

GEOGRAPHIC INFORMATION SYSTEMS - ACADEMIC CERTIFICATE (AC)*

Explore More About This Program: <https://cwi.edu/program/geographic-information-systems>

Certificate Quick Facts

- **Instructional School:** Social Sciences and Public Affairs
- **Department:** Culture, History, and Politics
- **Program Code:** GIS.AC
- **Program Type:** Academic Transfer
- **Available Fully Online:** Yes
- **Eligible for Federal Financial Aid:** Yes

NOTE: Courses required for this program *may* have an additional fee; more information can be found on the [Special Course Fees](#) web page.

Certificate Requirements

Course	Course Title	Min Credits
Major Requirements		
GIS 120	Web GIS	3
GIS 126	Fundamentals of GIS	3
GIS 225	Cartography	4
GIS 226	Spatial Analysis With GIS	3
GIS 230	Remote Sensing/GIS Integration	3
<i>Optional Elective Course:</i> ¹		
GIS 240	Python Scripting for GIS	3
Minimum Credit Hours Required		16-19

¹ GIS 240 Python Scripting for GIS is an optional elective course for students completing the GIS Academic Certificate. While not required, students may find the course beneficial for future careers in the GIS field.

**All requirements for this degree or certificate may be completed fully online.*