

Bachelor of Spatial Science Technology (BSST) - BSpScTech

QTAC code (Australian and New Zealand applicants): Toowoomba campus: 907802; Distance education: 907805

CRICOS code (International applicants): 053512D

Program objectives

A student who successfully completes the Bachelor of Spatial Science Technology should be able to demonstrate:

- a broad knowledge of basic scientific and technical skills
- a level of computer literacy skills appropriate to their field of study
- appropriate written and oral communication skills
- the capacity to analyse technical problems and propose solutions
- an understanding of, and the ability to undertake, the processes required to collect, store, and manipulate a variety of spatial data
- a capacity to adapt to change and to master new technologies as they emerge
- an understanding of the natural, social, professional, industrial and technical environments in which they will practice
- the skills required to access information and an aptitude to undertake further learning and study
- a knowledge of surveying or spatial information systems of sufficient depth to gain employment, certification and, where appropriate, registration as a Graduate Surveyor or GIS Spatial Scientist.

Admission requirements

Applicants shall normally:

- have studied four semester units and achieved an exit assessment of 'Sound Achievement' or better in the Queensland Senior Secondary School subjects: English and Mathematics B (Mathematics A is assumed)

or

- 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

Domestic and International

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 courseY

Students enrolled in the external offer of a Practice Course **must attend** the residential school for that course. In some cases students enrolled in the on-campus mode may also be required to attend the residential school. Students should only enrol in a Practice Course when they are able to attend the residential school for that course. Practice Courses **may not** be taken earlier than shown except with the permission of the Faculty of Health, Engineering and Sciences. In some cases students may enrol in two Practice Courses in one term so they can complete the two residential schools in a two-week period. The actual dates for each residential school are shown in the [Residential School schedule](#) in this Handbook.

Practice courses

The majority of the practical and professional experience requirements for the program are contained within the major recommended enrolment pattern in the following table. These are zero unit courses, which 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.

Articulation

Graduates of an Associate Degree in Spatial Science would normally be eligible for up to 16 units of credit towards the Bachelor of Spatial Science Technology within the same field. Similarly, Bachelor of Spatial Science Technology graduates would normally be eligible for up to 24 units of credit towards the Bachelor of Spatial Science (Honours) degree within the same field. Students who have completed an associate degree or certificate program in surveying than five years ago are eligible to claim advanced standing. The number of units of advanced standing granted will depend upon the nature and currency of the studies undertaken, and on the major undertaken.

The programs in Surveying and Geographic Information Systems also articulate to and from each other and enable students to move between Surveying and Geographic Information Systems degrees, whilst still retaining a significant amount of credit.

Prospective students who wish to upgrade an existing qualification should contact the Faculty to obtain information about likely exemptions and recommended enrolment patterns for their upgrade program.

Exit points

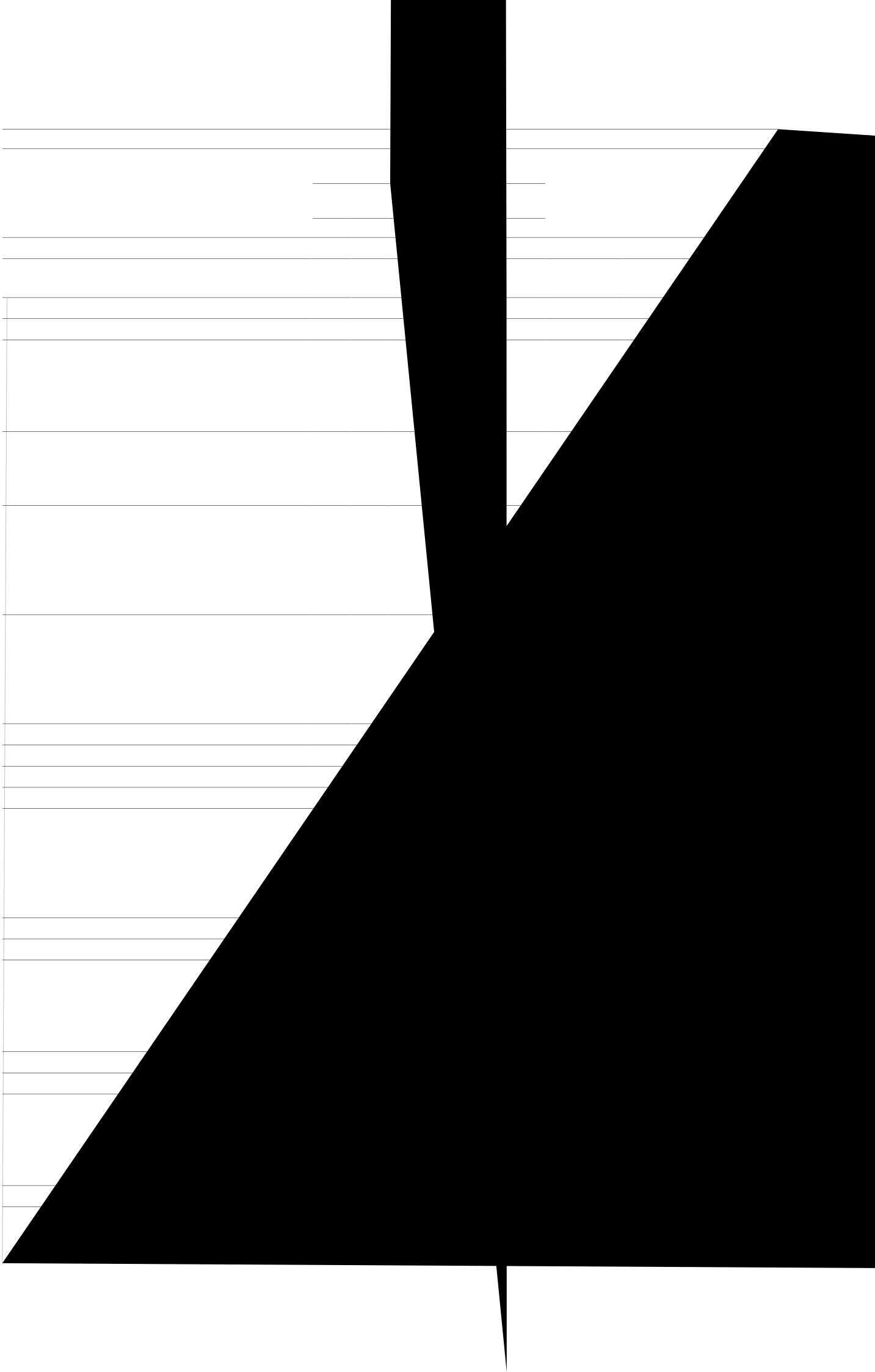
Students who, for whatever reason, are unable to complete the Bachelor of Spatial Science Technology and who satisfy all of the requirements of the Associate Degree in Spatial Science may be permitted to exit with that award.

Geographic Information Systems Major recommended enrolment pattern

Students are able to enrol in any offered mode of a course (on-campus, distance education or online), regardless of the program mode of study they enrolled in.

To satisfy the requirements of the program students must complete all of the Academic and Practice Courses in the following table that shows the recommended enrolment patterns for on-campus and external students. Students following a non-standard enrolment pattern should consult the [course synopses](#) section of this Handbook to ascertain if a course is offered in another term.

Major study: Geographic Information Systems (Major Study Code: 15405)								
Course	Year of program and semester in which course is normally studied						Residential school (compulsory /optional)	Enrolment requirements
	On-campus (ONC)		External (EXT)		Online (ONL)			
	Year	Sem	Year	Sem	Year	Sem		
Academic Courses								
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DFP.1-/ Dbldo^mef` Fkcl o j ^qfIk Pvpqbj p)0			
PSV..-/ Prosbvfk d >	.	.	/	.				
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Consult the Handbook on the Web at <http://www.usq.edu.au/handbook/current> for any updates that may occur during the year.
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Footnotes

[^] On-campus students should enrol in the external offering of this course.