

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 9 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 (3 cr.) (Prereq: CIS 150, or CIS 160, or CIS 162)
- CIS 260 – Application Development in Visual Basic (4 cr.) (Prereq: CIS 162)
- GEO 425- GIS applications in Geology (3 cr.) (Prereq: GP 307 or NRM 395, or equivalent course)
- GPY 365- GIS for Economic and Business Decision-Making (3 cr.) (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 (3 cr.) (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.

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

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