

Curriculum/Course Descriptions

GEOGRAPHIC INFORMATION SYSTEMS (GIS)

17* or 18

Prerequisites (for non-ENVL majors):

ENVL 2100, <u>Physical Geography</u>	(4)
ENVL 2400, Intro to Statistics and Computers, or equivalent	(4)

Common Core:

ENVL 3302, <u>Geographic Information Systems</u>	or equivalent	9* - 10 (3* or 4)
ENVL 3303, <u>Advanced GIS</u>	(spring)	(4)
ENVL 4622, <u>Global Positioning Systems for GIS</u>	(fall)	(2)

Select one or two from the following courses:

ENVL 3304, Remote Sensing	(spring)	4 2
ENVL 3307, <u>Geodatabase</u>	(spring)	2
ENVL 3308, <u>Intro to LiDAR</u>		2
ENVL 4201, Spatial Statistics	(spring)	2
CSIS 3222, Database Systems		4

GIS Senior Project or Internship:

ENVL 49/4800, <u>GIS projects</u>		4 4
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A student with prerequisites starting the program in fall may finish it within a year!

* Applies to a transferred course carrying 3 credits instead of 4.