



# 2018 MAJOR – Spatial Information Science

(Qualifying Major for Bachelor of Science)

Spatial Information Science (SIS) is the science of geographic information systems and remote-sensing for data storage, visualisation (mapping), and the provision of information to support decision making. It is concerned with the interpretation and analysis of geographical information from a variety of sources and in a range of application fields. The aim of the SIS major is to provide students with a comprehensive understanding of the development, management, application and display of spatial information through core studies in geographic information systems (GIS), cartography, global positioning systems, geospatial analysis and modelling, and remote sensing.



**The table below is a suggested first year program guide to support your enrolment.** Please make your selection of units after reviewing the requirements of your award in the 2018 Handbook:

[www.handbook.mq.edu.au/2018/DegreesDiplomas/Degree/Bachelor+of+Science](http://www.handbook.mq.edu.au/2018/DegreesDiplomas/Degree/Bachelor+of+Science)

Suggested First Year			
Session 1, 2018		Session 2, 2018	
Unit Code	Unit Name	Unit Code	Unit Name
STAT170	Introductory Statistics	ISYS100	IT & Society
ENVS117	Biophysical Environments	ENV118	Environmental Management for a Changing World
Elective	COMP or ISYS unit at 100 level	Elective	GEOS or GEOP unit at 100 level
Elective	Choose a People or Planet unit	Elective	Choose a Planet or People unit

- You must also meet the general requirements for the degree for which you will qualify.
- It may be possible to satisfy the requirements of your degree by taking a different selection of units in your first year from those suggested above.
- Consider what units you will want to study in second and third year. Prerequisite requirements for those units must be completed prior to enrolment in the higher-level unit. Enrol in ENVS264 in session 1 of your 2nd year.
- Although Mathematics and Chemistry are not required in the Spatial Information Science major, some background knowledge is helpful. Bridging courses are available in February and recommended for those without recent HSC study: <http://web.science.mq.edu.au/bridging-courses>.
- For a double major complete required units for both majors where possible in the first year. If considering a double major consult the criteria found at [www.handbook.mq.edu.au/2018/Majors](http://www.handbook.mq.edu.au/2018/Majors).
- All students must complete one People unit and one Planet unit. Criteria and available units can be viewed at [www.handbook.mq.edu.au/2018/Units/Planet](http://www.handbook.mq.edu.au/2018/Units/Planet) and [www.handbook.mq.edu.au/2018/Units/People](http://www.handbook.mq.edu.au/2018/Units/People).
- You can receive specific program advice from the faculty at any stage in your degree by lodging a “Program Advice” enquiry via <http://ask.mq.edu.au>.



FIND OUT MORE  
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