

CLAS Academic Advising Center – Grand Valley State University

Academic advising for students pursuing majors and/or minors offered by the College of Liberal Arts and Sciences
Call Us: (616) 331-8585 • Visit us On-line: www.gvsu.edu/clasadvising

Geospatial Technology Minor

Provide core skills in GIS, digital image processing (remote sensing), and computer cartography. Emphasize environmental, business, urban planning, and community development applications. Prepare students for jobs in the private and the public sectors as well as for graduate school.

Complete all of the following:

- _____ GPY 200 – Computer Cartography (3 cr.)
- _____ GPY 307 – Introduction to Geographic Information Systems (3 cr.)
- _____ GPY 370 – Introduction to Remote Sensing (3 cr.)

Choose 12 credits of electives from the following:

- _____ CIS 160 – Programming with Visual Basic (3 cr.) (Prereq: MTH 110)
- _____ CIS 162 – Computer Science I (4 cr.) (Prereq: MTH 110)
- _____ CIS 233- Concepts of Database Systems (3cr)(Prereq: CIS 150, or CIS 160, or CIS 162)
- _____ GEO 425- GIS applications in Geology (3cr.) (Prereq:GPY 307 or NRM 395, or equivalent course)
- _____ GPY 365- GIS for Economic and Business Decision-Making (3cr.) (prereq: Junior Standing)
- _____ GPY 385- GIS in Urban and Regional Analysis (3 cr.) (prereq: Junior standing)
- _____ GPY 407 – Advanced GIS (4 cr.) (Prereq: GPY 307)
- _____ GPY 470 – Digital Image Processing (3 cr.) (Prereq: GPY 307 or NRM 350)
- _____ NRM 250 – Resource Measurement and Maps (3 cr.)
- _____ NRM 395 – GIS Applications in Resource Management (3 cr.) (Prereq: GPY 307 or NRM 250)
- _____ NRM 450- Applied Spatial Analysis of Natural Resources (3cr.) (Prereq: NRM 395 or GPY 307)

It is imperative to meet with your faculty advisor or an advisor in the CLAS Academic Advising Center early in your career.

The CLAS Academic Advising Center is located in C-1-140 MAK, 616-331-8585.

Your academic advisor in the CLAS Academic Advising Center is Emily Davis (davisem1@gvsu.edu).

Online at: <http://www.gvsu.edu/clasadvising>