

GIS & REMOTE SENSING MINOR (B.SC.) (18 CREDITS)

Offered by: Geography (Faculty of Science)

Degree: Bachelor of Science

Program credit weight: 18

Program Description

The Minor GIS & Remote Sensing program provides B.Sc. students with the fundamentals of geospatial tools and technologies.

Note: For information about Fall 2025 and Winter 2026 course offerings, please check back on May 8, 2025. Until then, the "Terms offered" field will appear blank for most courses while the class schedule is being finalized.

Required Course (6 credits)

Expand allContract all

Course	Title	Credits
GEOG 201	Introductory Geo-Information Science.	3
GEOG 314	Geospatial Analysis.	3

Complementary Courses (12 credits)

3 credits selected from:

Expand allContract all

Course	Title	Credits
COMP 202	Foundations of Programming.	3
GEOG 333	Introduction to Programming for Spatial Sciences.	3

3 credits selected from:

Expand allContract all

Course	Title	Credits
ATOC 309	Weather Radars and Satellites. ¹	3
GEOG 308	Remote Sensing for Earth Observation. ¹	3
GEOG 414	Advanced Geospatial Analysis. ¹	3

¹ may be taken in either list of complementary courses, but credits from one group may not be doubled-counted in the other.

6 credits selected from:

Expand allContract all

Course	Title	Credits
ATOC 309	Weather Radars and Satellites. ¹	3
COMP 250	Introduction to Computer Science.	3
ESYS 300	Earth Data Analysis.	3
GEOG 202	Statistics and Spatial Analysis.	3
GEOG 308	Remote Sensing for Earth Observation. ¹	3

GEOG 384	Principles of Geospatial Web. ¹	3
GEOG 414	Advanced Geospatial Analysis. ¹	3
GEOG 428	Earth System Geographic Information Science.	3
GEOG 506	Advanced Geographic Information Science.	3
GEOG 535	Remote Sensing and Interpretation.	3

¹ may be taken in either list of complementary courses, but credits from one group may not be doubled-counted in the other.