

Undergraduate Certificate of Spatial Science Fundamentals (UCCS) - UCertSpatScFun

You are currently viewing the 2023 Handbook. For study in 2024, please refer to the [2024 UniSQ Handbook](#).

	Online
Start:	Trimester 1 (January) Trimester 2 (May) Trimester 3 (September)
Fees:	Commonwealth supported place
Standard duration:	0.5 year full-time
Program articulation:	To: Diploma of University Studies ; Associate Degree of Surveying ; Bachelor of Surveying Technology ; Bachelor of Surveying (Honours)

Notes:

In 2023 the program follows the Semester calendar. The [Academic Calendar and Important Dates](#) webpage will allow you to view and download a copy of the important dates for the Semester calendar.

Contact us

Future Australian and New Zealand students	Current students
Ask a question Freecall (within Australia): 1800 269 500 Phone (from outside Australia): +61 7 4631 5315 Email: study@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

Program aims

This program is designed for people interested in pursuing a career as a surveyor or geospatial scientist. Students will build foundational knowledge across the broader discipline skills of surveying, digital mapping, satellite positioning, problem solving and mathematics.

Program objectives

On successful completion of this program graduates should be able to:

- utilise foundation knowledge, skills and competencies in engineering
- reflect on the nature of award-level study
- use effective communication and interpersonal skills

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.

This program is at AQF Qualification Level 05. Graduates at this level will have specialised knowledge and skills for skilled/paraprofessional work and/or further learning.

The full set of levels criteria and qualification type descriptors can be found by visiting www.aqf.edu.au.

Program Information Set

View UniSQ's admission criteria, student profiles and a summary of all offers made under [Course Admission Information Set](#) via the QTAC website.

Admission requirements

To be eligible for admission, applicants must satisfy the following requirements:

- Admission into this short program is available to eligible Commonwealth Supported applicants, who are aged 17 years or over. UniSQ assumes your knowledge is equivalent to senior high school English (Units 3 & 4, C).

Program fees

Commonwealth supported place

A Commonwealth supported place is where the Australian Government makes a contribution towards the cost of a students' higher education and students pay a [student contribution amount](#), which varies depending on the courses undertaken. Students are able to calculate the fees for a particular course via the [Course Fee Schedules](#).

Commonwealth Supported students may be eligible to defer their fees through a Government loan called [HECS-HELP](#).

Program structure

Students must successfully complete four compulsory core courses before they are able to graduate with the Undergraduate Certificate of Spatial Science Fundamentals.

Required time limits

Students have a maximum of 1 year to complete this program.

Core courses

There are four compulsory courses:

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Recommended enrolment pattern

@ l ropb	Vb^o lc mo l do^ j ^ka pb j bpqbo fk t ef^ e ` l ropb fp klo j ^iiv pqrafba						Bkoli j bkq obnr fob j bkqp
	Lk*^ ^ j m rp %LK@&		Buqbok^i %BUQ&		L kifkb %LKI&		
	Vb^o	Pb j	Vb^o	Pb j	Vb^o	Pb j	
ENG1002 Introduction to Engineering and Built Environment Applications					1	1,2	
Choose one of the following two courses:							
GIS1402 Geographic Information Systems [£]					1	1,3	
GIS1401 Geographic Data Presentation					1	2	
Choose one of the following two courses:							
SVY1102 Surveying A					1	1	
SVY1110 Introduction to Global Positioning System					1	2	
Choose one of the following two courses:							
DIP1003 Essential Mathematics [#]					1	1,2,3	
ENM1500 Introductory Engineering Mathematics ^{#§}					1	1,2,3	Enrolment is not permitted in ENM1500 if MAT1100 or MAT1102 or ENM1600 or EN G1500 has been previously completed

Footnotes

- £ In Semester 3, 2023 this course will be delivered as a Transition (9 week) semester, commencing on 13 November 2023 and concluding on 12 January 2024
- # Enrolment involves the completion of an online diagnostic test to determine the appropriate mathematics course
- § Unavailable online in S3 2023