



## GIS *minor*

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Required Credits: 18

Required GPA: 2.00

### I. REQUIRED COURSES

Complete the following courses:

- GEOG 3231 Introduction to Geographic Information Systems (3 credits)
- GEOG 3232 Intermediate Geographic Information Systems (3 credits)
- ECON 3800 Sustainability Analytics & Modeling (3 credits)  
*or* ENVR 3800 Sustainability Analytics & Modeling (3 credits)

### II REQUIRED GIS COURSES

Complete 9 credits from the following courses:

- GEOG 3226 Cartography (3 credits)
- GEOG 3255 Introduction to Remote Sensing (3 credits)
- GEOG 4265 Spatial Analysis (3 credits)
- GEOG 4275 Advanced Geographic Information Systems (3 credits)
- GEOG 4980 Research (3 credits)
- CS 2270 Introduction to Web Programming (3 credits)
- CS 2321 Computer Science I (4 credits)
- CS 3270 Advanced Web Programming (3 credits)