Graduate Diploma of Spatial Science Technology (GDST) - GradDipSpScTech

CRICOS code (International applicants): 072982E

	On-campus	External
Semester intake:	Semester 1 (February) Semester 2 (July)	Semester 1 (February) Semester 2 (July)
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:	2 semesters full-time or 4 semesters part-time or by distance learning	
Program articulation:	From: Graduate Certificate of Spatial Science Technology To: Master of Spatial Science Technology	

Contact us

Future Australian and New Zealand students	Future International 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 Phone: +61 7 4631 5543 Email: international@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

Professional accreditation

The Graduate Diploma of Spatial Science Technology is not accredited by any professional bodies other than the University of Southern Queensland.

Program aims

This postgraduate degree produces graduates who are skilled in spatial science investigations, evaluation and synthesis. It allows students to enhance their knowledge of a particular surveying or spatial science information discipline area for application, research or management purposes.

Program objectives

Students who successfully complete the Graduate Diploma of Spatial Science Technology specialising in Geographic Information Systems (GIS) will be able to demonstrate:

- an understanding of the concept of spatial and geographic information systems
- familiarity with the analysis and management of spatial information
- an awareness of potential applications and limitations of geographic information systems
- an understanding of the capture, conversion and output of geographic information
- a knowledge of geographic information systems at an advanced level
- a professional standard of communication
- a knowledge of the professional journals and other information sources relevant to geographic information systems

Students who successfully complete the Graduate Diploma of Spatial Science Technology majoring in Surveying will be able to demonstrate:

- a capacity for the analysis, evaluation and synthesis of surveying related systems
- enhanced technical skills in surveying technology
- an awareness of the current surveying practices and methods
- a knowledge of surveying practice at an advanced level
- a professional standard of communication
- a knowledge of the professional journals and other information sources relevant to the specialised area of surveying and spatial sciences

Admission requirements

To be eligible for admission to the program candidates must possess a three or four year undergraduate degree, or equivalent, in a discipline approved by the Faculty of Health, Engineering and Sciences. 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.

All students are required to satisfy the applicable 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, you 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 Graduate Diploma of Spatial Science Technology consists of eight units and is a one year full time on-campus program that may also be studied externally over two years. The maximum time for completion is two years for a full-time student and four years for a part-time external student.
Students may commence their studies at the beginning of either Semester 1 or Semester 2. Students may select one of the two specialisations in the program, either geographic information systems or surveying. The courses offered in each specialisation are shown in the following tables. Students wishing to complete the program

should select eight courses from the appropriate table including the core courses as specified in the specialisation.

Required time limits

Full-time students have a maximum of two years to complete this program. Part-time students have a maximum of four years to complete this program.
A pro-rata adjustment of the maximum time period will apply for those students who transfer from one mode of study to another. A pro-rate reduction in the maximum time period will apply to students who are admitted to a program with advanced standing.

Specialisation

The specialisation study provides students with knowledge and skills in a specific discipline. The two specialisation study areas in the Graduate Diploma of Spatial Science Technology are:

- Geographic Information Systems
- Surveying.

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. Specialist software is required for some courses.

Articulation

Graduates from this program may articulate with full credit into the Master of Spatial Science Technology.

Exit points

Students who for whatever reason, are unable to complete the Graduate Diploma of Spatial Science Technology, and who satisfy all of the requirements of the Graduate Certificate of Spatial Science Technology, may be permitted to exit with that award.

Credit

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

Geographic Information Systems specialisation 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.

Specialisation: Surveying (Specialisation Study Code: 12705)							
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	
							GCNS or GCST or GDNS or GDST or MSST or MENS
SVY2301 Automated Surveying Systems		1		1			Pre-requisite: SVY1104 or Students must be enrolled in one of the following Programs: GCST or GDST
SVY3202 Photogrammetry and Remote Sensing		1		1			
SVY1110 Introduction to		2		2			