Master of Geographic Information Science (MGIS)

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Program Code: 5610
Duration Options:
2 year duration (32 units of study)
1.5 year duration (24 units of study and 8 units for prior learning)
Entry Requirements: Please refer to MGIS future students page

Key Program Information

- Students in this program must complete a research project.
- Some courses in this program may contain enrolment restrictions requiring permission from the Head of School or other approvals. Students are required to email the School of the Environment to gain approval for restricted courses before they can enrol on SI-Net.

Important Notes

The information contained in this document is intended as general advice only.

Students must follow the program rules & requirements listed on the Programs and Courses Website. This planner must be used in conjunction with your program duration course list and program rules.

Students need to check the prerequisites, incompatibilities and restrictions for all courses they select in their study plan. Future course offerings are subject to change.

This document is not intended as a progression or graduation check. For further information on progression or graduation checks, please contact your school.

Further Assistance

Check out the Frequently Asked Questions (FAQ) page on this study planner document.

If you need further advice or have other questions, please contact:

School of the Environment
Email: environment@enquire.uq.edu.au
Phone: +61 7 3365 3326

2026

Master of Geographic Information Science (MGIS)
2 year duration

Students must follow the program rules & requirements listed on the Programs and Courses Website.

Semester 1 commencement

Step 1 Start with the base study plan outlining Foundational Courses, Flexible Core Courses and Research Project Courses

Year 1				
1st Semester (Feb – Jun) *Semester 1*	**Option** *2 units – Foundational Elective Course*	**Option** *2 units – Foundational Elective Course*	**GEOM7000** Introduction to Earth Observation Sciences (EOS) *2 units – Flexible Core Courses*	**GEOM7005** Geographical Information Systems *2 units – Flexible Core Courses*
2nd Semester (July – Nov) *Semester 2*	**ENVM7003** Applied Research Methods *2 units – Foundational Core Course*	**GEOM7200** Fundamentals of Geographic Information & Technologies *2 units – Foundational Core Course*	**GEOM7001** Earth Observation: Advanced Image Processing & Modelling *2 units – Flexible Core Courses*	**GEOM7002** Spatial Analysis & Modelling *2 units – Flexible Core Courses*
Year 2				
3rd Semester (Feb – Jun) *Semester 1*	**Option** *2 units – Program Elective Course*	**Option** *2 units – Program Elective Course*	**Option** *2 units – Program Elective Course*	**Option** *2 units – Flexible Core Course* *OR* *Program Elective Course*
4th Semester (July – Nov) *Semester 2*	**ENVM7110** Research Project ***4 units** – Research Project Course*		**GEOM7004** Geospatial Processing & Web Mapping *2 units – Flexible Core Courses*	**Option** *2 units – Program Elective Course*

Step 2 Decide on your Foundational Course options. Students must complete exactly 8 units of Foundational Courses – ensure you do not exceed this.

Step 3 Decide on your Flexible Core Courses and Program Elective Courses. Students complete a minimum of 10 units of Flexible Core Courses, however, students can complete 12 units, by replacing one of their program elective courses.

Check the course list for courses offered. Note that courses are only offered in certain semesters, and should you wish to take a course offered in a different semester than displayed on the study plan, you can do so, by changing it with one of your other courses.

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Step 4 Check prerequisites, incompatibilities, and restrictions for all courses you have selected in your study plan. You can click on the course codes above or find the course on the course list. You may need to adjust courses in your study plan at this step.

Please refer to the MGIS course list for full course options.

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Semester 2 commencement

Step 1 Start with the base study plan outlining Foundational Courses, Flexible Core Courses and Research Project Courses

Year 1				
1st Semester (July – Nov) *Semester 2*	**ENVM7003** Applied Research Methods *2 units – Foundational Core Course*	**GEOM7200** Fundamentals of Geographic Information & Technologies *2 units – Foundational Core Course*	**Option** *2 units – Foundational Elective Course*	**Option** *2 units – Foundational Elective Course*
2nd Semester (Feb – Jun) *Semester 1*	**Option** *2 units – Program Elective Course*	**Option** *2 units – Program Elective Course*	**GEOM7000** Introduction to Earth Observation Sciences (EOS) *2 units – Flexible Core Courses*	**GEOM7005** Geographical Information Systems *2 units – Flexible Core Courses*
Year 2				
3rd Semester (July – Nov) *Semester 2*	**GEOM7001** Earth Observation: Advanced Image Processing & Modelling *2 units – Flexible Core Courses*	**GEOM7002** Spatial Analysis & Modelling *2 units – Flexible Core Courses*	**GEOM7004** Geospatial Processing & Web Mapping *2 units – Flexible Core Courses*	**Option** *2 units – Flexible Core Course* *OR* *Program Elective Course*
4th Semester (Feb – Jun) *Semester 1*	**ENVM7110** Research Project ***4 units** – Research Project Course*		**Option** *2 units – Program Elective Course*	**Option** *2 units – Program Elective Course*

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Master of Geographic Information Science (MGIS)

1.5 year duration

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Semester 1 commencement

Step 1 Confirm you have received 8-units for approved prior learning. This will be on your offer letter and can also be viewed on your studies report via SI-Net. If you are unsure whether you have received approved prior learning, please contact: Faculty of Science

Step 2 Start with the base study plan outlining Flexible Core Courses and Research Project Courses

Year 1				
1st Semester (Feb – Jun) *Semester 1*	**GEOM7000** Introduction to Earth Observation Sciences (EOS) *2 units – Flexible Core Courses*	**GEOM7005** Geographical Information Systems *2 units – Flexible Core Courses*	**Option** *2 units – Flexible Core Course* *OR* *Program Elective Course*	**Option** *2 units – Program Elective Course*
2nd Semester (July – Nov) *Semester 2*	**GEOM7001** Earth Observation: Advanced Image Processing & Modelling *2 units – Flexible Core Courses*	**GEOM7002** Spatial Analysis & Modelling *2 units – Flexible Core Courses*	**GEOM7004** Geospatial Processing & Web Mapping *2 units – Flexible Core Courses*	**Option** *2 units – Foundational Course** *OR* *2 units – Program Elective Course*
Year 2				
3rd Semester (Feb – Jun) *Semester 1*	**ENVM7110** Research Project ***4 units** – Research Project Course*		**Option** *2 units – Program Elective Course*	**Option** *2 units – Program Elective Course*

*Recommended Foundational Course – GEOM7200

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Check the course list for courses offered. Note that courses are only offered in certain semesters, and should you wish to take a course offered in a different semester than displayed on the study plan, you can do so, by changing it with one of your other courses.

Note: Students are permitted up to 2 units of Foundational Courses.

Step 4 Check prerequisites, incompatibilities, and restrictions for all courses you have selected in your study plan. You can click on the course codes above or find the course on the course list. You may need to adjust courses in your study plan at this step.

Please refer to the MGIS course list for full course options.

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Master of Geographic Information Science (MGIS)
1.5 year duration

Students must follow the program rules & requirements listed on the Programs and Courses Website.

Semester 2 commencement

Step 1 Confirm you have received 8-units for approved prior learning. This will be on your offer letter and can also be viewed on your studies report via SI-Net. If you are unsure whether you have received approved prior learning, please contact: Faculty of Science

Step 2 Start with the base study plan outlining Flexible Core Courses and Research Project Courses

Year 1				
1st Semester (July – Nov) *Semester 2*	**Option** *2 units – Foundational Course** *OR* *Program Elective Course*	**Option** *2 units – Flexible Core Course* *OR* *Program Elective Course*	**Option** *2 units – Program Elective Course*	**Option** *2 units – Program Elective Course*
2nd Semester (Feb – Jun) *Semester 1*	**GEOM7000** Introduction to Earth Observation Sciences (EOS) *2 units – Flexible Core Courses*	**GEOM7005** Geographical Information Systems *2 units – Flexible Core Courses*	**ENVM7110** Research Project ***4 units** – Research Project Course*	
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Step 4 Check prerequisites, incompatibilities, and restrictions for all courses you have selected in your study plan. You can click on the course codes above or find the course on the course list. You may need to adjust courses in your study plan at this step.

Please refer to the MGIS course list for full course options.

Frequently Asked Questions (FAQ)

What is a prerequisite?

Please refer to: What does 'prerequisite' mean in a course profile?

What is a course profile?

Please refer to: What is a course profile?

Where can I find the course profile?

Please refer to: Where do I find the course profile for my course?

Where can I find the course coordinator?

The course coordinator can be found on the course profile. Please refer to question "Where can I find the course profile?".

Can I study this program part-time?

International students on a student visa must study this program full-time, as per their visa conditions.

Domestic students may choose to complete the program part-time. Part-time students are required to develop their own study plan, however, if you would like assistance with this, please contact the School of the Environment.

Can I study the Master of Geographic Information Science online?

Yes, this program has the option to be completed online for students who are unable to attend campus.

External courses are delivered entirely online, and students must participate online for learning and assessment.
Note: students may be required to sit exams at a UQ campus or an approved off-campus exam centre.

What is recognised prior learning or reduced duration credit?

Students commencing the Masters program with a relevant background may be eligible to enter a shorter duration program. These students may be eligible to enter a shorter duration program as they do not need to complete the foundational or background courses as they have covered this background content in their prior studies.

Students who are eligible to complete a reduced duration program are granted recognised prior learning. The unit value for prior learning is posted to a students account and, in conjunction with their studies, makes up the total unit value required for the program.

Students can review the entry requirements of the program to determine if they may be eligible for recognised prior learning, and apply via an online application (be sure to state recognised prior learning), or contact the Faculty of Science for further advice.

What are the key semester dates for study in this program?

Please refer to the Academic Calendar for key dates throughout the year.

How do I enrol in courses?

Please refer to Enrolment and class allocation for detailed instructions on enrolling in courses for the upcoming semester.

How can I find out when my classes will be on?

Students can view the 2026 Public Timetable online to see what the available classes will be on offer for the upcoming semester. Please see the question below for student's personal timetable.

How do I select my class times?

When the timetabling system is open for students to preference their classes, they can use the Timetable system via their my.UQ dashboard. Please refer to Enrolment and class allocation.