

# **Master of Spatial Science Tec**

- analyse technological trends, and current and advanced technologies in the spatial science area and related disciplines, such as sustainable development, information systems, and technology management;
- apply knowledge and skills in spatial science;
- undertake research into spatial science issues and applications.

## Admission requirements

To be eligible for admission to the program candidates must possess 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 and International applicants must also comply with the University requirements for competency in written and spoken English.

## How to apply

Application for postgraduate programs

Application for postgraduate programs may be made directly to USQ.

Application for international students

This program is offered to international students. An international student is a person who is not an Australian or New Zealand citizen and not an Australian permanent resident. Please refer to [USQ International](#) for information about entry requirements, visa arrangements and how to apply.

## 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](#).

Permanent Humanitarian Visa holders, Permanent Resident visa holders and New Zealand citizens who reside outside Australia pay full tuition fees.

Domestic full fee paying students may be eligible to defer their fees through a Government loan called [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 Spatial Science Technology](#) is comprised of 12 units of study as indicated in the following tables. It involves a minimum of either three (3) terms of full-time study or six (6) terms of part-time study.

A student can choose from one of the two major fields of study: GIS or surveying. The program is flexible, and depending on their previous undergraduate degree and current interests, allows a student to choose courses from a) GIS and surveying courses, and b) related disciplines and application areas, such as sustainable

development, information systems, and technology management. All students must complete a four unit research project and a pre-requisite course on research methods.

## Major studies objectives

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

- Geographic Information Systems
- Surveying.

A Transdisciplinary Engineering option is also available for students wishing to enhance their knowledge across a range of engineering disciplines.

## 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.

## Exemptions

Candidates for admission to the [Master of Spatial Science Technology](#) program are eligible to seek exemptions, in accordance with University regulations. The maximum number of exemptions permitted will be six (6) units. Studies used as the basis for claims for exemptions will normally have been completed within a period of five years prior to the date of application for exemptions and will not have been credited to another award. For students articulating from the [GCST Graduate Certificate in Spatial Science Technology](#) or the [GDST Graduate Diploma of Spatial Science Technology](#) will need to check their selection of courses in these programs to ensure that maximum exemptions are available.

## 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 Head of Discipline. 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 patterna





