

## Bachelor of Spatial Science (Honours) (BSPH) - BSpSc(Hons) New

QTAC code (Australian and New Zealand applicants): Unspecified (Toowoomba campus: 907222; Distance education: 907225); Urban & Regional Planning (Toowoomba campus: 907232; Distance education: 907235)

CRICOS code (International applicants): 079520A

	On-campus	Distance education
<b>Semester intake:</b>	Semester 1 (March) Semester 2 (July)	Semester 1 (March) Semester 2 (July) Semester 3 (November)
<b>Campus:</b>	Toowoomba	-
<b>Fees:</b>	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
<b>Standard duration:</b>	4 years full-time, 8 years part-time or external	
<b>Program articulation:</b>	From: <a href="#">Associate Degree of Spatial Science</a> ; <a href="#">Bachelor of Spatial Science Technology</a> To: <a href="#">Master of Spatial Science Research</a> ; <a href="#">Master of Spatial Science Technology</a> .	

### Contact us

Future Australian and New Zealand students	Future International students	Current students
<a href="#">Ask a question</a> Freecall (within Australia): 1800 269 500 Phone (from outside Australia): +61 7 4631 5315 Email: <a href="mailto:study@usq.edu.au">study@usq.edu.au</a>	<a href="#">Ask a question</a> Phone: +61 7 4631 5543 Email: <a href="mailto:international@usq.edu.au">international@usq.edu.au</a>	<a href="#">Ask a question</a> Freecall (within Australia): 1800 007 252 Phone (from outside Australia): +61 7 4631 2285 Email <a href="mailto:usq.support@usq.edu.au">usq.support@usq.edu.au</a>

### Professional accreditation

The Bachelor of Spatial Science (Honours) (Surveying) is fully accredited by the Surveyors Board of Queensland and is recognised in every Australian state and in New Zealand through reciprocal arrangements. The degree, together with relevant industry e

In addition, students obtain knowledge of the natural, legal, commercial, industrial and social environments in which they will function as professionals. The program instils in students the need for continuing professional development and gives them the ability to adapt to change.

The program is designed to identify, and award honours to, students who have the capacity to undertake study at an advanced level and to make an original contribution to the fundamental science and practice of spatial science. The award of honours will be determined by academic performance and is normally based on a student's grade point average (GPA).

### **Program objectives**

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

- a broad knowledge of basic scientific and technical skills
- a high level of computer literacy skills appropriate to their field of study
- a high level of written and oral communication skills
- **capacity for analysis, ev**

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, Applicants may be admitted to an Award Program.

## **Program fees**

**Commonwealth supported place**

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-rata reduction in the maximum time period will apply to students who are admitted to a program with advanced standing.

## Practical experience

Practical experience is desirable and encouraged but is not required for the completion of the Bachelor of Spatial Science (Honours) program. Students are encouraged to obtain practical experience during vacation periods.

## 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.

## Residential schools

External students are required to attend a number of [residential schools](#) during their program. These are associated with Practice courses and are normally conducted at the end of Semester 3 (February), or during the mid-semester recess in Semester 2 (September/October).

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.

Safety boots are compulsory in engineering laboratories for several of the Practice courses and are strongly recommended for all other Practice courses.

## 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.

## Elective courses

Elective courses are included in the list of Academic courses. Students should select these courses from the Electives list. Students may undertake only one appropriate level five or level eight course from this program or another program in the area of Engineering and Built Environment as an Elective with the approval of the Faculty of Health, Engineering and Sciences.

## Articulation

Graduates of an Associate Degree in Spatial Science majoring in Surveying or GIS, 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. Graduates of an Associate Degree in Spatial Science majoring in Urban and Regional Planning would normally be eligible for up to 16 courses of credit towards the Bachelor of Spatial Science (Honours) within the same field.

Students who have completed an associate degree or certificate program in surveying more 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 study undertaken.

The programs in Surveying, Geographic Information Systems and Urban and Regional Planning also articulate to and from each other and enable students to move between Surveying, Geographic Information Systems and Regional Planning 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 (Honours) and who satisfy all of the requirements of either the [Bachelor of Spatial Science Technology](#), the [Associate Degree of Spatial Science](#) or the [Diploma of Engineering Studies](#) may be permitted to exit with that award.

## Honours

There is a need to have a standard approach for the grading of honours throughout the University, both through embedded honours, and the additional year honours programs.

For all honours programs, the level of honours awarded will be determined on the basis of both the grade point average over the mandatory 8 credit point honours component and the grade achieved in the honours project. For embedded honours programs, the grade point average achieved over the remaining 24 credit point component of the program will also be used to determine the level of honours. The USQ standard honours assessment framework is outlined below. All GPA ranges reflect the range after straight rounding, i.e. the cutoffs shall be calculated by straight rounding, e.g. 6.48 would round to 6.5 and 6.44 would round to 6.4.

Mandatory 8 credit point Honours component*				24 credit point component**
Honours Grade	Standard of Work	Grade Point Average	Performance in Honours project component	Grade Point Average
	W	6.5–7.0	Minimum A	Minimum 6.0

Second Class Honours (2B)	Work of solid quality showing competent understanding of subject matter and appreciation of main issues though possibly with some lapses and inadequacies and with clearly identifiable deficiencies in logic, presentation or originality; some evidence of creative ability; well prepared and presented.	5.2–5.7	Minimum B	Minimum 5.0
Third Class Honours	Adequate report, reasonable quality but showing a minimal understanding of the research area with major deficiencies in content or experimental rigour; little evidence of creative ability or original thought. Sufficient to merit only a bare pass mark.	<5.2	Minimum C	Minimum 3.0

\* Schools may, in exceptional circumstances, make a case to the Executive Dean of a Faculty for the award of Honours for a student who does not meet the mandatory conditions.

\*\* Optional extra for embedded programs.



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## Surveying Major recommended

Students are able to enrol in any offered mode of study of the program mode of study they enroll in.

To satisfy the requirements of the program, students should refer to the following table that shows the recommended courses for our Toowoomba campus. Students should refer to the [synopses](#) section of this Handbook to access course details.

## Surveying Major recommended enrolment

V   
Introduction to





Students may undertake only one appropriate level five or level eight course from this program or another program in the area of Engineering and Built Environment as an Elective with the approval of the F



**Footnotes**

^ It is recommended that these courses are undertaken in the same academic year.

+ It is recommended that students should have completed [ENG3902](#) prior to undertaking this course.