

# **Bachelor of Spatial Science Technology (BSST) - BSpScTech**

QTAC code (Australian and New Zealand applicants): Unspecified (External: 907805; Toowoomba campus: 907802); Surveying (Springfield campus: 927801)

CRICOS code (International applicants): 053512D

---

---

---

---

---

---

---

---

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.

### **Program objectives**

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

- broad and coherent knowledge in the theories, concepts, methods and technologies in the areas of surveying and spatial science
- skills and knowledge of the analysis and evaluation of appropriate technologies, methods and processes to solve and complete a range of surveying and spatial science activities
- well-developed technical and cognitive skills to create innovative and sustainable solutions utilising cutting-edge technologies, supported by research to collect, store and manipulate spatial data
- knowledge and skills to autonomously apply well-informed judgements regarding specialised practices, theories and processes in their domain of knowledge
- well-developed communication skills to transmit and convey the necessary information and ideas to relevant stakeholders
- consistent application of academic norms and ethical standards in decision making when working collaboratively in a professional capacity
- knowledge of surveying or spatial information systems to sufficient depth to be eligible for employment, certification and, where appropriate, registration as a Graduate Surveyor or GIS Spatial Scientist.

### **Australian Qualifications Framework**

The Australian Qualifications Framework (AQF) is a single national, comprehensive system of qualifications offered by higher education institutions (including universities), vocational education and training institutions and secondary schools. Each AQF qualification has a set of descriptors which define the type and complexity of knowledge, skills and application of knowledge and skills that a graduate who has been awarded that qualification has attained, and the typical volume of learning associated with that qualification type. catio 11 Tt(addition, s

[level](#), tertiary, preparatory, professional or vocational qualifications or work experience, as detailed in the QTAC Assessment of Qualifications Manual and QTAC

## IT requirements

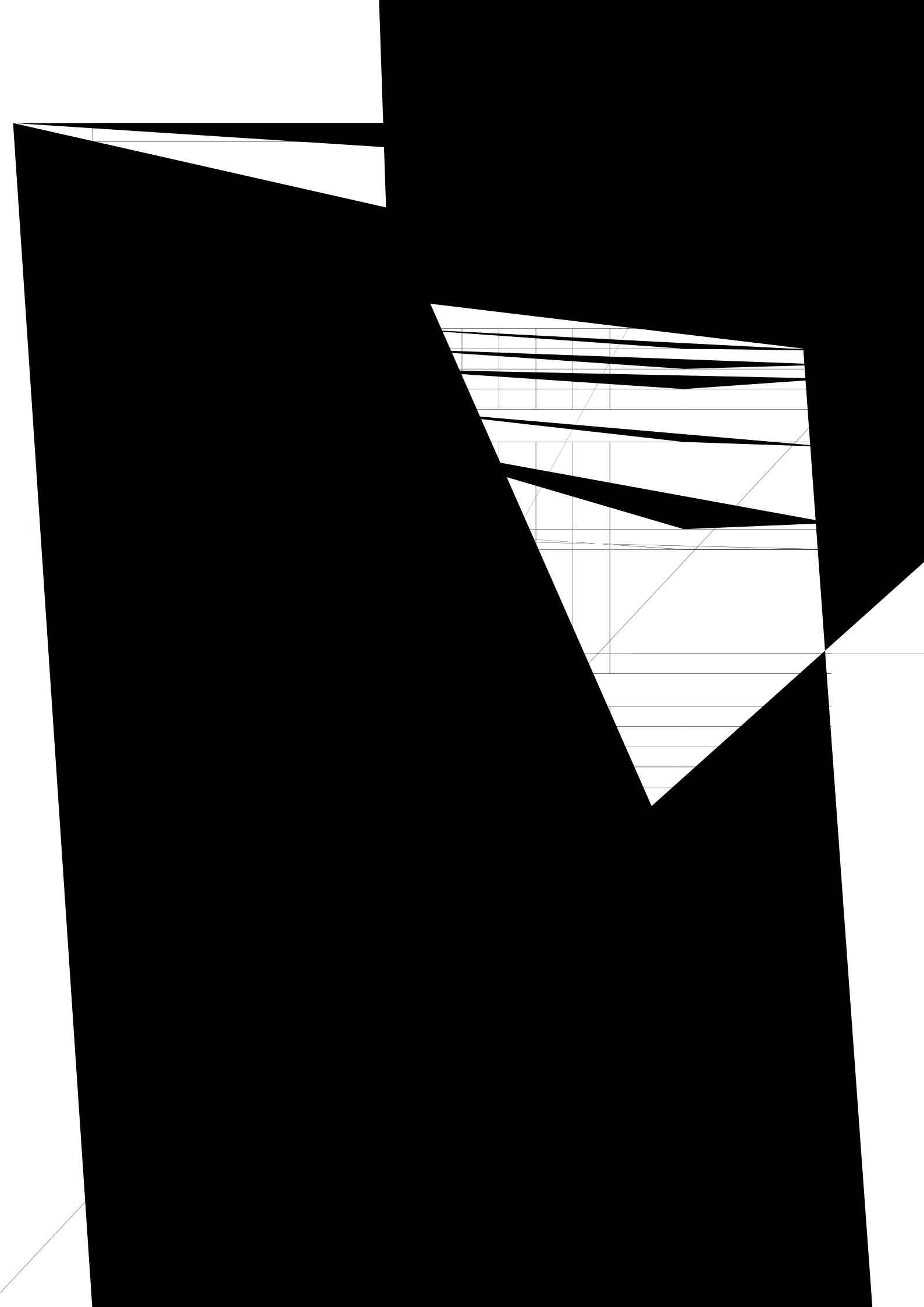
Access to an up-to-date computer is necessary. On-campus students can access appropriately equipped laboratories, but should consider acquisition of their own computer. External students should be able to access a computer with the following [minimum standards](#) as advised by the University. All students 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.

## Residential schools

The attendance requirement of residential schools within this degree is indicated by the following letters: V = Voluntary; O = Optional; C = Compulsory; R = Recommended; HR = Highly Recommended; M = Mandatory. Find out more about [residential schools](#), visit the [Residential School Schedule](#) to view specific dates for your degree, or visit the [Policy and Procedure Library](#).

Students are required to undertake practical and professional activities relevant to their program through enrolment in a series of **Practice courses** in the program. Practice courses are zero unit courses that may be undertaken in either on-campus or external mode and the fi













Major study: Surveying (Major Study Code: 15406)								
Course	Year of program and semester in which course is normally studied						Residential school	Enrolment requirements
	On-campus (ONC)		External (EXT)		Online (ONL)			
	Year	Sem	Year	Sem	Year	Sem		
<a href="#">URP2002 Local Government Planning Practice and Technology</a>		2					2	

**Footnotes**

- ^^ students should study the course appropriate to their intended jurisdiction of practice.
- \*\* The alternative to the previously completed Cadastral core course may be taken as an elective/approved course.
- \* Not available on-campus at Springfield