

# Bachelor of Geospatial Information Systems



## 2025 Study Plan

Science & Engineering

### Semester 1 Start:

First Level	Semester 1	<b>STEM1001</b> Communicating STEM	<b>GIST1001</b> Geospatial Information Systems	<b>MATH/STAT Option Topic</b> # refer to course rules	<b>Minor Topic</b> (Refer to Course Rule)
	Semester 2	<b>GIST1002</b> Earth Observation Fundamentals	<b>GIST2003</b> GIS Field Data Acquisition and Management	<b>Physics Option Topic</b> *refer to course rules	<b>Minor Topic</b> (Refer to Course Rule)
Second Level	Semester 1	<b>GIST2005</b> Location Intelligence	<b>ENGR1721</b> Engineering Programming	<b>Minor Topic</b> (Refer to Course Rule)	<b>Elective Topic</b>
	NS1	<b>ENGR3750</b> Engineering Workplace Preparation			
	Semester 2	<b>STEM2005</b> Science Applied	<b>GIST2004</b> Drone Observation	<b>COMP1711</b> Database Modelling and Information Management	<b>Elective Topic</b>
Third Level	Semester 1	<b>GIST3006</b> Spatial Information Management	<b>GIST3008</b> Advanced Earth Observation	<b>Either:</b> <b>STEM3004</b> 12-week Industry Based Practicum or; <b>STEM3001</b> Science Connect + Elective Topic	
	Semester 2	<b>GIST3007</b> Advanced Space-Time Analysis	<b>GIST3000</b> Geospatial Information Systems Project (9 Units)  *Continuing students enrol in STEM3100 for 2023	<b>Minor Topic</b> (Refer to Course Rule)	

## Semester 2 Start:

First Level	Semester 2	<b>GIST1001</b> Geospatial Information Systems	<b>GIST2003</b> GIS Field Data Acquisition and Management	<b>Physics Option Topic</b> *refer to course rules	<b>Minor Topic</b> (Refer to Course Rule)
	Semester 1	<b>STEM1001</b> Communicating STEM	<b>ENGR1721</b> Engineering Programming	<b>MATH/STAT Option Topic</b> # refer to course rules	<b>Minor Topic</b> (Refer to Course Rule)
Second Level	Semester 2	<b>STEM2005</b> Science Applied	<b>GIST1002</b> Earth Observation Fundamentals	<b>COMP1711</b> Database Modelling and Information Management	<b>GIST2004</b> Drone Observation
	NS1	<b>ENGR3750</b> Engineering Workplace Preparation			
	Semester 1	<b>GIST2005</b> Location Intelligence	<b>Minor Topic</b> (Refer to Course Rule)	<b>Elective Topic</b>	<b>Elective Topic</b>
Third Level	Semester 2	<b>GIST3007</b> Advanced Space-Time Analysis	<b>GIST3000</b> Geospatial Information Systems Project (9 Units)  *Continuing students enrol in STEM3100 for 2023		<b>Minor Topic</b> (Refer to Course Rule)
	Semester 1	<b>GIST3006</b> Spatial Information Management	<b>GIST3008</b> Advanced Earth Observation	<b>Either:</b> <b>STEM3004</b> 12-week Industry Based Practicum or; <b>STEM3001</b> Science Connect + Elective Topic	

### Key:

Core Topics	Compulsory topic
Minor Topic	A topic from the Engineering minor selected
Elective	Any topic offered by the University at the appropriate year level, provided entry and course requirements are met and that no more than 45 units of First Year topics are included in the 108-unit program.
<b>#MATH/STAT Option Topics: Select One</b> <b>STAT1121</b> Data Science- (S1 Only) OR <b>MATH1121</b> Mathematics 1A- (S1 or S2) OR <b>MATH1701</b> Mathematics Fundamentals A- (S1 or S2)	
<b>*Physics Option Topic: Select One</b> <b>PHYS1701</b> Physics for the Modern World (S1 Only) OR <b>PHYS1702</b> Physics for Health Sciences (S2 Only)	

Please note:

- This document is provided as a guide only. Students are responsible for ensuring that they have completed their study according to the official [Course rule](#).
- Topic information for all topics, including pre-requisites can be found on the [Topic Page](#)
- General enrolment assistance is available via [Ask Flinders](#)
- For specific course advice e-mail: [courseadvice.SE@flinders.edu.au](mailto:courseadvice.SE@flinders.edu.au)