

# GEOGRAPHY, BA

Banner Code: SC-BA-GEOG

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The Geography, BA is designed to offer students the opportunity to study the integrated social and environmental processes that continuously shape and reshape the world we live in. This major provides students with broad training across the core subdisciplines of geography (human, physical, and GIScience), while also offering the requisite flexibility for those students seeking a multidisciplinary educational experience. Students will find numerous opportunities for employment in both the private and public sectors, as well as in academia. Given their interdisciplinary approach and uniquely spatial perspective, geographers are well suited to address important local, regional, and global challenges in today's world.

The Department of Geography and Geoinformation Science (<http://catalog.gmu.edu/colleges-schools/science/geography-geoinformation-science/>) fosters a supportive, active learning environment in which students are encouraged to work closely with both faculty and peers. The curriculum in this major provides students with the synthesis skills and broad base of knowledge that prepares them to be successful in an ever-evolving job market. For students who wish to pursue their interest in geography with a more technical curriculum, the department also offers a Geography, BS (<http://catalog.gmu.edu/colleges-schools/science/geography-geoinformation-science/geography-bs/>).

## Admissions & Policies

### Admissions

University-wide admissions policies can be found in the Undergraduate Admissions Policies (<http://catalog.gmu.edu/admissions/undergraduate-policies/>) section of this catalog.

To apply for this program, please complete the George Mason University Admissions Application (<https://www2.gmu.edu/admissions-aid/apply-now/>).

### Policies

Students must fulfill all Requirements for Bachelor's Degrees (<http://catalog.gmu.edu/policies/academic/undergraduate-policies/#text>) including the Mason Core (<http://catalog.gmu.edu/mason-core/>). As outlined in the Requirements tab, students in this bachelor's program must also complete the additional College Requirements for the BA Degree.

GGs 415 Seminar in Geography fulfills the writing intensive requirement.

For policies governing all undergraduate programs, see AP5 Undergraduate Policies (<http://catalog.gmu.edu/policies/academic/undergraduate-policies/>).

## Requirements

### Degree Requirements

Total credits: minimum 120

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

Candidates for a degree in geography must complete the approved GGS geography courses with a minimum GPA of 2.00.

Students must complete the Core, Systematic and Regional Geography, and GGS electives, then select one concentration or an additional program, and lastly complete the College Requirements for the BA Degree and the Mason Core and Elective Credits.

### Core Courses

Code	Title	Credits
GGs 102	Physical Geography (Mason Core) ( <a href="http://catalog.gmu.edu/mason-core/">http://catalog.gmu.edu/mason-core/</a> )	3-4
or GGs 121	Dynamic Atmosphere and Hydrosphere (Mason Core) ( <a href="http://catalog.gmu.edu/mason-core/">http://catalog.gmu.edu/mason-core/</a> )	
or GGs 122	Dynamic Geosphere and Ecosphere	
GGs 103	Human Geography (Mason Core) ( <a href="http://catalog.gmu.edu/mason-core/">http://catalog.gmu.edu/mason-core/</a> )	3
GGs 110	Introduction to Geoinformation Technologies	3
or GGs 210	Introduction to Spatial Computing	
GGs 300	Quantitative Methods for Geographical Analysis	3
GGs 310	Introduction to Digital Cartography	3
GGs 311	Introduction to Geographic Information Systems	3
GGs 415	Seminar in Geography <sup>1</sup>	3
Total Credits		21-22

<sup>1</sup> Fulfills writing intensive requirement.

### Systematic and Regional Geography

Students must take one systematic course and one regional course from the list below:

Code	Title	Credits
<b>Systematic Courses</b>		
Select one from the following:		3
GGs 301	Political Geography	
GGs 302	Global Environmental Hazards	
GGs 303	Geography of Resource Conservation (Mason Core) ( <a href="http://catalog.gmu.edu/mason-core/">http://catalog.gmu.edu/mason-core/</a> )	
GGs 304	Population Geography (Mason Core) ( <a href="http://catalog.gmu.edu/mason-core/">http://catalog.gmu.edu/mason-core/</a> )	
GGs 305	Economic Geography	
GGs 306	Urban Geography	

GGG 307	Geographic Approaches for Sustainable Development
GGG 309	Meteorology and Climate
GGG 312	Physical Climatology
GGG 314	Severe and Extreme Weather
GGG 319	Air Pollution
GGG 321	Biogeography
GGG 322	Issues in Global Change
GGG 340	Health Geography
GGG 344	Military Geography
GGG 357	Urban Planning
GGG 398	Selected Topics in Global Change
GGG 399	Select Topics in GGS
GGG 456	Introduction to Atmospheric Radiation

**Regional Courses**

Select one from the following:		3
GGG 315	Geography of the United States	
GGG 316	Geography of Latin America	
GGG 317	Geography of China	
GGG 320	Geography of Europe	
GGG 325	Geography of North Africa and the Middle East	
GGG 326	Geography of Eastern Europe and Russia	
GGG 330	Geography of the Soviet Succession States	
GGG 333	Issues in Regional Geography	
GGG 380	Geography of Virginia	
Total Credits		6

**GGS Electives**

Code	Title	Credits
Select 9-10 credits of electives. <sup>1</sup>		9-10
Total Credits		9-10

<sup>1</sup> Two of the three courses must be upper-level GGS courses.

**Environmental Geography Concentration (EGEO)**

The Environmental Geography concentration for the BA in Geography provides a unique opportunity for majors to take a broader, integrative science approach to studies of the environment. In collaboration with the Department of Environmental Science and Policy (<http://catalog.gmu.edu/colleges-schools/science/environmental-policy/>), BA in Geography majors have the opportunity to focus their studies on geographic approaches to climatology and global changes, environmental issues, policy matters, and sustainability topics.

Some courses may have prerequisite requirements:

Code	Title	Credits
<b>Core Courses</b>		
GGG 303	Geography of Resource Conservation (Mason Core) ( <a href="http://catalog.gmu.edu/mason-core/">http://catalog.gmu.edu/mason-core/</a> )	3
EVPP 336 or EVPP 337	Human Dimensions of the Environment Environmental Policy Making in Developing Countries	3

or EVPP 377	Applied Ecology		
<b>Methods Course</b>			
GGG 354	Data Analysis and Global Change Detection Techniques	3	
or GGS 412	Air Photography Interpretation		
<b>Electives</b>			6-7
Select two courses from the following:			
GGG 302	Global Environmental Hazards		
GGG 307	Geographic Approaches for Sustainable Development		
GGG 309	Meteorology and Climate		
GGG 312	Physical Climatology		
GGG 314	Severe and Extreme Weather		
GGG 319	Air Pollution		
GGG 322	Issues in Global Change		
GGG 354	Data Analysis and Global Change Detection Techniques <sup>1</sup>		
GGG 412	Air Photography Interpretation <sup>1</sup>		
EVPP 336	Human Dimensions of the Environment <sup>1</sup>		
EVPP 337	Environmental Policy Making in Developing Countries <sup>1</sup>		
EVPP 361	Introduction to Environmental Policy		
EVPP 362	Intermediate Environmental Policy		
EVPP 377	Applied Ecology <sup>1</sup>		
EVPP 421	Marine Conservation		
EVPP 440	Field Environmental Science		
EVPP 480	Sustainability in Action (Mason Core) ( <a href="http://catalog.gmu.edu/mason-core/">http://catalog.gmu.edu/mason-core/</a> )		
GEOL 305	Environmental Geology		
Total Credits			15-16

<sup>1</sup> Course cannot be selected if previously selected as a core or methods course.

**Health Geography Concentration (HGEO)**

The field of Health Geography addresses the role of place, location dynamics and geography in health, well-being, and disease. Public health patterns can vary significantly by physical and social characteristics of places both within and between regions, states, or countries. In collaboration with the Department of Global and Community Health (<http://catalog.gmu.edu/colleges-schools/health-human-services/global-community-health/>), BA in Geography majors get introduced to local and global health issues and develop their skill set in spatial and statistical analysis of diverse health outcomes in populations.

Some courses may have prerequisite requirements:

Code	Title	Credits
<b>Core Courses</b>		
GGG 340	Health Geography	3
GCH 300	Introduction to Public Health	3
<b>Electives</b>		
Select 9 credits from the following courses. Choose at least one GGS elective and at least one GCH elective:		9
GGG 302	Global Environmental Hazards	

GGG 303	Geography of Resource Conservation (Mason Core) ( <a href="http://catalog.gmu.edu/mason-core/">http://catalog.gmu.edu/mason-core/</a> )
GGG 304	Population Geography (Mason Core) ( <a href="http://catalog.gmu.edu/mason-core/">http://catalog.gmu.edu/mason-core/</a> )
GGG 306	Urban Geography
GGG 319	Air Pollution
GGG 321	Biogeography
GGG 322	Issues in Global Change
GGG 354	Data Analysis and Global Change Detection Techniques
GGG 463	RS: Applied Geographic Information Systems
GCH 205	Global Health (Mason Core) ( <a href="http://catalog.gmu.edu/mason-core/">http://catalog.gmu.edu/mason-core/</a> )
GCH 332	Health and Disease
GCH 360	Health and Environment
GCH 412	Fundamentals of Epidemiology
GCH 445	Social Determinants of Health
GCH 450	Culture, Sexuality and the Global AIDS Epidemic
<b>Total Credits</b>	<b>15</b>

## Geoanthropology Concentration (GEA)

Anthropology, a social science, focuses on human activities—past, present, and future. Geography, positioned in the social science and STEM field, studies the physical features of the Earth and its atmosphere, and human activities as they affect and are affected by these, including the distribution of populations and resources, land use, urbanization and other topics. Just as anthropologists use insights from other disciplines to understand humans, geographers cross disciplinary boundaries to collect, store, analyze, model and visualize data. Such broad and inclusive disciplines and definitions yield a large number of possible themes in Geoanthropology. This concentration enables BA in Geography majors, versed in systematic techniques and regional geography, to become better versed in the theoretical constructs of anthropology that situate the environment as part of a global cultural system.

Code	Title	Credits
<b>Core Courses</b>		
GGG 304	Population Geography (Mason Core) ( <a href="http://catalog.gmu.edu/mason-core/">http://catalog.gmu.edu/mason-core/</a> )	3
<b>Select one core track:</b>		3
<b>Cultural Track</b>		
ANTH 114	Introduction to Cultural Anthropology (Mason Core) ( <a href="http://catalog.gmu.edu/mason-core/">http://catalog.gmu.edu/mason-core/</a> )	
<b>Archaeology Track</b>		
ANTH 120	Unearthing the Past: Prehistory, Culture and Evolution (Mason Core) ( <a href="http://catalog.gmu.edu/mason-core/">http://catalog.gmu.edu/mason-core/</a> )	
<b>Biological Track</b>		
ANTH 135	Introduction to Biological Anthropology	
<b>Electives</b>		
Select 9 credits from the following courses. Choose at least one GGS elective and at least one ANTH elective: <sup>1</sup>		9
GGG 301	Political Geography	

GGG 305	Economic Geography
GGG 306	Urban Geography
GGG 307	Geographic Approaches for Sustainable Development
GGG 309	Meteorology and Climate
GGG 319	Air Pollution
GGG 321	Biogeography
GGG 322	Issues in Global Change
GGG 357	Urban Planning
GGG 315	Geography of the United States
GGG 316	Geography of Latin America
GGG 320	Geography of Europe
GGG 325	Geography of North Africa and the Middle East
GGG 330	Geography of the Soviet Succession States
GGG 333	Issues in Regional Geography
GGG 380	Geography of Virginia
<b>Cultural Track</b>	
ANTH 302	Peoples and Cultures of Latin America (Mason Core) ( <a href="http://catalog.gmu.edu/mason-core/">http://catalog.gmu.edu/mason-core/</a> )
ANTH 308	Peoples and Cultures of the Middle East (Mason Core) ( <a href="http://catalog.gmu.edu/mason-core/">http://catalog.gmu.edu/mason-core/</a> )
ANTH 309	Peoples and Cultures of India (Mason Core) ( <a href="http://catalog.gmu.edu/mason-core/">http://catalog.gmu.edu/mason-core/</a> )
ANTH 376	Food and Culture
ANTH 381	Medical Anthropology
ANTH 382	Urban Anthropology (Mason Core) ( <a href="http://catalog.gmu.edu/mason-core/">http://catalog.gmu.edu/mason-core/</a> )
ANTH 396	Issues in Anthropology: Social Sciences (Mason Core) ( <a href="http://catalog.gmu.edu/mason-core/">http://catalog.gmu.edu/mason-core/</a> ) (Cultural Topic)
ANTH 499	Independent Research (Cultural Topic)
<b>Archaeology Track</b>	
ANTH 307	Ancient Mesoamerica (Mason Core) ( <a href="http://catalog.gmu.edu/mason-core/">http://catalog.gmu.edu/mason-core/</a> )
ANTH 325	Field Techniques in Archaeology
ANTH 357	Bioarchaeology
ANTH 370	Environment and Culture
ANTH 377	Mortuary Archaeology
ANTH 379	Andean Archaeology
ANTH 396	Issues in Anthropology: Social Sciences (Mason Core) ( <a href="http://catalog.gmu.edu/mason-core/">http://catalog.gmu.edu/mason-core/</a> ) (Archaeological Topic)
ANTH 499	Independent Research (Archaeological Topic)
<b>Biological Track</b>	
ANTH 355	Human Origins
ANTH 357	Bioarchaeology
ANTH 366	Food and Human Evolution

ANTH 396	Issues in Anthropology: Social Sciences (Mason Core) ( <a href="http://catalog.gmu.edu/mason-core/">http://catalog.gmu.edu/mason-core/</a> ) (Biological Topic)	
ANTH 499	Independent Research (Biological Topic)	
Total Credits		15

<sup>1</sup> Students must select ANTH electives that are associated with the chosen core course track (Cultural, Archaeology, or Biology).

## Additional Program

Students who are not selecting a concentration may choose 15 or more credits consisting of an established minor, concentration, second major, or other coherent selection of courses approved by the advisor and the department chair.

Code	Title	Credits
Select 15 or more credits as outlined above.		15
Total Credits		15

## Mason Core and Elective Credits

In order to meet a minimum of 120 credits, this degree requires an additional credits (specific credit counts by concentration are shown below), which may be applied toward any remaining Mason Core (<http://catalog.gmu.edu/mason-core/>) requirements (outlined below), Requirements for Bachelor's Degrees (<http://catalog.gmu.edu/policies/academic/undergraduate-policies/#ap-5-3-2>), College Requirements for the BA Degree (outlined below), and electives. Students are strongly encouraged to consult with their advisors to ensure that they fulfill all requirements.

- EGEO Concentration: 66-69 credits
- HGEO Concentration: 66-67 credits
- GEA Concentration: 66-67 credits

## Mason Core

Some Mason Core (<http://catalog.gmu.edu/mason-core/>) requirements may already be fulfilled by the major requirements listed above. Students are strongly encouraged to consult their advisors to ensure they fulfill all remaining Mason Core (<http://catalog.gmu.edu/mason-core/>) requirements.

Code	Title	Credits
<b>Foundation Requirements</b>		
Written Communication (ENGH 101) ( <a href="http://catalog.gmu.edu/mason-core/#written">http://catalog.gmu.edu/mason-core/#written</a> )		3
Oral Communication ( <a href="http://catalog.gmu.edu/mason-core/#oral">http://catalog.gmu.edu/mason-core/#oral</a> )		3
Quantitative Reasoning ( <a href="http://catalog.gmu.edu/mason-core/#quantitative">http://catalog.gmu.edu/mason-core/#quantitative</a> )		3
Information Technology and Computing ( <a href="http://catalog.gmu.edu/mason-core/#information-technology">http://catalog.gmu.edu/mason-core/#information-technology</a> )		3
<b>Exploration Requirements</b>		
Arts ( <a href="http://catalog.gmu.edu/mason-core/#arts">http://catalog.gmu.edu/mason-core/#arts</a> )		3
Global Understanding ( <a href="http://catalog.gmu.edu/mason-core/#global">http://catalog.gmu.edu/mason-core/#global</a> )		3
Literature ( <a href="http://catalog.gmu.edu/mason-core/#literature">http://catalog.gmu.edu/mason-core/#literature</a> )		3
Natural Science ( <a href="http://catalog.gmu.edu/mason-core/#natural-science">http://catalog.gmu.edu/mason-core/#natural-science</a> )		7

Social and Behavioral Sciences ( <a href="http://catalog.gmu.edu/mason-core/#social-behavioral-science">http://catalog.gmu.edu/mason-core/#social-behavioral-science</a> )	3
Western Civilization/World History ( <a href="http://catalog.gmu.edu/mason-core/#western-civilization-world-history">http://catalog.gmu.edu/mason-core/#western-civilization-world-history</a> )	3

## Integration Requirements

Written Communications (ENGH 302) ( <a href="http://catalog.gmu.edu/mason-core/#written">http://catalog.gmu.edu/mason-core/#written</a> )	3
Writing-Intensive ( <a href="http://catalog.gmu.edu/mason-core/#wi">http://catalog.gmu.edu/mason-core/#wi</a> ) <sup>1</sup>	3
Synthesis/Capstone ( <a href="http://catalog.gmu.edu/mason-core/#synthesis-capstone">http://catalog.gmu.edu/mason-core/#synthesis-capstone</a> ) <sup>2</sup>	3
Total Credits	40

<sup>1</sup> Most programs include the writing-intensive course designated for the major as part of the major requirements; this course is therefore not counted towards the total required for Mason Core.

<sup>2</sup> Minimum 3 credits required.

## College Requirements for the BA Degree

In addition to the program requirements and the Mason Core (<http://catalog.gmu.edu/mason-core/>) requirements, students pursuing a BA degree must complete the coursework below. Except where expressly prohibited, a course used to fulfill this college-level requirement may also be used simultaneously to satisfy other requirements such as Mason Core (<http://catalog.gmu.edu/mason-core/>) requirements, other college-level requirements, or requirements for the major. In some cases, the requirements listed below may be superseded by requirements of the degree program and the Mason Core (<http://catalog.gmu.edu/mason-core/>).

## Philosophy or Religious Studies

Code	Title	Credits
Select 3 credits from the following:		3
PHIL ( <a href="http://catalog.gmu.edu/courses/phil/">http://catalog.gmu.edu/courses/phil/</a> ) <sup>1</sup>		
RELI ( <a href="http://catalog.gmu.edu/courses/reli/">http://catalog.gmu.edu/courses/reli/</a> )		

<sup>1</sup> PHIL 323 Classical Western Political Theory and PHIL 324 Modern Western Political Theory may not be used to fulfill this requirement.

## Social and Behavioral Sciences

Choose one approved Mason Core: Social and Behavioral Sciences (<http://catalog.gmu.edu/mason-core/#social-behavioral-science>) course in addition to the Mason Core (<http://catalog.gmu.edu/mason-core/>)-required course for a total of 6 credits. The two courses used to fulfill the combined college-level and university requirements must be from different disciplines.

This requirement may be fulfilled by completing any course in ANTH (<http://catalog.gmu.edu/courses/anth/>), CRIM (<http://catalog.gmu.edu/courses/crim/>), ECON (<http://catalog.gmu.edu/courses/econ/>), GOVT (<http://catalog.gmu.edu/courses/govt/>), HIST (<http://catalog.gmu.edu/courses/hist/>)<sup>1</sup>, LING (<http://catalog.gmu.edu/courses/ling/>), PSYC (<http://catalog.gmu.edu/courses/psyc/>), or SOCI (<http://catalog.gmu.edu/courses/soci/>), and the following GGS (<http://catalog.gmu.edu/courses/ggs/>)courses:

Code	Title	Credits
Select any course from the disciplines above or select from the following GGS courses:		3
GGG 101	Major World Regions (Mason Core) ( <a href="http://catalog.gmu.edu/mason-core/">http://catalog.gmu.edu/mason-core/</a> )	

GGG 103	Human Geography (Mason Core) ( <a href="http://catalog.gmu.edu/mason-core/">http://catalog.gmu.edu/mason-core/</a> )
GGG 110	Introduction to Geoinformation Technologies
GGG 301	Political Geography
GGG 303	Geography of Resource Conservation (Mason Core) ( <a href="http://catalog.gmu.edu/mason-core/">http://catalog.gmu.edu/mason-core/</a> )
GGG 304	Population Geography (Mason Core) ( <a href="http://catalog.gmu.edu/mason-core/">http://catalog.gmu.edu/mason-core/</a> )
GGG 305	Economic Geography
GGG 306	Urban Geography
GGG 315	Geography of the United States
GGG 316	Geography of Latin America
GGG 320	Geography of Europe
GGG 325	Geography of North Africa and the Middle East
GGG 330	Geography of the Soviet Succession States
GGG 357	Urban Planning
GGG 380	Geography of Virginia

Total Credits 3

<sup>1</sup> HIST 100 History of Western Civilization (Mason Core) (<http://catalog.gmu.edu/mason-core/>) and HIST 125 Introduction to World History (Mason Core) (<http://catalog.gmu.edu/mason-core/>) may not be used to fulfill this requirement.

**Natural Science**

Choose one credit in addition to the Mason Core: Natural Science (<http://catalog.gmu.edu/mason-core/#natural-science>) requirement for a total of 8 credits. This combined college-level and university requirement must be fulfilled by completing two of any approved Mason Core: Natural Science (<http://catalog.gmu.edu/mason-core/#natural-science>) courses that include a laboratory experience<sup>1</sup>.

Code	Title	Credits
Select an additional Mason Core Natural Science course		1

<sup>1</sup> BIOL 124 Human Anatomy and Physiology and BIOL 125 Human Anatomy and Physiology may not be used to fulfill this requirement.

**Foreign Language**

Intermediate-level proficiency in one foreign language is required<sup>1</sup>. This requirement may be fulfilled by completing a course in a foreign language numbered 202, 209, or 210 (or higher-level courses taught in the language).

Code	Title	Credits
Select a foreign language course numbered 202, 209, 210, or higher if a waiver isn't applicable		0-3

<sup>1</sup> Students may be eligible for a waiver of this requirement if they are already proficient in a second language or if they have received a satisfactory score on an approved proficiency test. Additional information on waivers can be found via the college's Office of Academic and Student Affairs (<https://cos.gmu.edu/uaa/>).

**Non-Western Culture**

Choose one approved Non-Western Culture Requirement<sup>1</sup> course in addition to the course used to fulfill the Mason Core: Global Understanding (<http://catalog.gmu.edu/mason-core/#global>) requirement. A course used to fulfill the Mason Core: Global Understanding (<http://catalog.gmu.edu/mason-core/#global>) requirement may not be simultaneously used to satisfy this college-level requirement. However, a course used to fulfill this requirement may be used simultaneously to fulfill any *other* requirements (Mason Core (<http://catalog.gmu.edu/mason-core/>) requirements, college-level requirements, or requirements for the major).

Code	Title	Credits
Select 3 credits from approved Non-Western Culture courses if a waiver isn't applicable:		0-3
ANTH 114	Introduction to Cultural Anthropology (Mason Core) ( <a href="http://catalog.gmu.edu/mason-core/">http://catalog.gmu.edu/mason-core/</a> )	3
ANTH 300	Civilizations	3
ANTH 302	Peoples and Cultures of Latin America (Mason Core) ( <a href="http://catalog.gmu.edu/mason-core/">http://catalog.gmu.edu/mason-core/</a> )	3
ANTH 307	Ancient Mesoamerica (Mason Core) ( <a href="http://catalog.gmu.edu/mason-core/">http://catalog.gmu.edu/mason-core/</a> )	3
ANTH 308	Peoples and Cultures of the Middle East (Mason Core) ( <a href="http://catalog.gmu.edu/mason-core/">http://catalog.gmu.edu/mason-core/</a> )	3
ANTH 309	Peoples and Cultures of India (Mason Core) ( <a href="http://catalog.gmu.edu/mason-core/">http://catalog.gmu.edu/mason-core/</a> )	3
ANTH 313	Myth, Magic, and Mind (Mason Core) ( <a href="http://catalog.gmu.edu/mason-core/">http://catalog.gmu.edu/mason-core/</a> )	3
ANTH 314	Zombies	3
ANTH 330	Peoples and Cultures of Selected Regions: Non-Western	3
ANTH 332	Cross-Cultural Perspectives on Globalization (Mason Core) ( <a href="http://catalog.gmu.edu/mason-core/">http://catalog.gmu.edu/mason-core/</a> )	3
ANTH 381	Medical Anthropology	3
ANTH 396	Issues in Anthropology: Social Sciences (Mason Core) ( <a href="http://catalog.gmu.edu/mason-core/">http://catalog.gmu.edu/mason-core/</a> )	3
ARAB 360	Topics in Arabic Cultural Production	3
ARAB 420	Survey of Arabic Literature	3
ARAB 440	Topics in Arabic Religious Thought and Texts (Mason Core) ( <a href="http://catalog.gmu.edu/mason-core/">http://catalog.gmu.edu/mason-core/</a> )	3
ARTH 203	Survey of Asian Art (Mason Core) ( <a href="http://catalog.gmu.edu/mason-core/">http://catalog.gmu.edu/mason-core/</a> )	3
ARTH 204	Survey of Latin American Art (Mason Core) ( <a href="http://catalog.gmu.edu/mason-core/">http://catalog.gmu.edu/mason-core/</a> )	3
ARTH 206	Survey of African Art (Mason Core) ( <a href="http://catalog.gmu.edu/mason-core/">http://catalog.gmu.edu/mason-core/</a> )	3
ARTH 318	Art and Archaeology of Ancient Egypt	3
ARTH 319	Art and Archaeology of the Ancient Near East (Mason Core) ( <a href="http://catalog.gmu.edu/mason-core/">http://catalog.gmu.edu/mason-core/</a> )	3

ARTH 320	Art of the Islamic World (Mason Core) ( <a href="http://catalog.gmu.edu/mason-core/">http://catalog.gmu.edu/mason-core/</a> )	3	HIST 261	Survey of African History (Mason Core) ( <a href="http://catalog.gmu.edu/mason-core/">http://catalog.gmu.edu/mason-core/</a> )	3
ARTH 382	Arts of India (Mason Core) ( <a href="http://catalog.gmu.edu/mason-core/">http://catalog.gmu.edu/mason-core/</a> )	3	HIST 262	Survey of African History (Mason Core) ( <a href="http://catalog.gmu.edu/mason-core/">http://catalog.gmu.edu/mason-core/</a> )	3
ARTH 383	Arts of Southeast Asia (Mason Core) ( <a href="http://catalog.gmu.edu/mason-core/">http://catalog.gmu.edu/mason-core/</a> )	3	HIST 271	Survey of Latin American History (Mason Core) ( <a href="http://catalog.gmu.edu/mason-core/">http://catalog.gmu.edu/mason-core/</a> )	3
ARTH 384	Arts of China (Mason Core) ( <a href="http://catalog.gmu.edu/mason-core/">http://catalog.gmu.edu/mason-core/</a> )	3	HIST 272	Survey of Latin American History (Mason Core) ( <a href="http://catalog.gmu.edu/mason-core/">http://catalog.gmu.edu/mason-core/</a> )	3
ARTH 385	Arts of Japan (Mason Core) ( <a href="http://catalog.gmu.edu/mason-core/">http://catalog.gmu.edu/mason-core/</a> )	3	HIST 281	Survey of Middle Eastern Civilization (Mason Core) ( <a href="http://catalog.gmu.edu/mason-core/">http://catalog.gmu.edu/mason-core/</a> )	3
ARTH 386	The Silk Road (Mason Core) ( <a href="http://catalog.gmu.edu/mason-core/">http://catalog.gmu.edu/mason-core/</a> )	3	HIST 282	Survey of Middle Eastern Civilization (Mason Core) ( <a href="http://catalog.gmu.edu/mason-core/">http://catalog.gmu.edu/mason-core/</a> )	3
ARTH 482	RS: Advanced Studies in Asian Art	3	HIST 326	Stalinism	3
CHIN 318	Introduction to Classical Chinese (Mason Core) ( <a href="http://catalog.gmu.edu/mason-core/">http://catalog.gmu.edu/mason-core/</a> )	3	HIST 327	The Soviet Union and Russia Since World War II	3
CHIN 320	Contemporary Chinese Film	3	HIST 328	Rise of Russia (Mason Core) ( <a href="http://catalog.gmu.edu/mason-core/">http://catalog.gmu.edu/mason-core/</a> )	3
CHIN 325	Major Chinese Writers (Mason Core) ( <a href="http://catalog.gmu.edu/mason-core/">http://catalog.gmu.edu/mason-core/</a> )	3	HIST 329	Modern Russia and the Soviet Union (Mason Core) ( <a href="http://catalog.gmu.edu/mason-core/">http://catalog.gmu.edu/mason-core/</a> )	3
CHIN 470	Special Topics in Chinese Studies	3	HIST 353	History of Traditional China	3
DANC 118	World Dance (Mason Core) ( <a href="http://catalog.gmu.edu/mason-core/">http://catalog.gmu.edu/mason-core/</a> )	3	HIST 354	Modern China (Mason Core) ( <a href="http://catalog.gmu.edu/mason-core/">http://catalog.gmu.edu/mason-core/</a> )	3
ECON 361	Economic Development of Latin America (Mason Core) ( <a href="http://catalog.gmu.edu/mason-core/">http://catalog.gmu.edu/mason-core/</a> )	3	HIST 356	Modern Japan (Mason Core) ( <a href="http://catalog.gmu.edu/mason-core/">http://catalog.gmu.edu/mason-core/</a> )	3
ECON 362	African Economic Development (Mason Core) ( <a href="http://catalog.gmu.edu/mason-core/">http://catalog.gmu.edu/mason-core/</a> )	3	HIST 357	Postwar Japan (Mason Core) ( <a href="http://catalog.gmu.edu/mason-core/">http://catalog.gmu.edu/mason-core/</a> )	3
FREN 451	Topics in Sub-Saharan Francophone Literature and Culture	3	HIST 358	Post-1949 China (Mason Core) ( <a href="http://catalog.gmu.edu/mason-core/">http://catalog.gmu.edu/mason-core/</a> )	3
FREN 454	Topics in Caribbean Francophone Literature and Culture	3	HIST 360	History of South Africa (Mason Core) ( <a href="http://catalog.gmu.edu/mason-core/">http://catalog.gmu.edu/mason-core/</a> )	3
GGG 101	Major World Regions (Mason Core) ( <a href="http://catalog.gmu.edu/mason-core/">http://catalog.gmu.edu/mason-core/</a> )	3	HIST 364	Revolution and Radical Politics in Latin America (Mason Core) ( <a href="http://catalog.gmu.edu/mason-core/">http://catalog.gmu.edu/mason-core/</a> )	3
GGG 316	Geography of Latin America	3	HIST 365	Conquest and Colonization in Latin America (Mason Core) ( <a href="http://catalog.gmu.edu/mason-core/">http://catalog.gmu.edu/mason-core/</a> )	3
GGG 325	Geography of North Africa and the Middle East	3	HIST 366	Comparative Slavery	3
GGG 330	Geography of the Soviet Succession States	3	HIST 367	History, Fiction, and Film in Latin America	3
GGG 399	Select Topics in GGS	3	HIST 387	Topics in Global History (Mason Core) ( <a href="http://catalog.gmu.edu/mason-core/">http://catalog.gmu.edu/mason-core/</a> )	3-6
GOVT 328	Global Political Theory	3	HIST 426	The Russian Revolution	3
GOVT 332	Government and Politics of the Middle East and North Africa	3	HIST 460	Modern Iran (Mason Core) ( <a href="http://catalog.gmu.edu/mason-core/">http://catalog.gmu.edu/mason-core/</a> )	3
GOVT 333	Government and Politics of Asia	3	HIST 461	Arab-Israeli Conflict	3
GOVT 338	Government and Politics of Russia	3	HIST 462	Women in Islamic Society (Mason Core) ( <a href="http://catalog.gmu.edu/mason-core/">http://catalog.gmu.edu/mason-core/</a> )	3
GOVT 340	Central Asian Politics	3	HIST 465	The Middle East in the 20th Century	3
GOVT 341	Chinese Foreign Policy	3	JAPA 310	Japanese Culture in a Global World (Mason Core) ( <a href="http://catalog.gmu.edu/mason-core/">http://catalog.gmu.edu/mason-core/</a> )	3
GOVT 345	Islam and Politics	3			
GOVT 433	Political Economy of East Asia	3			
HIST 251	Survey of East Asian History (Mason Core) ( <a href="http://catalog.gmu.edu/mason-core/">http://catalog.gmu.edu/mason-core/</a> )	3			
HIST 252	Survey of East Asian History (Mason Core) ( <a href="http://catalog.gmu.edu/mason-core/">http://catalog.gmu.edu/mason-core/</a> )	3			

JAPA 340	Topics in Japanese Literature (Mason Core) ( <a href="http://catalog.gmu.edu/mason-core/">http://catalog.gmu.edu/mason-core/</a> )	3
KORE 320	Korean Popular Culture in a Global World	3
MUSI 103	Musics of the World (Mason Core) ( <a href="http://catalog.gmu.edu/mason-core/">http://catalog.gmu.edu/mason-core/</a> )	3
RELI 211	Religions of the West (Mason Core) ( <a href="http://catalog.gmu.edu/mason-core/">http://catalog.gmu.edu/mason-core/</a> )	3
RELI 212	Religions of Asia	3
RELI 240	Death and the Afterlife in World Religions	3
RELI 272	Islam	3
RELI 313	Hinduism (Mason Core) ( <a href="http://catalog.gmu.edu/mason-core/">http://catalog.gmu.edu/mason-core/</a> )	3
RELI 314	Chinese Philosophies and Religious Traditions	3
RELI 315	Buddhism (Mason Core) ( <a href="http://catalog.gmu.edu/mason-core/">http://catalog.gmu.edu/mason-core/</a> )	3
RELI 337	Mysticism: East and West	3
RELI 365	Muhammad: Life and Legacy	3
RELI 374	Islamic Thought (Mason Core) ( <a href="http://catalog.gmu.edu/mason-core/">http://catalog.gmu.edu/mason-core/</a> )	3
RELI 375	Qur'an and Hadith	3
RELI 379	Islamic Law, Society, and Ethics	3
RELI 387	Islam, Democracy, and Human Rights	3
RELI 490	Comparative Study of Religions (Mason Core) ( <a href="http://catalog.gmu.edu/mason-core/">http://catalog.gmu.edu/mason-core/</a> )	3
RUSS 353	Russian Civilization (Mason Core) ( <a href="http://catalog.gmu.edu/mason-core/">http://catalog.gmu.edu/mason-core/</a> )	3
RUSS 354	Contemporary Post-Soviet Life (Mason Core) ( <a href="http://catalog.gmu.edu/mason-core/">http://catalog.gmu.edu/mason-core/</a> )	3

<sup>1</sup> Students who can document attendance at a native school in a non-western country for at least four years may request a waiver from this requirement through the CHSS Undergraduate Academic Affairs Office (<http://chssundergrad.gmu.edu/>).

## Accelerated Master's

# Geography, BA/Geographic and Cartographic Sciences, Accelerated 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, BA and the Geographic and Cartographic Sciences, MS (<https://catalog.gmu.edu/colleges-schools/science/geography-geoinformation-science/geographic-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.

3 Students in this accelerated degree program must fulfill all university requirements for the Geography, BA and the Geographic and Cartographic Sciences, MS (<https://catalog.gmu.edu/colleges-schools/science/geography-geoinformation-science/geographic-cartographic-sciences-ms/>). While the information below is largely comprehensive, students are strongly encouraged to also review AP.6.7 Bachelor's/Accelerated Master's Degrees (<http://catalog.gmu.edu/policies/academic/graduate-policies/#ap-6-7>).

## Application Requirements

Students with an overall GPA of at least 3.0 may apply for provisional acceptance into this accelerated master's program after completing 75-100 undergraduate credits. Additionally, students must have completed the following courses with a combined GPA of 3.0 or better: GGS 300 Quantitative Methods for Geographical Analysis, GGS 311 Introduction to Geographic Information Systems, and any one upper level GGS course.

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 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 B in each course. They must maintain a minimum GPA of 3.0 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.

## Accelerated Option 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 B 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 Credit

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.

## **Geography, BA/Geoinformatics and Geospatial Intelligence, Accelerated MS Overview**

Offered by the Department of Geography and Geoinformation Sciences (GGS) (<http://catalog.gmu.edu/colleges-schools/science/geography-geoinformation-science/>) in the College of Science (<http://catalog.gmu.edu/colleges-schools/science/>), this bachelor's/accelerated master's degree program enables highly qualified undergraduates to obtain the Geography, B (<http://catalog.gmu.edu/colleges-schools/science/geography-geoinformation-science/geography-bs/>)A (<https://catalog.gmu.edu/colleges-schools/science/geography-geoinformation-science/geography-ba/>) and the Geoinformatics and Geospatial Intelligence, MS (<http://catalog.gmu.edu/colleges-schools/science/geography-geoinformation-science/geoinformatics-geospatial-intelligence-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 147 credit program prepares students for professional careers where geoinformation management, geographic analysis, and geointelligence and geovisualization are of importance.

Students in this accelerated degree program must fulfill all university requirements for the Geography, BA (<https://catalog.gmu.edu/colleges-schools/science/geography-geoinformation-science/geography-ba/>) and the Geoinformatics and Geospatial Intelligence, MS (<http://catalog.gmu.edu/colleges-schools/science/geography-geoinformation-science/geoinformatics-geospatial-intelligence-ms/>). While the information below is largely comprehensive, students are strongly encouraged to also review AP.6.7 Bachelor's/Accelerated Master's Degrees (<http://catalog.gmu.edu/policies/academic/graduate-policies/#ap-6-7>).

### **Application Requirements**

Students with an overall GPA of at least 3.0 may apply for provisional acceptance into this accelerated master's program after completing 75-100 undergraduate credits. Additionally, students must have completed the following courses with a combined GPA of 3.0 or better: GGS 300 Quantitative Methods for Geographical Analysis, GGS 311 Introduction to Geographic Information Systems, and any one upper level GGS-prefixed course.

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 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 B in each course. They must maintain a minimum GPA of 3.0 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.

### **Accelerated Option 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 B in these classes, they are granted advanced standing in the master's program and must then complete 27 additional credits to receive the master's degree. All other master's degree requirements must be met.

### **Reserve Graduate Credit**

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 21 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.