

GRADUATE CERTIFICATE IN GEOGRAPHIC INFORMATION SYSTEMS

Degree: Certificate

Major: Graduate Certificate in Geographic Information Systems

Total Hours: 15

| Code | Title | Hours |
|--------------------------------|--|-----------|
| Core Courses | | |
| GEOL 5311 | Principles of GIS | 3 |
| GEOL 5312 | Advanced GIS Analysis and Applications | 3 |
| GEOL 5314 | Principles of Remote Sensing | 3 |
| Electives | | |
| Select two from the following: | | 6 |
| GEOL 5301 | Special Topic Env Geo | |
| GEOL 5303 | Advanced GPS methods and Applications | |
| GEOL 5313 | Geospatial Research project | |
| GEOL 5316 | Remote Sensing Data and Applications | |
| GEOL 5317 | Seminar in Geospatial Science | |
| GEOL 5318 | Drone Photogrammetry & Apps | |
| CVEN 5370 | GIS Applications in Engineering | |
| COSC 5311 | Data Mining | |
| CPSC 5340 | Database Design | |
| Total Hours | | 15 |