

Undergraduate Certificate of STEM Foundations (UCSF) - UCSTEM

	Online
Start:	Semester 1, Semester 2
Fees:	Commonwealth supported place
Standard duration:	0.5 year full-time
Program articulation:	To: Diploma of University Studies ; Bachelor of General Studies

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 269 500 Phone (from outside Australia): +61 7 4631 5315 Email: study@usq.edu.au

Program aims

The Undergraduate Certificate of STEM Foundations is your pathway to a career in the Sciences. It provides an introduction to the skills and knowledge needed to pursue further study in the areas of science, technology, engineering, and mathematics. It explores numeracy, literacy, critical thinking and e-literacy demands of higher education studies and the professional workplace, and assists students who are new to higher education to transition into a university learning environment.

Program objectives

On successful completion of the Certificate of STEM Foundations graduates should be able to:

- (1) Effectively discuss, evaluate and communicate foundation STEM concepts, processes and practices, including basic scientific methods and mathematical problem-solving
- (2) Use academic and digital literacy skills and knowledge effectively to interpret and communicate information and argument, and successfully complete assigned tasks
- (3) Explain and apply concepts of self-regulation, academic self-efficacy, and ethical behaviour appropriate for the university context.

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 course is available to Australian Citizens and Permanent Residents who are aged 17 years or over. UniSQ assumes your knowledge is equivalent to four semesters at senior high school level (Years 11 and 12) with at least a satisfactory achievement in English.

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 core courses before they are able to graduate with the Undergraduate Certificate of STEM Foundations.

Program completion requirements

To graduate from the Undergraduate Certificate of STEM Foundations, students must successfully complete the four compulsory core courses.

Required time limits

Students have a maximum of 2 years to complete this program.

Core courses

There are four compulsory courses

- [DIP1000 E-Literacy for Contemporary Society](#)
- [DIP1001 Academic and Professional English](#)
- [DIP1755 Foundation Science](#)
- [DIP1004 Mathematical Literacy](#)

IT requirements

Students must have reliable and ready access to email and the Internet. For information technology requirements, please see the [minimum computing standards](#).

Articulation

Successful completion of this course will enable entry and four units of credit towards the [Diploma of University Studies \(DOUS\)](#) and three units of credit towards the [Bachelor of General Studies \(BGEN\)](#).

Recommended Enrolment Pattern

Course	Year of program and semester in which course is normally studied						Enrolment requirements
	On-campus (ONC)		External (EXT)		Online (ONL)		
	Year	Sem	Year	Sem	Year	Sem	
DIP1000 E-Literacy for Contemporary Society						1,2,3	Enrolment is not permitted in DIP1755 if TPP0155 has been previously completed
DIP1001 Academic and Professional English						1,2,3	
DIP1755 Foundation Science						1,2,3	
DIP1004 Mathematical Literacy						1,2,3	