

# GEOGRAPHIC INFORMATION SYSTEMS CERTIFICATE

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| Course                               | Title                                   | Credits   |
|--------------------------------------|---|-----------|
| <b>Required Courses</b> <sup>1</sup> |   |           |
| GEOGRPHY 3230                        | Geographic Information Systems          | 3         |
| GEOGRPHY 4330                        | Advanced Geographic Information Systems | 3         |
| GEOGRPHY 3520                        | Remote Sensing of the Environment       | 3         |
| GEOGRPHY 4040                        | Python for GIS                          | 3         |
| <b>Total Credits</b>                 |   | <b>12</b> |

<sup>1</sup> Students must earn a C or better in all required courses.