Enrolment

The Master of Spatial Science Technology consists of 12 units of study as indicated in the following recommended enrolment patterns for each major study area. Each candidate must follow a specific schedule based on the candidate's major study (i.e. GIS or surveying).

The recommended enrolment pattern below is designed to cover a four-semester period for on-campus students. However, the program may be completed within three semesters.

Each student must complete the following:

- Four (4) courses from Schedule A (GIS and Surveying courses)
- Three (3) courses from Schedule B (related disciplines and application areas)
- all courses in Schedule C (research methods and project dissertation).

A student with previous undergraduate degree in the spatial sciences may opt to select fewer courses in Group A than required and thus will need to complete more courses from Group B, with the approval of the Faculty of Health, Engineering and Sciences. All students in this program must select or formulate a research dissertation topic that focuses on spatial sciences (i.e. GIS, remote sensing, surveying, GPS, spatial science education, etc.) and/or their applications.

Geographic Information Systems Major recommended enrolment pattern

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.

							or study Code: 15926)	
Course	Year of	progran is	n and se normal	mester ly studi	in which o ed	course	Enrolment requirements	Comments
	On-campus (ONC)		External (EXT)		Online (ONL)			
	Year	Sem	Year	Sem	Year	Sem		
GIS3406 Remote Sensing and Image Processing		2		2				
							Pre-requisite: GIS1402 or S tudents must	S
	1	1	1	1				

- Best enrolled in Semester 1 of first year to satisfy ENG8002 Project and Dissertation pre-requisite. Permission to enrol in this course must be obtained from the Program Coordinator.

Surveying Major recommended enrolment pattern

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		udy: Surveying (N m and semester i			Comments
Ooui 3C		s normally studie		Zinomient requirements	Comments
	On-campus (ONC)	External (EXT)	Online (ONL)		
	Year Sem	Year Sem	Year Sem		
Schedule A: Students must co	mplete for	ur courses*	*		
SVY3304 Cadastral Surveying	2	2		Pre-requisite: (SVY1102 and	
(Queensland)				SVY1104) or Students must	
				be enrolled in one of the fol lowing Programs: GCNS or	
				GCST or GDNS or GDST or	
				MSST or MSPT or MENS	
SVY3202 Photogrammetry and Remote Sensing	1	1			
SVY1104 Survey Computations A	2	2	2	Pre-requisite: SVY1102 or	
				SVY1500 or Students must	
				be enrolled in one of the fol lowing Programs: GCST or	
				GDST or MSPT	
SVY1110 Introduction to Global	2	2			
Positioning System					
SVY2106 Geodetic Surveying A	1	1		Pre-requisite: SVY1110 and	
				SVY1102 or Students must	
				be enrolled in one of the fol lowing Programs: GCNS or	
				GCST or GDNS or GDST or	
				MSST or MSPT or MENS	
SVY2105 Survey Computations B	1		1	Pre-requisite: ENM1600 and	
				SVY2106 or Students must	
				be enrolled in one of the fol lowing Programs: GCNS or	
				GCST or GDNS or GDST or	
				MSST or MENS	
SVY3107 Geodetic Surveying B	2	2		Pre-requisite: SVY1110 or S	
				tudents must be enrolled in	
				one of the following Program	
				s: GCNS or GCST or GDNS or GDST or MSST or MSPT	
				or MENS	
Schedule B: Students must co	mplete th	ree courses	'		
SVY3200 Land Administration	2	2			
SVY4304 Land and Cadastral Law	2	2			
ENG8104 Asset Management in an Engineering Environment	1	1			
ENG8101 Technological Impact and its Management	1	1			
URP3201 Sustainable Urban Design and Development	2	2			
SVY4309 Practice Management f	1	1			

Consult the Handbook on the Web at http://www.usq.edu.au/handbook/current for any updates that may occur during the year. (DISCONTINUED) Master of Spatial Science Technology . (MSST) - MSpScTech (2018)

Major study: Surveying (Major Study Code: 15927)									
Course	Year of program and semester in which course is normally studied					course	Enrolment requirements	Comments	
	On-campus (ONC)		External (EXT)		Online (ONL)				
	Year	Sem	Year	Sem	Year	Sem			
ECO8012 Methods for Sustainable Development				2		2			
Schedule C: Students must complete both courses									
ENG8001 Engineering Research Methods*	1	1, 2		1, 2		1, 2			
ENG8414 Masters Engineering Research Project D	1	1,2				1,2	Pre-requisite: ENG8411	4 units	

Footnotes

A student with previous undergraduate degree in the spatial sciences may to opt to select fewer courses in Group A than required (and thus will need more courses from Group B), upon approval by the Faculty of Health, Engineering and Sciences. Best enrolled in Semester 1 of first year to satisfy ENG8002 pre-requisite.

Permission to enrol in this course must be obtained from the Program Coordinator.