

Date Submitted: 10/27/23 1:36 pm

## Viewing: **GEOGMS : Geography, Master of Science**

Last approved: 03/11/20 2:44 pm

Last edit: 11/01/23 7:31 am

Changes proposed by: jatullis

Catalog Pages Using this Program

[Geosciences \(GEOS\)](#)

Submitter:	User ID:	jatullis	Phone:
5-8784			
Program Status	Active		
Academic Level	Graduate		
Type of proposal	Major/Field of Study		
Select a reason for this modification			
Changing CIP Code of an Existing Certificate or Major--(LON)			
Are you adding a concentration?			
No			
Are you adding or modifying a track?			
No			
Are you adding or modifying a focused study?			
No			
Effective Catalog Year	Fall 2024		
College/School Code	Fulbright College of Arts and Sciences (ARSC)		
Department Code	Department of Geosciences (GEOS)		
Program Code	GEOGMS		
Degree	Master of Science		

### In Workflow

1. ARSC Dean Initial
2. GRAD Dean Initial
3. Provost Initial
4. Director of Curriculum Review and Program Assessment
5. Registrar Initial
6. Institutional Research
7. GEOS Chair
8. ARSC Curriculum Committee
9. ARSC Dean
10. Global Campus
11. Provost Review
12. Graduate Council
13. Faculty Senate
14. Provost Final
15. Provost's Office-- Documentation sent to System Office
16. Higher Learning Commission
17. Board of Trustees
18. ADHE Final
19. Provost's Office-- Notification of Approval
20. Registrar Final
21. Catalog Editor Final

### Approval Path

1. 10/27/23 2:12 pm  
Christopher Liner (liner): Approved for ARSC Dean Initial

## CIP Code

2. 10/27/23 2:19 pm  
Ed Bengtson  
(egbengts):  
Approved for GRAD  
Dean Initial
3. 10/29/23 7:18 pm  
Jim Gigantino  
(jgiganti): Approved  
for Provost Initial
4. 10/31/23 11:40 pm  
Lisa Kulczak  
(lkulcza): Approved  
for Director of  
Curriculum Review  
and Program  
Assessment
5. 11/01/23 7:31 am  
Gina Daugherty  
(gdaugher):  
Approved for  
Registrar Initial
6. 11/01/23 12:41 pm  
Doug Miles  
(dmiles): Approved  
for Institutional  
Research
7. 11/06/23 2:35 pm  
Jason Tullis (jatullis):  
Approved for GEOS  
Chair
8. 11/14/23 11:37 am  
Nik Rowan  
(nrgreen): Approved  
for ARSC Curriculum  
Committee
9. 11/14/23 1:14 pm  
Christopher Liner  
(liner): Approved for  
ARSC Dean
10. 11/14/23 1:18 pm  
Suzanne Kenner

(skenner): Approved  
for Global Campus

11. 11/14/23 1:21 pm  
Jim Gigantino

(jgiganti): Approved  
for Provost Review

12. 11/17/23 3:39 pm  
Ed Bengtson

(egbengts):  
Approved for  
Graduate Council

## History

1. May 20, 2015 by  
Jason Tullis (jatullis)
2. Mar 1, 2017 by  
Jason Tullis (jatullis)
3. Mar 20, 2017 by  
Gina Daugherty  
(gdaugher)
4. Apr 5, 2017 by  
Charlie Alison  
(calison)
5. Mar 11, 2020 by  
Jason Tullis (jatullis)

[30.4401](#) ~~45.0701~~ - [Geography and Environmental Studies](#). ~~Geography~~.

Program Title

Geography, Master of Science

Program Delivery

Method

On Campus

Is this program interdisciplinary?

No

Does this proposal impact any courses from another College/School?

No

What are the total        30  
hours needed to

complete the program?

## Program Requirements and Description

### Requirements

**Admissions to Degree Program:** Applicants must be admitted to the Graduate School and meet the following requirements: 1) satisfactory undergraduate preparation in geography, 2) three letters from persons competent to judge the applicant's potential for graduate studies, 3) satisfactory GRE scores, and 4) adequate mathematical preparation at the undergraduate level, including statistics, algebra, and/or calculus. Students who do not meet these requirements may be admitted conditionally. Students with course deficiencies may enroll concurrently in graduate courses. Students speaking English as a foreign language are encouraged to take the TOEFL with results reported to the department.

**Degree Requirements:** Requires a total of 30 semester hours. A minimum of 24 semester hours of course work (including a 6-hour core and 6 hours of quantitative or computational electives), 6 semester hours of thesis credit, and a comprehensive examination (defense of thesis) conducted by the candidate's thesis committee are required for all students who obtain an M.S. degree in Geography. Quantitative or computational electives not listed in the Department's Graduate Student Handbook must be pre-approved by the master's advisory committee.

#### Core

<a href="#">GEOS 5093</a>	History and Philosophy of Geography	3
<a href="#">GEOS 5612</a>	Research Methods in Geosciences	2
<a href="#">GEOS 5011</a>	Colloquium	1

#### Quantitative or Computational Electives

Quantitative or computational courses approved by Department or master's advisory committee	6
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#### Other Electives

Courses in consultation with master's advisory committee	12
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#### Thesis

<a href="#">GEOS 600V</a>	Master's Thesis	6
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Total Hours	30
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Students should also be aware of Graduate School requirements with regard to [master's degrees](#).

Are Similar Programs available in the area?

No

Estimated Student Demand for Program 30

Scheduled Program 2020-2021

Review Date

Program Goals and Objectives

**Program Goals and Objectives**

The goal of the MS Geography is to prepare students for doctoral research or employment in geography or related disciplines. The program will help students develop expertise in key areas of geography. These include physical, environmental, human, and regional studies, as well as cartography, remote sensing, photogrammetry, and computational aspects of geographic information science (GIScience).

Learning Outcomes

**Learning Outcomes**

MS Geography graduates will have geographic science skills to solve problems using a combination of scholarly written and verbal communication, geographic information systems (GIS) and related computational resources, and quantitative reasoning.

Description and justification of the request

<b>Description of specific change</b>	<b>Justification for this change</b>
Change in designated CIP code from 45.0701 - Geography to 30.4401 - Geography and Environmental Studies.	The new CIP code more closely aligns with programmatic expertise and content as offered through the MS Geography degree in the Department of Geosciences. The revised code applies to a program that provides "instruction in climate science, sustainability, environmental science and policy, research methods, geographic information systems (GIS), human geography, physical geography, remote sensing, and public policy," each of which are elements of instruction and faculty expertise in the MS Geography program. (source: <a href="https://nces.ed.gov/ipeds/cipcode/cipdetail.aspx?y=56&amp;cipid=91859">https://nces.ed.gov/ipeds/cipcode/cipdetail.aspx?y=56&amp;cipid=91859</a> )

Upload attachments

[lon\\_geogms\\_cip.pdf](#)[GEOGMS - CIP Code Change - Ltr of Notification\\_Rev\\_BOT.pdf](#)

Reviewer Comments

**Lisa Kulczak (lkulcza) (10/31/23 11:38 pm):** Uploaded revised LON with appropriate approval dates inserted.

**Lisa Kulczak (lkulcza) (11/01/23 12:25 am):** ATTENTION REGISTRAR: Please remove Undergraduate Council from the workflow.

**Gina Daugherty (gdaugher) (11/01/23 7:31 am):** Removed Undergraduate Council from workflow.