

# COLLEGE of SCIENCES

## EXECUTIVE ACTION REQUEST

EA-CLAS-18-59  
Effective Spring 2019

**To: Melissa Jones-Bromenshenkel, Chair, CGS**  
**From: Mike Cornebise, Interim Associate Dean, CLAS**  
**Date: Dec 4, 2018**  
**RE: Executive Action Request for Accelerated PSM in GIS**

I am writing to request that CGS approve this executive action contingent upon expected approval by COSCC in a scheduled December 7 electronic meeting. The reason is that the executive action request was received after the final regularly scheduled COSCC meeting of the fall semester (Nov 30) and approval is necessary to accommodate students in spring semester. The request would be effective Spring 2019.

**Requested change:** To create/add GEO 55901z/55902z/55903z, GEO 5880z, GEO 5980z, GEO 59901z/55902z/55903z and GIS 5970z to the list of acceptable courses for the accelerated PSM program.

**Rationale for change:** The initial approved request to offer an accelerated PSM in GIScience inadvertently omitted all of the above-mentioned courses from the shared credit option.

**Effective Year/Term:** Spring, 2019

### **Approved Program:**

Accelerated Graduate Program Proposal:  
Accelerated Professional Science Master's (PSM) in Geographic Information Science

### **Program Admission Requirements:**

Admission to the accelerated PSM in GIScience requires that a student have completed a minimum of 60 hours of undergraduate course credit and have a minimum undergraduate cumulative GPA of 3.25. In addition, applicants must have completed a minimum of 21 hours of Geography or Geology courses, and have taken the following courses:

- GEO 3800 – Introduction to Cartography

and one of the following:

- GEO 3885 – Quantitative Methods in Geography
- MAT 1400 – Precalculus Mathematics
- any math course numbered higher than MAT 1400

To apply for the accelerated PSM in GIScience, applicants meeting the above requirements must submit a personal essay describing reasons for pursuing graduate study in Geographic Information Science and one letter of reference from a person outside of the Department of Geology and Geography who can speak to the applicant's ability to communicate and work independently.

### **Shared Credit Course Options for the PSM in GIScience:**

Students may share up to 13 credits between their undergraduate requirements for the BS in Geography, BS in or Geology or GIS Minor and the PSM in GISci. Students may choose from the following shared credit options:

- GEO 4910z: GIS Programming. Credits: 4
- GEO 55901z/55902z/55903z\*: Special Topics. Credits 1-6
- GEO 5810z\*: Introduction to Geographic Information Science. Credits: 3
- GEO 5820z\*: Remote Sensing I. Credits: 3
- GEO 5830z\*: Building Geodatabases. Credits: 3
- GEO 5870z\*: Remote Sensing II. Credits: 3
- GEO 5880z\*: Geospatial Data Models. Credits: 3
- GEO 5980z\*: Geography Internship. Credits: 1 – 6
- GEO 59901z/59902z/59903z\*: Independent Study. Credit 1 - 6
- GIS 5970z\*: Special Topics in Geographic Information Sciences. Credits: 3

\* Students must enlist in the 5xxx version of the course to receive graduate credit.