



Program Approval Form

For approval of new programs and deletions or modifications to an existing program.

Action Requested:

Create New (SCHEV approval required except for minors)

Inactivate Existing

Modify Existing (check **ALL** that apply)

Title (SCHEV approval required except for minors)

Concentration (Choose one): Add Delete Modify

Degree Requirements

Admission Standards/ Application Requirements

Other

Changes: _____

Type (Check one):

B.A. B.S. Minor

Master's

Ph.D.

Undergraduate Certificate*

Graduate Certificate*

Bachelor's/Accelerated Master's Other:

College/School: College of Science **Department:** Geography and Geoinformation Science

Submitted by: Sven Fuhrmann **Ext:** 3-2289 **Email:** sfuhrman@gmu.edu

Effective Term: Fall **Please note:** For students to be admitted to a new degree, minor, certificate or concentration, the program must be fully approved, entered into Banner, and published in the University Catalog.

Justification: (attach separate document if necessary)

Creating an accelerated master's pathway

Program Title: (Required)

Title must identify subject matter. Do not include name of college/school/dept.

Concentration(s):

Admissions Standards / Application

Requirements: (Required only if different from those listed in the University Catalog)

Degree Requirements:

Consult University Catalog for models, attach separate document if necessary using track changes for modifications

Courses offered via distance:

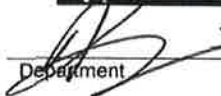
(if applicable)

TOTAL CREDITS REQUIRED:

Existing	New/Modified
Geography, BS (BS GEOG) Geographic and Cartographic Sciences, MS (MS-GECA)	
	3.0 Undergraduate GPA Completion of at least 90 undergraduate credits Completion with a GPA of 3.00 or better of the following courses: GGS 102 or GGS 121, GGS 103, GGS 110, GGS 300, GGS 310, GGS 311, GGS 412, MATH 113, MATH 114 or IT 207 or STAT250
	Details below

*For Certificates Only: Indicate whether students are able to pursue on a Full-time basis Part-time basis

Approval Signatures


 Department _____ Date 10/17/17 College/School _____ Date 11/21/2017

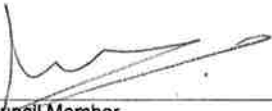
If this program may impact another unit or is in collaboration with another unit at Mason, the originating department must circulate this proposal for review by those units and obtain the necessary signatures prior to submission. Failure to do so will delay action on this proposal.

Unit Name	Unit Approval Name	Unit Approver's Signature	Date

For Undergraduate Programs only

Undergraduate Council Member _____ Provost Office _____ Undergraduate Council Approval Date _____

For Graduate Programs Only



Graduate Council Member

Provost Office

Graduate Council Approval Date

For Registrar Office's Use Only: Received _____

Banner _____

Catalog _____

revised 9/2/2016

**Program Approval Form Submitted to the College of Science Curriculum Committee
(COSCC)**

The form above is processed by the Office of the University Registrar. This second page is for the COSCC's reference. Please complete the applicable portions of this page to clearly communicate what the form above is requesting.

Program Title

Accelerated Program: Geography, BS / Geographic and Cartographic Sciences, MS

Summary:

Create Accelerated Program: Geography, BS / Geographic and Cartographic Sciences, MS

Reason for the New Program:

To provide an easy pathway between the BS GEOG and the MS-GECA

Relationship to Existing Programs:

Both programs exist

Relationship to Existing Courses:

There are no additional course requirements

Semester of Initial Offering:

Fall 2018

Approvals:

- Approval from GGS Curriculum Committee on 10/16/2017
- Passed GGS Department Vote on 10/16/2017

Geography, BS / Geographic and Cartographic Sciences, MS

Overview

Offered by the Department of Geography and Geoinformation Sciences (GGS) in the College of Science, this bachelor's/accelerated master's degree program enables highly qualified undergraduates to obtain the Geography, BS and the Geographic and Cartographic Sciences, MS degrees within an accelerated timeframe. The program strategy enables students to undertake graduate coursework during their final year in the bachelor's degree. This 144 credit program (thesis option) or 151 credit program (comprehensive exam option) prepares students for professional careers where geoinformation management, geographic analysis, and geospatial visualization are of importance.

Students in this accelerated degree program must fulfill all university requirements for the Geography, BS [hyperlink to be added] and the Geographic and Cartographic Sciences, MS. While the information below is largely comprehensive, students are strongly encouraged to also review the Bachelor's/Accelerated Master's Degrees section of this catalog.

Admission Requirements

Students with an overall GPA of at least 3.0 may apply for provisional acceptance into this accelerated master's program after completing at least 90 undergraduate credits. Additionally, they must have completed the following courses with a GPA of 3.00 or better: GGS 102 or GGS 121, GGS 103, GGS 110, GGS 300, GGS 310, GGS 311, GGS 412, MATH 113, MATH 114 or IT 207 or STAT250.

Applicants to all graduate programs at Mason must meet the admission standards and application requirements for graduate study as specified in the Admissions section of this catalog. However, this accelerated master's does not require the GRE test scores.

While being undergraduate students, accelerated master's students must complete the two graduate courses indicated on their Accelerated Master's Program Application (obtained from the Office of Academic and Student Affairs) with a minimum grade of 3.00 in each course. They must maintain a minimum GPA of 3.00 in all coursework and in coursework applied to their major.

At the beginning of their final undergraduate semester, they must submit the Bachelor's/Accelerated Master's Transition Form (found on the Office of the University Registrar website). Students must begin their master's program in the semester immediately following the term of undergraduate degree conferral. Students should consult with their faculty advisor in the Department of Geography and Geoinformation Science and the Office of Academic and Student Affairs to obtain further guidance.

Degree Requirements

Students admitted to this program may start taking graduate courses after completing 90 undergraduate credits. Up to 6 credits of graduate coursework may be applied to both undergraduate degree and the master's degree. If students earn at least a 3.00 in these classes, they are granted advanced standing in the master's program and must then complete 24 (thesis option) or 31 (comprehensive exam option) additional credits to receive the master's degree. All other master's degree requirements must be met.

Reserve Graduate Credits

During the bachelor's degree status, students may take up to 6 graduate credits as reserve graduate credit. These credits do not apply to the undergraduate degree, but will reduce the subsequent master's degree credits accordingly (e.g., with 6 credits counted towards undergraduate degree plus the maximum 6 reserve credits, the master's degree can be completed with 18 (thesis option) or 25 (comprehensive exam option) graduate credits). The ability to take courses for reserve graduate credit is available to all high achieving undergraduates with the permission of the department. To apply the reserved credits to the master's degree, students must request their transfer from the undergraduate degree to the graduate degree via the Bachelor's/Accelerated Master's Transition Form found on the Office of the University Registrar website.

