

Associate Degree of Surveying (ADSS) - AssocDegSpSc

QTAC code (Australian and New Zealand applicants): Toowoomba campus: 907061; External: 907065;
Springfield campus: 927061

CRICOS code (International applicants): 053510F

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

	On-campus^{^*}	External^{^@*}
Start:	Trimester 1 (January) Trimester 3 (September)	Trimester 1 (January) Trimester 3 (September)
Campus:	Springfield, Toowoomba	-
	Commonwealth supported place	Commonwealth supported place

Program aims

The Associate Degree of Spatial Science program provides students with the theory, methods and practices required by an associate to support a practising professional spatial scientist. To this end the program provides students with a general understanding of the broad practice and knowledge in the spatial science profession and the technical skills to work in one of three fields: Geographic Information Systems (GIS), Surveying or Urban and Regional Planning.

Program objectives

A student who successfully completes the Associate Degree of Spatial Science should be able to:

- display a broad range of theoretical and technical knowledge, including the underlying principles and concepts fundamental to spatial science
- identify, analyse and evaluate information in order to solve technical problems within a limited range and context of spatial science
- collect, store, adapt and manipulate spatial data to communicate effectively with a range of audiences including professionals, para-professionals, clients and the wider community
- exercise appropriate judgement when identifying and responding to cultural, ethical, environmental and social issues
- adapt to change, master new techniques and the skills required to process information and pathway to undertake further learning and study

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 06. Graduates at this level will have broad knowledge and skills for paraprofessional/highly skilled 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:

- Have achieved a minimum Australian Tertiary Admission Rank (ATAR) of **62.7**, or equivalent qualification.[^]
- English Language Proficiency requirements for Category 2.

Applicants are advised to also note the following:

- [Assumed knowledge](#) expectations: English; General Mathematics
- Recommended Prior Study: Mathematical Methods (Units 3 & 4, C) or equivalent.

All students are required to satisfy the applicable [English language requirements](#).

If students do not meet the English language requirements they may apply to study a University-approved [English language program](#). On successful completion of the English language program, students may be admitted to an award program.

These are determined by the University for specific programs each Semester. The 2023 ATAR and tertiary entrance ranks are based on agreed QTA

Practice courses

The major practical work requirements associated with each of the Engineering and Built Environment programs are contained within a series of Practice courses. These courses are designed to enhance learning, communication and practical skills through laboratory sessions, workshops, seminars, field trips and group activities.

Practical experience

Work experience is desirable and encouraged but is not required for the completion of the Associate Degree of Spatial Science. Students are encouraged to obtain work experience during vacation periods.

IT requirements

For information technology requirements, please refer to the [minimum computing standards](#).

Residential schools

The attendance requirement of residential schools within this degree is indicated by the follow7.890 1 6ing v

Articulation

The Urban and Regional Planning major articulates fully to the [Bachelor of Urban and Regional Planning \(Honours\)](#). With the possible exception of a couple of courses, the other majors articulate to the [Bachelor of Surveying Technology](#) and the [Bachelor of Surveying \(Honours\)](#).

Exit points

Students who, for whatever reason, are unable to complete the Associate Degree of Spatial Science and who satisfy all of the requirements of the [Diploma of Engineering Studies](#) may be permitted to exit with that award.

Credit

Exemptions/credit will be assessed based on the [UniSQ Credit and Exemption Procedure](#).

Work Experience

Work and industrial experience that has not been formally assessed, does not normally qualify for course credit in the Associate Degree of Spatial Science program.

Geographic Information Systems major recommended full-time enrolment pattern

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 for our Toowoomba campus. Students following a non-standard enrolment pattern should consult the [course specification](#) to ascertain if a course is offered in another term.

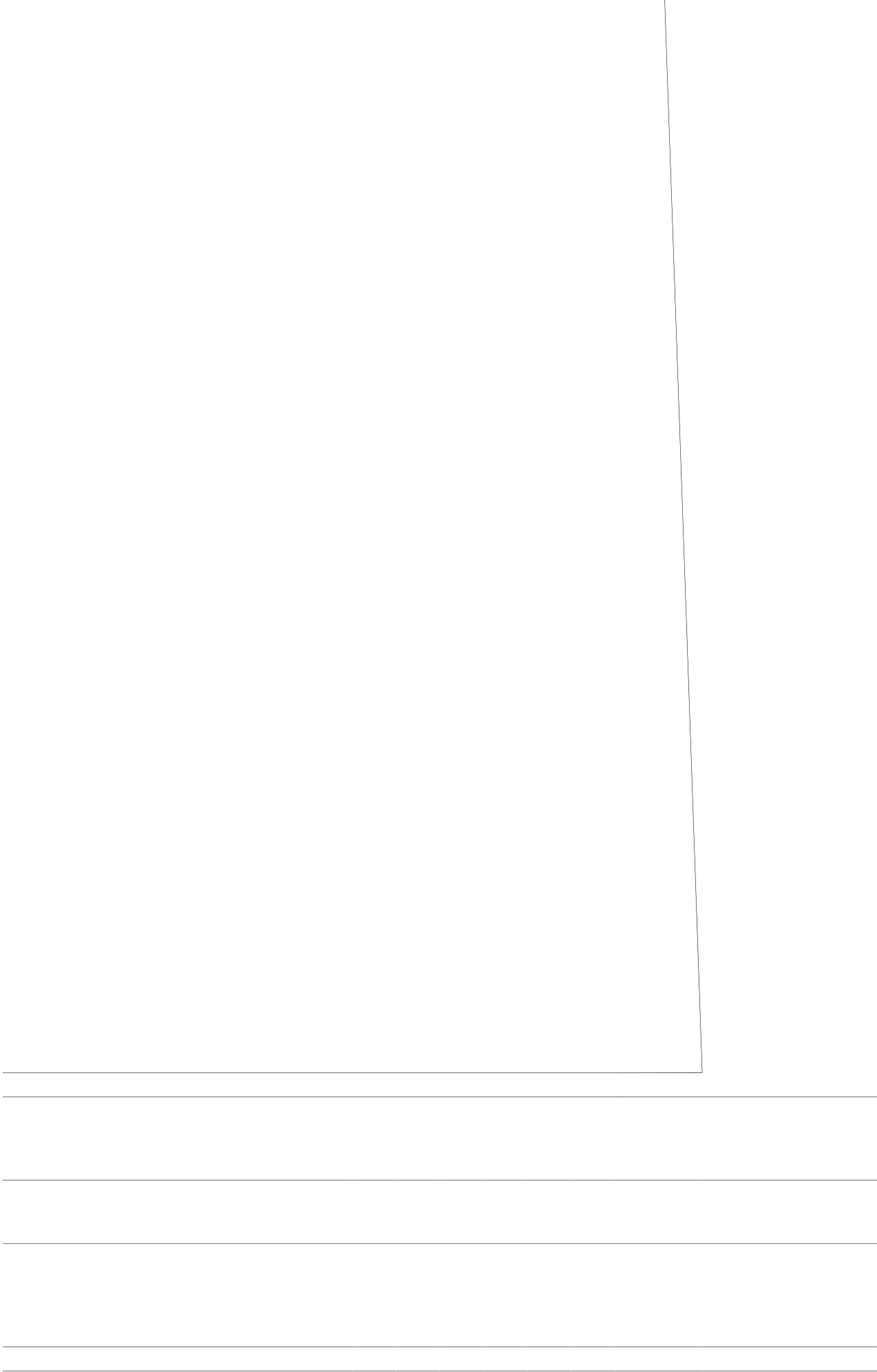
Major study: Geographic Information Systems (Major Study Code: 15409)								
Course	Year of program and semester in which course is normally studied						Residential school	Enrolment requirements
	On-campus (ONC)		External (EXT)		Online (ONL)			
	Year	Sem	Year	Sem	Year	Sem		
URP2002 Local Government Planning Practice and Technology		2					2	

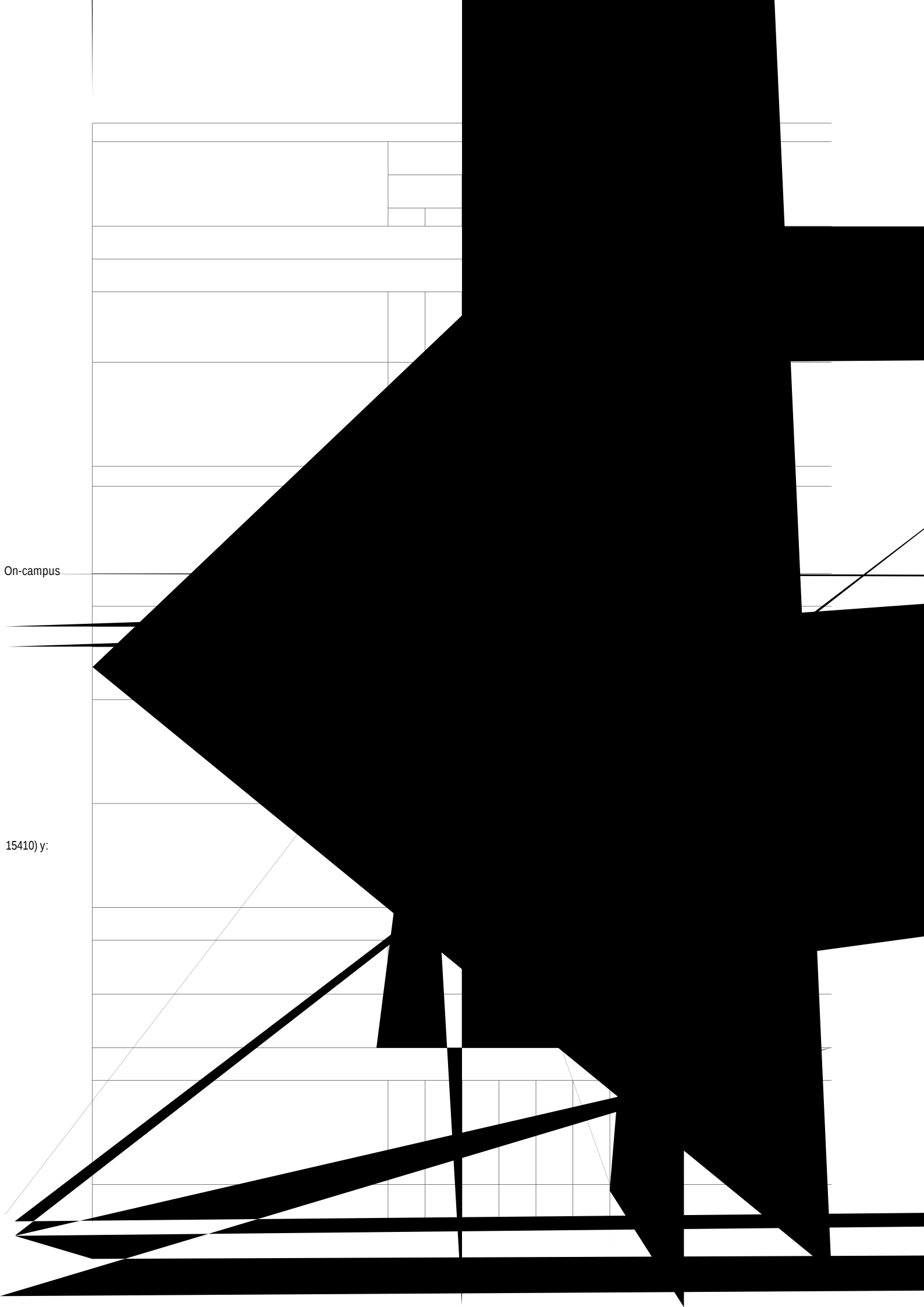
Footnotes

- * Students who achieve a high level in Year 12 Mathematics, or an equivalent mathematics program, may be eligible to replace the study of [ENM1500 Introductory Engineering Mathematics](#) with [ENM1600 Engineering Mathematics](#).
- § Unavailable online in S3 2023
- £ 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
- < Unavailable online in S2 2023
- # Not available in S3 2023

Geographic Information Systems major recommended part-time enrolment pattern

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 for our Toowoomba campus. Students following a non-standard enrolment pattern should consult the [course specification](#) to ascertain if a course is offered in another term.





On-campus

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for our Toowoomba campus. Students following a non-standard enrolment pattern should consult the [course specification](#) to ascertain if a course is offered in another term.

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
- < Unavailable online in S2 2023
- # On-campus offer available at Springfield only
- % Not available in S3 2023
Course is offered in the interim trimester layer, please consult

