

2019 MAJOR – Spatial Information Science

(Qualifying Major for Bachelor of Environment)

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 session for students beginning in Session 2, 2019. Please make your selection of units after reviewing the requirements of your award in the 2019 Handbook:

www.handbook.mq.edu.au/2019/DegreesDiplomas/Degree/Bachelor+of+Environment

Suggested First Session

Session 2, 2019

Unit Code	Unit Name
ENV118	Environmental Management for a Changing World
GEOS125 or GEOS126	Earth Dynamics Introduction to Oceanography
STAT170	Introductory Statistics
Elective or CBMS107 or CBMS108*	Choose an elective unit Foundations of Chemical and Biomolecular Sciences 1 Foundations of Chemical and Biomolecular Sciences 2 *

- 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 session 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.
- Although mathematics and chemistry are not required in the Spatial Information Science major, some background knowledge is helpful. Bridging courses in mathematics are available and recommended for those without recent HSC study: www.tinyurl.com/bridgingmq.
- * CBMS108 requires HSC Chemistry (Band 5 or above). Students without HSC Chemistry should take CBMS107.
- 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/2019/Majors.

FIND OUT MORE
CONTACT: STUDENT CONNECT
LEVEL 2, MUSE C7A PHONE: 9850 6410
Macquarie University NSW 2109 Australia
Handbook.mq.edu.au

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- 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>.



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