# Associate Degree of Spatial Science (ADSS) - AssocDegSpSc

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

CRICOS code (International applicants): 053510F

	On-campus^*	External^@*					
Start:	Semester 1 (February) Semester 2 (July)	Semester 1 (February) Semester 2 (July)					
Campus:	Springfield, Toowoomba	-					
Fees:	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					
Residential school:		Springfield, Toowoomba					
Standard duration:	2 years full-time, 4 years part-time						
Program articulation:	To: Bachelor of Spatial Science Technology; Bachelor of Spatial Science (Honours); Bachelor of Urban and Regional Planning (Honours)						

#### **Footnotes**

- Availability of majors: Geographic Information Systems on-campus at USQ Toowoomba and external; Surveying on-campus at USQ
- Toowoomba, USQ Springfield, and external; Urban and Regional Planning on-campus at USQ Toowoomba and external.

  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 Spatial Science Technology and the; Bachelor of Spatial Science
- International overseas students are advised against studying this program, as it contains mandatory residential schools. External students must be able to attend mandatory residential schools at a UniSQ campus.

#### Contact us

# **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 uni

Adjustment factors may help you get into the program of your choice by increasing your entrance rank. The additional points don't apply to all applicants or all programs. Please read the information about UniSQ's Adjustment Factors carefully to find out what you may be eligible for.

#### **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.

#### Domestic full fee paying place

Domestic full fee paying places are funded entirely through the full fees paid by the student. Full fees vary depending on the courses that are taken. Students are able to calculate the fees for a particular course via the Course Fee Schedule

Domestic full fee paying students may be eligible to defer their fees through a Government loan called FEE-HELP provided they meet the residency and citizenship requirements.

Australian citizens, Permanent Humanitarian Visa holders, Permanent Resident visa holders and New Zealand citizens who will be resident outside Australia for the duration of their program pay full tuition fees and are not eligible for FEE-Help.

#### International full fee paying place

International students pay full fees. Full fees vary depending on the courses that are taken and whether they are studied on-campus, via distance education/online. Students are able to calculate the fees for a particular course via the Course Fee Schedules.

#### **Program structure**

The Associate Degree of Spatial Science program consists of 16 Academic courses and two or three Practice courses, depending upon major (Geographic Information Systems, Surveying or Urban and Regional Planning).

Academic courses are one-unit courses and involve approximately 155 hours of student work per unit.

Practice courses are zero unit courses and each involves approximately 50 hours of student work.

#### Required time limits

Students have a maximum of 6 years to complete this program.

#### **Electives/Approved courses**

Approved courses are part of the academic program and students should select approved courses from the list provided.

#### **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

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: R = Recommended; HR = Highly Recommended; M = Mandatory. To 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 final grades a Unie prnal mode a92.487 536.8197 Re92.938 716

# **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**

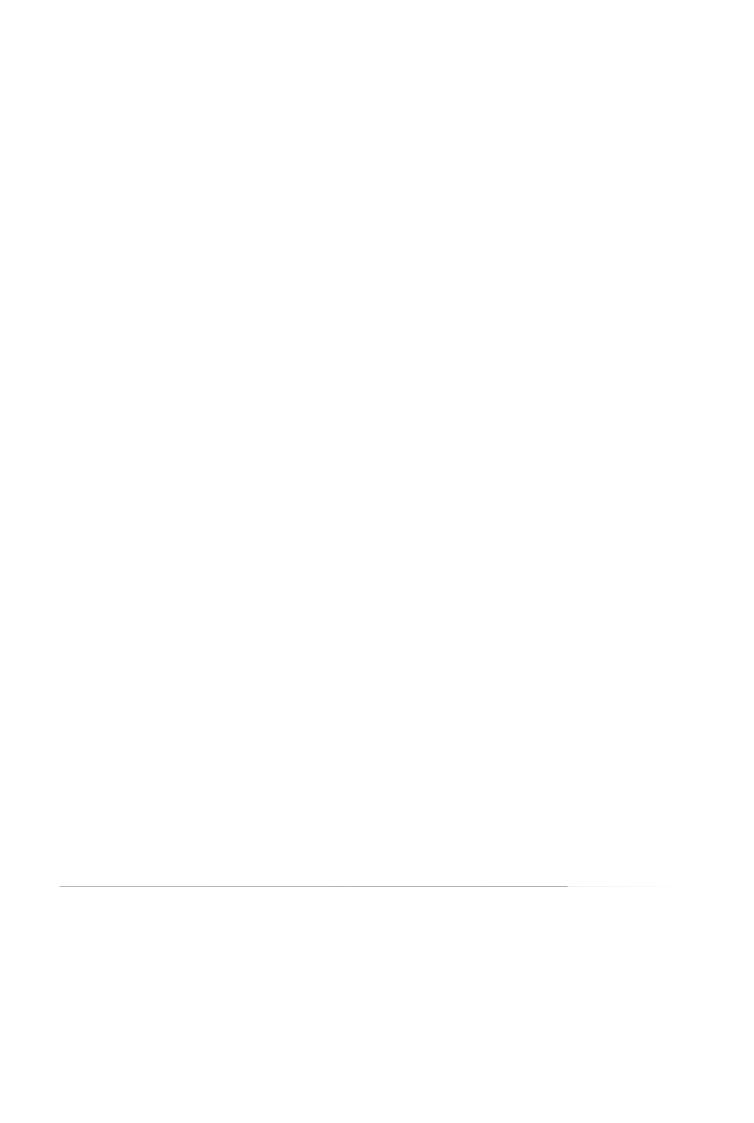
Work and industrial experience that has not been formally assessed, does not normally qualify for course credit in the Associate Degree of Spatial Science program.

# Geographic Information Systems major recommended full-time enrolment pattern

Students are able to enrol in any offered mode of a course (on-campus, external or online), regardless of the program mode of study they enrolled in.

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.

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To satisfy the requirements of the program students must complete all of the Academic and Practice in the following table that shows the recommended enrolment patterns for on-campus and e	courses

Major study: Geographic Information Systems (Major Study Code: 15409)								
Course	Course Year of program and semester in which course is normally studied			course	Residential school	Enrolment requirements		
		On-campus (ONC)		External (EXT)		line NL)		
	Year	Sem	Year	Sem	Year	Sem		

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							

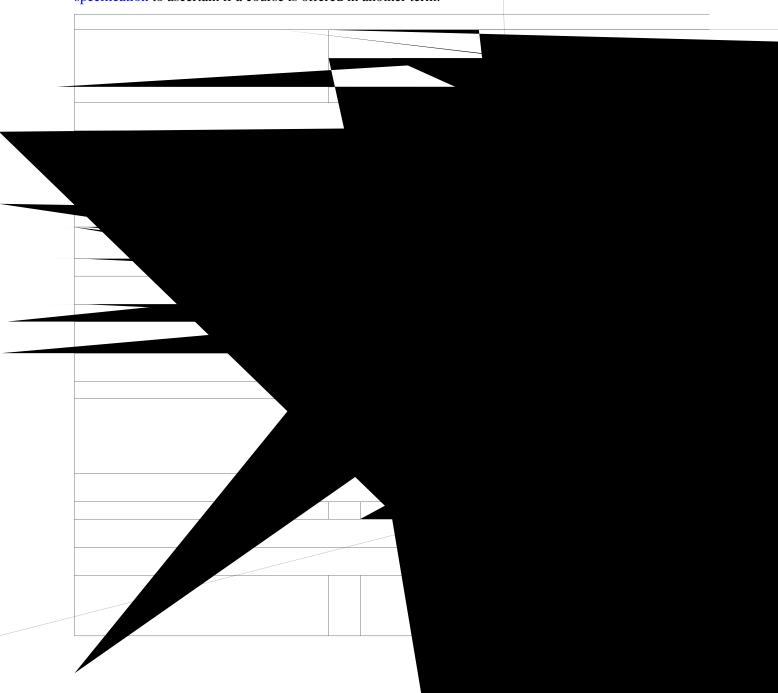
#### **Footnotes**

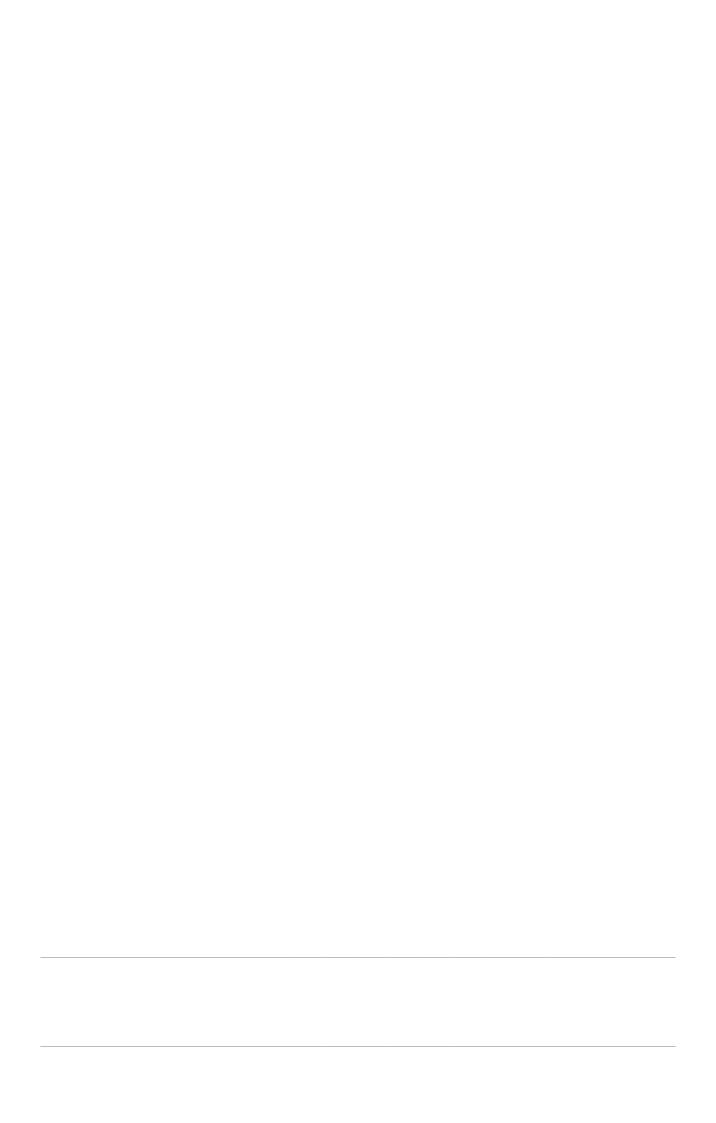
- \* Students who achieve a high level in Year 12 Mathematics, or an equivalent mathematics program, may be eligible to replace the study of ENM1500 Introductory Engineering Mathematics with ENM1600 Engineering Mathematics.
- § Unavailable in on-campus mode in S2 2022
- Unavailable in on-campus mode at Toowoomba campus in 2022
- ^^ 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.
- † Unavailable in on-campus mode at Toowoomba in S2 2022
- # Unavailable in on-campus mode in 2022
- > Unavailable in on-campus mode at Springfield in 2022

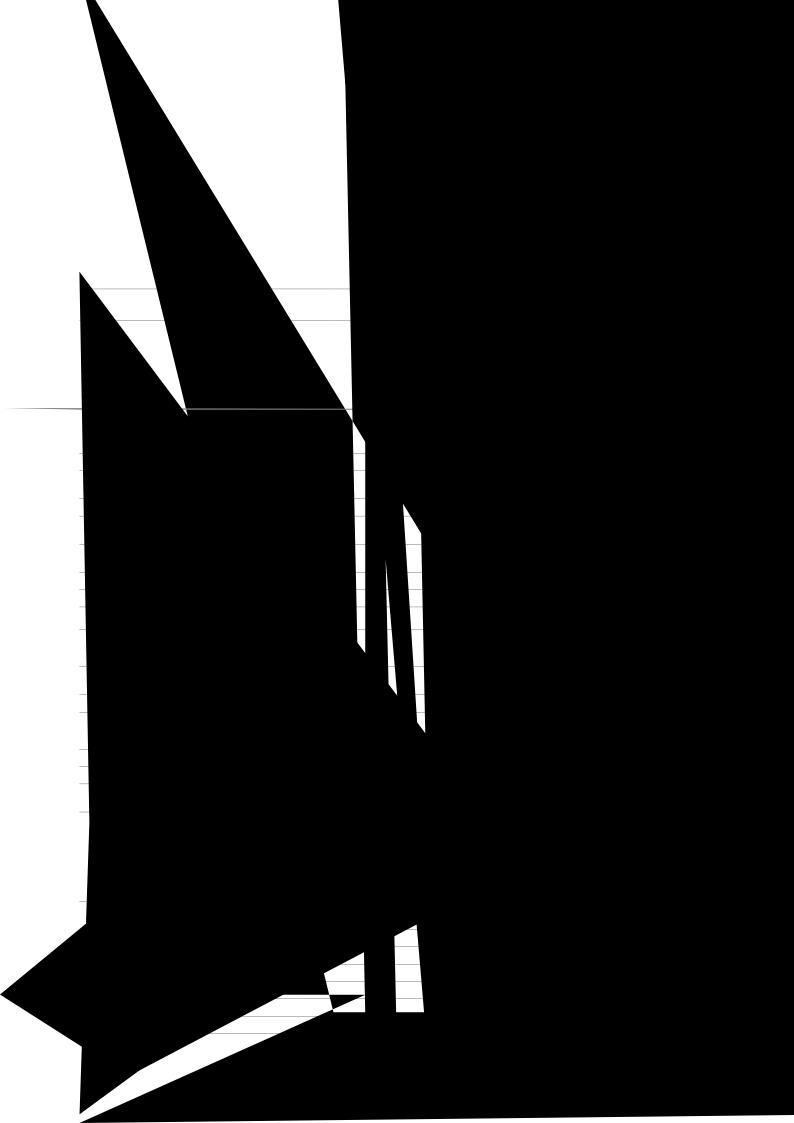
# Surveying major recommended part-time enrolment pattern (Toowoomba and Springfield campus)

Students are able to enrol in any offered mode of a course (on-campus, external or online), regardless of the program mode of study they enrolled in.

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.







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