

# Geographic Information Systems (GIS) Certificate

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### 13 credits

Code	Title	Hours
Required Courses		
GEOG 3600	Introduction to Geographic Information Systems	3
GEOG 3605	Introduction to Geographic Information Systems Laboratory	1
GEOG 4140	Advanced GIS Analysis	3
GEOG 4180	Geoprocessing with Python	3
ENVS 4800R	Independent Research	1-3

### Completion Requirements

1. Complete 13 hours of specified coursework
2. Complete all coursework with a C or higher
3. Cumulative GPA of 2.0 or higher