



Degree Services  
Registrar's Office

# Certificate in Geographic Information Systems

CGIS

**Students must earn a grade of C or better in each course that is used to meet certificate requirements.**

Name: \_\_\_\_\_

ID Number: \_\_\_\_\_ Certificate Completion Date: \_\_\_\_\_

Degree Sought: \_\_\_\_\_ Expected Graduation Date: \_\_\_\_\_

**Minimum credits required: 15**

**Required Courses (9 credits)**

\_\_\_\_\_ FW3540 Intro to GIS for Natural Resource Management (4) **OR**

\_\_\_\_\_ FW5550 GIS for Resource Management (4)

\_\_\_\_\_ FW4540 Environmental Remote Sensing (3) **OR**

\_\_\_\_\_ GE4250 Fundamentals of Remote Sensing (3)

\_\_\_\_\_ FW4545 Map Design with GIS (2)

**Electives (choose 6 or more credits)**

\_\_\_\_\_ FW3170 Land Measurements and GPS (1) **OR**

\_\_\_\_\_ FW5554 GPS Field Techniques (2)

\_\_\_\_\_ FW5550 GIS for Resource Management (4)

(Do not select if selected under required courses above)

\_\_\_\_\_ FW5555 Advanced GIS Concepts and Analysis (3)

\_\_\_\_\_ FW5556 GIS Project Management (3)

\_\_\_\_\_ FW5560 Digital Image Processing: A Remote Sensing Perspective (4)

\_\_\_\_\_ FW4900 Applied Experimental Design and Data Analysis (3) **OR**

\_\_\_\_\_ FW5411 Applied Regression Analysis (3) **OR**

\_\_\_\_\_ FW5557 Applied Spatial Statistics (3)

\_\_\_\_\_ SU4140 Photogrammetry (3)

\_\_\_\_\_  
Student

\_\_\_\_\_  
Date

\_\_\_\_\_  
Department Advisor

\_\_\_\_\_  
Date