

Associate Degree of Spatial Science (ADSS) - AssocDegSpSc

QTAC code (Australian and New Zealand applicants): Toowoomba campus: 907062; Distance education: 907065

CRICOS code (International applicants): 053510F

	On-campus	Distance education
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 years full-time, 4 years part-time or external	
Program articulation:	To: Bachelor of Spatial Science ; Bachelor 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: studyeng@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

Geographic Information Systems major

This major provides students with the technical skills required to work in the expanding area of Geographic Information Systems (GIS). Students undertake studies in surveying, land studies, spatial analysis and modelling, problem solving, data visualisation and presentation, information management, photogrammetry, remote sensing and GIS. Coursework can be credited towards a Bachelor of Spatial Science Technology (GIS) or Bachelor of Spatial Science (GIS).

Career opportunities

Geographic Information Systems Officer or Spatial Information Analyst in any organisation using GIS systems to support decision making including Local, State and Commonwealth Government agencies in applications such as planning, land development or environmental assessment.

Surveying major

Surveying associates often work as support staff to professional surveyors. The program is designed to ensure that graduates possess a broad knowledge of surveying and a large variety of practical surveying skills. All coursework can be credited towards a Bachelor of Spatial Science Technology (Surveying), or Bachelor of Spatial Science (Surveying).

Career opportunities

Mine Surveyor, Engineering Surveyor in State and Local Government or construction organisations; Surveying Associate employed with private organisations as instrument operator or field technician.

Urban and Regional Planning major (New for 2013)

Planning assistants work as support staff to professional planners and provide planning assistance in Government agencies. This program is designed to ensure that graduates possess a broad knowledge of planning processes and practical planning skills including the operation and requirements of planning schemes, geographic information systems, environmental assessment and community consultation processes. All coursework can be credited towards a Bachelor of Spatial Science (Urban and Regional Planning).

For more information on this major please see [Urban and Regional Planning](#)

Career opportunities

Planning assistants are employed in local, State and Federal Government agencies, property development companies or in private consultancies.

Professional accreditation

Graduates of the Associate Degree in Spatial Science (Surveying) may seek registration with the Board of Surveyors in Queensland. The program is accredited by the Surveyors Board of Queensland. Graduates from both majors are also eligible for memberships with the [Surveying and Spatial Sciences Institute Australia](#).

Program aims

The Associate Degree in Spatial Science program provides students with the theory, methods and practices required by an associate to support a practising professional spatial scientist. To this end the program provides students with a general understanding of the broad practice and knowledge in the spatial science profession and the technical skills to work in one of two fields: Geographic Information Systems (GIS), or Surveying.

Program objectives

A student who successfully completes the Associate Degree in Spatial Science will be able to demonstrate:

- a broad knowledge of the basic scientific and technical skills required to function at an associate level
- an effective level of computer literac

- be able to demonstrate that they have achieved an equivalent standard in these subjects at another institution and
- **Australian applicants:** have achieved a Queensland Overall Position (OP) band, or an equivalent Rank based on qualifications and previous work experience, at or above the specified cut-off level
- **International applicants:** must have met the University's [English language](#) requirements or have completed the University's [ELICOS/EAP](#) programs.

How to apply

Domestic students

[Application for undergraduate programs](#) may be made through the Queensland Tertiary Admissions Centre (QTAC). The same procedure applies whether you plan to study on-campus or by distance education.

If you completed Year 12 at a Queensland secondary school you will be assessed for entry on the basis of your Overall Position (OP) or equivalent score. Year 12 students from other states or territories are considered for entry on the basis of their UAI, ENTER or TER and the subject prerequisites indicated. Other applicants will be based on their overall Rank.

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

Required time limits

Full-time students have a maximum of four years to complete this program. Part-time students have a maximum of eight years to complete this program.

Practice courses

The major practical work requirements associated with each of the Faculty's programs are contained within a series of Practice courses. These courses are designed to enhance learning, communication and practical skills through laboratory sessions, workshops, seminars, field trips and group activities.

Practice courses may be undertaken in either on-campus or external mode. Students enrolling externally will be required to attend a **compulsory residential school**. However, students who enrol in Practice courses in on-campus mode may be required to undertake a series of weekly activities and/or attend a compulsory residential school. The only final grades available in these courses are Pass (P) or Fail (F).

Practice courses are **zero** unit courses that are a compulsory part of the program. However, they do not attract a student contribution charge for Australian residents or a tuition fee for international students. External students should ensure that they are able to attend the residential school prior to enrolling in a series of weekly activities.


