Program Change Request

Date Submitted: 04/05/22 4:26 pm

Viewing: **SC-BS-GEOG : Geography, BS**

Last approved: 02/09/22 1:55 pm

Last edit: 04/05/22 4:26 pm

Changes proposed by: jbazaz

Catalog Pages
Using this Program
[Geography, BS](#)

~~No Longer~~
~~Anticipated closure~~
~~Rationale for~~

Are you completing this form on someone else's behalf?

No

Effective Catalog: 2022-2023

Program Level: Undergraduate

Program Type: Bachelor's

Degree Type: Bachelor of Science

Title:

Geography, BS

~~1. What was the process~~
~~2. What evidence was used to~~
~~a. Have you ensured there are no~~
~~b. Has CDE confirmed the propose~~
~~c. Has the instructor(s) for this badg~~
~~d. Is the program taking revisions of~~
~~f. Does this badge provide a benefit fo~~
~~5. Is this badge co-sponsored with anot~~
~~a. What is the organization, program, or~~
~~Earning Criteria~~

~~Badge:~~
~~Participant:~~
~~Payment:~~
~~Portfolio:~~
~~Presentation:~~
~~Assessment:~~
~~Credential:~~
Education
~~Other:~~
~~Project:~~

In Workflow

1. **GGS Chair**
2. **SC Curriculum**
   Committee
3. SC Associate Dean
4. Assoc Provost-
   Undergraduate
5. Registrar-Programs

Approval Path

1. 04/05/22 10:28 pm
   Nathan Burtch
   (nburtch): Approved
   for GGS Chair

History

1. Nov 1, 2017 by
   clmig-jwehrheim
2. Jan 11, 2018 by
   rzachari
3. Feb 26, 2018 by
   Jennifer Bazaz
   Gettys (jbazaz)
4. Mar 8, 2018 by
   rzachari
5. Feb 3, 2019 by
   Dieter Pfoser
   (dpfoser)
6. Feb 10, 2020 by
   Nathan Burtch
   (nburtch)
7. Feb 9, 2022 by
   Timothy Leslie
   (tleslie)

Volunteer:
Skills Tag
Skills Tag
Badge Attributes
Please select one from each category:
Achievement Type:
Mastery Level:
Time Commitment:
Cost:
Industry Standards:
Recommendations:
Issuance information and Pricing
Pricing: See https://cpe.gmu.edu/digitalbadgepricing/ for more information.
Estimated Number of Badges Expected to be Issued:
Notes:

All badge requests will be routed to CPE for review and approval. Pl…

• A Mason Digital Credentials Advisory Group may be developed to review

Banner Title:	Geography, BS
Is this a retitling of an existing program?	
Existing Program	
Registrar/OAPI Use Only – SCHEV Status	Approved
Registrar's Office Use Only – Program Start Term	
Registrar/OAPI Use Only – SCHEV Letter	
Registrar/OAPI Use Only – SACSCOC Status	
Concentration(s):	
INTO Major(s):	
Registrar/IRR Use Only – Concentration CIP Code	
College/School:	College of Science
Department / Academic Unit:	Geography & Geoinformation Science
Jointly Owned Program?	No

Participating

| Justification | What: Removing GGS 319 from the course options. |
| | Why: The course is being inactivated. |

Catalog Published Information

Total Credits Required: Total credits: minimum 120

Registrar's Office Use Only - Program Code:

SC-BS-GEOG

Registrar/IRR Use Only – Program CIP Code

Admission Requirements:

Admissions

University-wide admissions policies can be found in the <u>Undergraduate Admissions Policies</u> section of this catalog.

To apply for this program, please complete the <u>George Mason University Admissions Application</u>.

Program-Specific Policies:

Policies

Students must fulfill all <u>Requirements for Bachelor's Degrees</u> including the <u>Mason Core</u>.

<u>GGS 415</u> Seminar in Geographic Thought and Methodology fulfills the writing intensive requirement.

For policies governing all undergraduate programs, see <u>AP.5 Undergraduate Policies</u>.

Degree Requirements:

Students should refer to the <u>Admissions & Policies</u> tab for specific policies related to this program.

Geography

Candidates for the Geography, BS degree must complete the following Core, Breadth and Experience, and Spatial Computing courses with a minimum GPA of 2.00:

Core Courses

GGS 102	Physical Geography (Mason Core)	3-4
or GGS 121	Dynamic Atmosphere and Hydrosphere (Mason Core)	
or GGS 122	Dynamic Geosphere and Ecosphere	
GGS 103	Human Geography (Mason Core)	3
GGS 110	Introduction to Geoinformation Technologies	3
GGS 300	Quantitative Methods for Geographical Analysis	3
GGS 310	Cartographic Design	3

GGS 311	Geographic Information Systems	3
GGS 415	Seminar in Geographic Thought and Methodology 1	3
Total Credits		21-22

1   Fulfills the writing intensive requirement.

Breadth and Experience Courses

Systematic Courses

Select one from the following:		3
GGS 301	Political Geography (Mason Core)	
GGS 302	Global Environmental Hazards	
GGS 303	Geography of Resource Conservation (Mason Core)	
GGS 304	Population Geography (Mason Core)	
GGS 305	Economic Geography	
GGS 306	Urban Geography	
GGS 307	Geographic Approaches for Sustainable Development	
GGS 309	Introduction to Weather and Climate	
GGS 312	Physical Climatology	
GGS 314	Severe and Extreme Weather	
~~GGS 319~~	~~Air Pollution~~	
GGS 321	Biogeography	
GGS 340	Health Geography	
GGS 344	Military Geography	
GGS 357	Urban Planning	

Regional Courses

Select one from the following:		3
GGS 315	Geography of the United States	
GGS 316	Geography of Latin America	
GGS 317	Geography of China (Mason Core)	
GGS 320	Geography of Europe	
GGS 325	Geography of North Africa and the Middle East	
GGS 326	Geography of Eastern Europe and Russia	
GGS 333	Issues in Regional Geography	
GGS 380	Geography of Virginia	

Electives		9
Select 3 credits of GGS courses		
Select 6 credits of upper division GGS courses		
Total Credits		15

Spatial Computing

GGS 366	Spatial Computing	3
or CDS 130	Computing for Scientists	
MATH 113	Analytic Geometry and Calculus I (Mason Core)	4
GGS 379	Remote Sensing	3
Select four courses from the following:		12
GGS 308	Field Mapping Techniques	

GGS 354	Data Analysis and Global Change Detection Techniques
GGS 366	Spatial Computing 2 - only if unused above
GGS 411	Geovisualization
GGS 412	Air Photography Interpretation
GGS 416	Satellite Image Analysis
GGS 422	Drone Remote Sensing
GGS 426	Physical Fundamentals of Remote Sensing
GGS 429	Remote Sensing of the Environment and Earth System
GGS 462	Web-based Geographic Information Systems
GGS 463	RS: GIS Analysis and Application
GGS 470	Special Topics in Geographic Techniques

| Total Credits | 22 |

Retroactive Requirements Updates:

Plan of Study:

Honors Information:

Honors in the Major

To graduate with departmental honors in Geography, students must have a minimum GPA of 3.50 in GGS courses, an overall GPA of 3.50, and complete the following courses each with a grade of 'B+' or above:

GGS 463	RS: GIS Analysis and Application	3
GGS 499	GGS Independent Study 1	3
3 credits of 500-699 level GGS courses 2		3

1 Before registering for this course, students must have identified a topic under the guidance of a full-time faculty member following departmental guidelines.

2 Eligibility for these courses is restricted to students who obtain permission from the undergraduate coordinator or those in the Accelerated Master's program.

Accelerated Description/Dual Degree Description:

**INTO-Mason
Requirements:**

**College
Requirements &
Policies:**

**Department /
Academic Unit
Requirements &
Policies:**

Program Outcomes

Additional Program Information

This information is required by the Office of Accreditation and Program Integrity.

**Courses offered via
distance (if
applicable):**

Indicate whether

What is the primary delivery format for the program?

Face-to-Face Only

Does any portion of this program occur off-campus?

No

Off-campus details:

Are you working with a vendor / other collaborators to offer your program?

No

Please explain:

Related Departments

Could this program prepare students for any type of professional licensure, in Virginia or elsewhere?

No

Please explain:

Are you adding or removing a licensure component?

No

Please explain:

Additional SCHEV & SACSCOC Information

Is the content of the new program closely related to that of an existing approved program at the same instructional level (i.e., baccalaureate, master's, doctoral)?

Which existing approved program(s)?

Is this new program considered to be "advancing the degree level of a currently approved program" (i.e. existing content is at lower degree level, new content is at the higher degree level)?

Which existing approved program(s)?

Is this new program considered to be "lowering the degree level of a currently approved program' (i.e. existing content is at higher degree level, new content is at the lower degree level)?

Which existing approved program(s)?

Is this a re-opening of a program that was closed to admission within the last five years?

Date of Program Closure

What are the methods of delivery for the program?

Does this program include a course/credit-based competency-based education delivery option?

Is this change a simple retitling of an existing program, with no other changes, to any existing program content, curriculum requirements, etc?

No

Does this change represent a repackaging of content in an existing approved degree/certificate program at the same instructional level (i.e., baccalaureate, master's, or doctoral)?

No

Which existing approved program(s)?

Percentage of total credits containing new course content. ("New course content" is defined by SACSCOC as content that is not currently included in an existing approved degree/certificate program at the same instructional level. Do not exclude gen ed credits in calculations for undergraduate programs.)

0%-24%

Does this change include the addition of a distance education or face-to-face method of delivery for this program?

No

What is the new method of delivery?

Does this change include the addition of a course/credit-based competency-based education delivery option?

No

Will any additional equipment/facilities be needed?

No

Description of institutional impact:

Will any additional faculty be required?

No

Description of institutional impact:

Will any additional financial resources be needed?

No

Description of institutional impact:

Additional library/learning resources needed?

No

Description of institutional impact:

OAPI Use Only – Determination of SACSCOC Impact

Comments or Notes

Green Leaf Program Designation

Is this a Green Leaf program?   No

Green Leaf Designation

Sustainability-focused academic programs require at least one green leaf course. Either that course is itself sustainability-focused or else the program requires a set of sustainability-related courses with aggregated

Relationship to Existing Courses

Relationship to Existing Programs

List sustainability-focused courses currently required in the degree

Sustainability-related academic programs either require at least one sustainability-related course or else offer any green leaf course as an option or elective *

List sustainability-related courses currently required in the degree

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Does this program cover material which crosses into another department?

No

Impacted Departments

Additional Attachments

SCHEV Proposal

Executive Summary

Reviewer Comments

Additional Comments

Is this course required of all students in this degree program?

%wi_required.eschtml%

Attached Document   %attach_document.eschtml%

Key: 149