

Checklist for the Undergraduate Certificate in Geographic Information Systems

Ten (10) units of coursework are required from the following list:

Required:

____ RNR/GEOG 417 Geographic Information Systems for Natural and Social Sciences (3 units)
fall, spring, summer

____ RNR 494 Practicum* (1 unit) *fall, spring, summer*

Electives – Select 2 Courses from the following list:

____ GEOG 330 Introduction to Remote Sensing (3 units) *fall, spring, summer*

____ RNR/GEOG 403 Applications of Geographic Information Systems (3 units) *fall, spring, summer*

____ RNR/GEOG 416A Computer Cartography (3 units) *spring*

____ RNR/GEOG 419* Cartographic Modeling for Natural Resources (3 units) *spring*

____ RNR/GEOG 420* Advanced Geographic Information Systems (3 Units) *spring*

____ RNR/GEOG 422* Resource Mapping Using Unmanned Aircraft Systems (3 units) *fall*

____ RNR/GEOG 473* Spatial Analysis and Modeling (3 units) *spring*

____ Approved substitution**:

* RNR/GEOG 417 is a prerequisite

**Substitutions will be allowed on a case by case basis.

Other Policies

- Maximum duplicate units from a previously awarded degree program applicable to a certificate shall be no more than six (6) units.
- Course work taken more than four (4) years prior to admission to a certificate may not be applied.
- Time to complete the certificate shall not exceed four (4) years. The clock begins with the date of the earliest course work used for the certificate.
- Students must be currently enrolled undergraduate degree-seeking students or possess an undergraduate degree.
- Students may use 10 units taken in non-degree status to satisfy undergraduate certificate requirements.

