

GRADUATE CERTIFICATE IN GEOGRAPHIC INFORMATION SYSTEMS (GIS.GR.C)

| Code | Title | Credits |
|--------------------------------------------|-------------------------------------------------------------|-----------|
| Requirements (9 credits) | | |
| AN/GO-524 | Introduction to Geographical Information Systems (GIS) | 3 |
| GO-520 | Spatial Database Design and Management in GIS | 3 |
| GO-540 | Spatial Analysis | 3 |
| Electives (3 credits) | | |
| Select one course from the following list: | | 3 |
| GO-501 | Advanced GIS Applications and Project Implementation | |
| GO-510 | Cartography in GIS | |
| GO-515 | Visual Basic for GIS | |
| GO-537 | Fundamentals of Remote Sensing | |
| GO-559 | Remote Sensing and GPS | |
| GO-599 | Independent Study | |
| AN/HS-520 | Field Methods in Archaeology | |
| AN/HS-562 | History of Maps and Mapping | |
| CJ-595 | Geographic Information Systems, Crime Mapping, and Analysis | |
| CJ-695 | Knowledge into Practice: Criminal Justice Capstone Course | |
| Total Credits | | 12 |

Admission Requirements

1. Possession of a baccalaureate degree from an accredited college or university with a minimum 3.0 grade point average (GPA).
2. A 500-word essay highlighting personal and/or professional goals related to pursuing study in the GIS graduate certificate program.