

# GEOGRAPHY, BACHELOR OF SCIENCE (BS) - CONCENTRATION IN GLOBAL STUDIES

The global studies program offers students an interdisciplinary perspective on our globalized world. Students in this program gain an understanding of the basic physical, cultural, economic, and political forces that shape our world, as well as in-depth exploration of particular places and regions of importance. Global studies majors learn to think cross-culturally about the major problems facing our world, and prepare for careers with an international focus.

The global studies program provides students with a base in liberal arts skills (critical thinking, writing, and speaking) and in analytical skills such as data collection in the field, in the library, and on the computer; the use of global positioning systems; the use of mapping, spreadsheet, and database software. Many of our students have found work that allow them to address important environmental and social issues in the private or public sector. Representative employment areas for our graduates include environmental consulting, pollution remediation, environmental law or public policy, outdoor education, resource management, geographic information systems analysis, nonprofit environmental organizations, and planning.

## Program Learning Outcomes

- **Outcome 1 (GES):** Each graduate shall develop general knowledge and understanding of the concepts of location, place, human environment interactions, movement, and region.
  - Each graduate will demonstrate an understanding of physical features and patterns of the physical environment
  - Each graduate will demonstrate an understanding of features and patterns of the human environment
  - Each graduate will demonstrate an understanding of concepts such as absolute and relative location, proximity, separation, direction, region, hierarchy, density, and dispersion, and methods that are used to describe and analyze spatial patterns
  - Each graduate will demonstrate an understanding of absolute location systems such as latitude-longitude and alpha-numeric grids
  - Each graduate will demonstrate an understanding of major spatial features and patterns in the natural environment such as those relating to climate, oceans, soils, landforms, and vegetation
  - Each graduate will demonstrate an understanding of the major processes, such as evolution, atmospheric circulation, weathering and erosion, ocean currents, plate tectonics, and volcanism that shape patterns in the natural environment.
  - Each graduate will demonstrate an understanding of the major spatial features and patterns in the cultural environment such as language, religion, and agriculture and economic, political, and demographic regions
  - Each graduate will demonstrate an understanding of the major processes such as settlement, migration, trade, technological development, diffusion, and landscape transformation that shape cultural patterns

## Geology, Geology, and the Environment, Overall

- **Outcome 1:** Each graduate will develop strong written and oral communication skills, demonstrate the ability to work in a collaborative environment, and exhibit professional attitudes and behavior.
  - Each graduate will deliver oral presentations, demonstrating the ability to effectively communicate discipline-specific concepts
  - Each graduate will write scholarly papers using acceptable format and organization with proper citations to appropriate literature.
  - Each graduate will actively participate in collaborative projects and in academic field trips
  - Each graduate will demonstrate professionalism and integrity in his/her academic conduct
  - Each graduate shall develop the ability to respect and integrate diverse worldviews in problem-solving frameworks
- **Outcome 2:** Each graduate shall possess and apply critical thinking and problem solving skills.
  - Each graduate will demonstrate the ability to develop valid research questions and hypotheses
  - Each graduate will demonstrate the ability to apply proper techniques for data acquisition and interpretation in a problem-solving context
  - Each graduate will demonstrate the ability to solve open-ended problems using scientific methodology
  - Each graduate will develop the ability to make informed, scientifically-based decisions regarding environmental issues
- **Outcome 3:** Each graduate shall develop skills in quantitative, qualitative, technological, laboratory, and field procedures.
  - Each graduate will learn and employ accepted laboratory and field techniques, protocols, and safety procedures
  - Each graduate will learn to read, construct, and comprehend thematic maps and derive perspective output from a map
  - Each graduate will demonstrate the ability to apply knowledge, concepts and techniques from complementary disciplines to solve problems

## Related Links

Geography - Global Studies, BS Program Page (<https://www.sru.edu/academics/majors-and-minors/geography-global-studies/>)

Professional Licensure/Certification Page (<https://www.sru.edu/students/student-consumer-information/professional-licensure/>)

## Curriculum Guide

### GPA Requirement

Major GPA: 2.0 or higher  
Overall GPA: 2.0 or higher

### Summary\*

Code	Title	Hours
	Rock Studies 2 Requirements	42-44
	Other Basic Requirements	0-3
	Major Requirements	50-52
	Electives	28

\* All undergraduate degree programs require a minimum of 120 credits. Some courses meet multiple requirements, but are only counted once toward the 120 credit total required to graduate.

## Rock Studies 2 Requirements

Code	Title	Hours
<b>The Rock</b>		
SUBJ 139	Foundations of Academic Discovery <sup>1</sup>	3
ENGL 102	Critical Writing	3
ENGL 104	Critical Reading	3
STAT 152	Elementary Statistics I	3
Select one of the following:		3
COMM 200	Civil Discourse: Theory & Practice	
PHIL 110	Ethics and Civil Discourse	
POLS 235	Civil Discourse and Democracy	
Subtotal		15
<b>Integrated Inquiry</b>		
<i>Creative and Aesthetic Inquiry</i>		
Select 3 Credits ( <a href="https://catalog.sru.edu/undergraduate/rock-studies/rock-studies-program/">https://catalog.sru.edu/undergraduate/rock-studies/rock-studies-program/</a> )		3
<i>Humanities Inquiry</i>		
Select 3 Credits ( <a href="https://catalog.sru.edu/undergraduate/rock-studies/rock-studies-program/">https://catalog.sru.edu/undergraduate/rock-studies/rock-studies-program/</a> )		3
<i>Social Science Inquiry</i>		
Select 3 Credits ( <a href="https://catalog.sru.edu/undergraduate/rock-studies/rock-studies-program/">https://catalog.sru.edu/undergraduate/rock-studies/rock-studies-program/</a> )		3
<i>Natural Sciences Inquiry</i>		
Select one of the following:		3-4
SCI 101	Science of Life	
CHEM 1XX	Any CHEM 100-Level w/ Lab	
BIOL 1XX	Any BIOL 100-Level w/ Lab	
<i>Physical Sciences Inquiry</i>		
Select one of the following:		3-4
SCI 102	Understanding the Physical World	
100 Level Environmental Geoscience & Lab (EGEO)		
EGEO 1XX	Any EGEO 100-level w/Lab	
Subtotal		15-17
<b>Thematic Thread</b>		
Select 12 Credits ( <a href="https://catalog.sru.edu/undergraduate/rock-studies/rock-studies-program/">https://catalog.sru.edu/undergraduate/rock-studies/rock-studies-program/</a> ) <sup>2</sup>		12
<b>Total Hours</b>		<b>42-44</b>

<sup>1</sup> Course offered in multiple subjects; cannot take course in first major subject.

<sup>2</sup> One course from each category; six credits must be 300-level or above; no more than 4 credits from one subject area; specific courses required in first major, regardless of prefix of course, cannot be used to satisfy thread requirements; any course with same prefix as first major cannot be used to satisfy thread requirements, even if it is not a course in the first major.

## Basic Math Requirement

Check with your adviser or a current degree audit report to see if you have been exempted from this course. The credit earned in this course will not be counted toward the 120 credit hour minimum needed to earn a degree.

Code	Title	Hours
Complete one of the following:		0-3
Meet required minimum SAT or ACT math score OR		
ESAP 110	Beginning Algebra	
<b>Total Hours</b>		<b>0-3</b>

## DIVERSITY, EQUITY, AND INCLUSION REQUIREMENT

Students must take and pass a course with the Diversity, Equity, and Inclusion (DEI) designation prior to graduation. Students can meet this requirement by taking any DEI - designated course in any program at any time during their undergraduate career.

## Major Requirements

- 27 major credits must be taken at SRU or PASSHE
- 27 major credits must be taken at the 300 level or above

Code	Title	Hours
<b>Core</b>		
GES 150	The Natural Environment <sup>1</sup>	3
GES 205	Cultural Geography <sup>1</sup>	3
GES 315	Cartography I <sup>1</sup>	3
GES 331	Economic Geography <sup>1</sup>	3
Subtotal		12
<b>Techniques Core</b>		
GES 115	Introduction to Geospatial Technologies <sup>1</sup>	3
GES 220	General Methods of Fieldwork <sup>1</sup>	3
GES 325	Introduction to Geographic Information Science <sup>1</sup>	3
EGEO 272	Introduction to Georeports/Lab <sup>2</sup>	1
Subtotal		10
<b>Global Studies Concentration Requirements</b>		
<i>Global Environments Core</i>		
Any 200-level Modern Languages course		3
<i>Global Perspectives</i>		
Select seven to nine credits of the following:		7-9
GES 344	Environmental Justice	
GES 355	Earth's Changing Climate	
GES 356	Earth's Changing Climate Laboratory	
GES 361	Gender and the Environment	
HLTH 311	Global Health	
POLS 103	International Relations	
POLS 263	Introduction to Comparative Politics	
POLS 365	International Political Economy	
<i>Capstone Experience</i>		
Select one of the following:		3
GES 444	World Environmental Cultures <sup>1</sup>	
GES 469	Field Investigations in the Geosciences	
<i>Regional Studies</i>		
Select one course from three of the following areas: <sup>3</sup>		9

Americas (p. 3)	
Europe and Russia (p. 3)	
Asia (p. 3)	
Middle East, Africa, and Oceania (p. 3)	
<b>Geography Electives</b>	
Select any 300/400 level GES or EGEO course, of any additional 300/400 level courses from the Regional Studies lists	6
<b>Subtotal</b>	<b>28-30</b>
<b>Total Hours</b>	<b>50-52</b>

<sup>1</sup> Course counts for 50% of Major requirements and Major GPA

<sup>2</sup> Course counts for 50% of Major requirements but not for Major GPA

<sup>3</sup> An approved International experience may substitute for the relevant regional requirement.

\* Some courses may require pre-requisites. Please see course descriptions to determine if there are any pre-requisites for that specific course.

### Americas

Code	Title	Hours
ENGL 242	African-American Literature	3
ENGL 244	Native American Literature	3
ENGL 246	U.S. Latino/a Literatures	3
GES 201	Latin America and the Caribbean	3
HIST 323	African American History to 1876	3
HIST 324	African American History Since 1876	3
HIST 337	Native American History	3
HIST 351	Latin America to 1830	3
HIST 352	Latin America Since 1830	3
HIST 353	History of the Americas	3
INDP 322	Archaeology of the Americas	3
POLS 370	Latin American Politics and Development	3
SPAN 215	Topics in Hispanic Culture	3
SPAN 307	U.S. Latino Cultures	3
SPAN 326	The Civilization of Spanish America: Precolumbian to 19th Century	3
SPAN 328	Latin American Today	3

### Europe and Russia

Code	Title	Hours
ENGL 314	European Film	3
FREN 215	Topics in French and Francophone Culture	3
FREN 305	France through the Ages	3
GES 204	Post-Soviet Union	3
GES 308	Europe	3
HIST 305	Russia to 1855	3
HIST 306	Russia Since 1855	3
HIST 346	Rise of Imperial Britain	3
HIST 371	History of Jews	3
SPAN 305	Spain Today	3

### Asia

Code	Title	Hours
ENGL 248	Asian Literature	3
ENGL 316	Asian Film	3

GES 303	Asia	3
HIST 376	Modern Japan	3
HIST 381	East Asian Military Traditions	3
HIST 382	Modern Asian Pacific Rim	3
HIST 386	Modern China	3
INDP 310	Cultural Area Studies	3
INDP 360	Issues in Asia; Women in Asian Societies	3
JAPN 305	Japanese Popular Culture	3
JAPN 330	Samurai Culture Through Film	3
PHIL 343	Asian Philosophy	3

### Middle East, Africa, and Oceania

Code	Title	Hours
GES 307	Australia	3
GES 309	Africa	3
HIST 462	The Contemporary Middle East	3
HIST 463	Israel-History, State and Society	3
HIST 380	Egyptology	3
INDP 310	Cultural Area Studies	3

### Co-curricular and Experiential Learning

Students are encouraged to explore additional curricular and co-curricular opportunities. There is a strong correlation between long-term student success and participation in the following types of programs and activities:

1. International study programs (short-term, semester, and year-long)
2. Student-faculty research
3. Service-learning classes
4. Internships
5. Volunteering

### Important Curriculum Guide Notes

This Curriculum Guide is provided to help SRU students and prospective students better understand their intended major curriculum. Enrolled SRU students should note that the My Rock Audit may place already-earned and/or in progress courses in different, yet valid, curriculum categories. Enrolled SRU students should use the My Rock Audit Report and materials and information provided by their faculty advisers to ensure accurate progress towards degree completion. *The information on this guide is current as of the date listed. Students are responsible for curriculum requirements at the time of enrollment at the University.*

PASSHE - Pennsylvania State System of Higher Education Institutions

GEOGRAPHY - BS (6142)

Concentration in Global Studies (GLST)

This program is effective as of Summer 2022

Revised 06.10.2022

UCC 03.01.2022

### Recommended Four-Year Plan

Course	Title	Hours
<b>First Year</b>		
<b>Fall</b>		
GES 115	Introduction to Geospatial Technologies	3
GES 150	The Natural Environment	3

EGEO 131	Oceanography	3
ENGL 102	Critical Writing	3
ESAP 101	FYRST Seminar *	1
SUBJ 139	Foundations of Academic Discovery <sup>1</sup>	3
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
ENGL 104	Critical Reading	3
SCI 101	Science of Life	3
Creative & Aesthetic Inquiry ( <a href="https://catalog.sru.edu/undergraduate/rock-studies/rock-studies-program/">https://catalog.sru.edu/undergraduate/rock-studies/rock-studies-program/</a> )		3
GES 105	World Regional Geography	3
Free elective/minor		3
<b>Hours</b>		<b>15</b>
<b>Second Year</b>		
<b>Fall</b>		
GES 220	General Methods of Fieldwork	3
Social Science Inquiry ( <a href="https://catalog.sru.edu/undergraduate/rock-studies/rock-studies-program/">https://catalog.sru.edu/undergraduate/rock-studies/rock-studies-program/</a> )		3
STAT 152	Elementary Statistics I	3
MODL 2XX	Language and Culture 200 Level	3
Free elective/minor		3
Declare a Thematic Thread <sup>2</sup>		
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
EGEO 272	Introduction to Georeports/Lab	1
Select one of the following:		3
COMM 200	Civil Discourse: Theory & Practice	
PHIL 110	Ethics and Civil Discourse	
POLS 235	Civil Discourse and Democracy	
Humanities Inquiry ( <a href="https://catalog.sru.edu/undergraduate/rock-studies/rock-studies-program/">https://catalog.sru.edu/undergraduate/rock-studies/rock-studies-program/</a> )		3
Thematic Thread Requirement ( <a href="https://catalog.sru.edu/undergraduate/rock-studies/rock-studies-program/">https://catalog.sru.edu/undergraduate/rock-studies/rock-studies-program/</a> )		3
Free elective/minor		3
<b>Hours</b>		<b>13</b>
<b>Third Year</b>		
<b>Fall</b>		
GES 205	Cultural Geography	3
GES 315	Cartography I	3
GES 355	Earth's Changing Climate	3
GES 356	Earth's Changing Climate Laboratory	1
Thematic Thread Requirement ( <a href="https://catalog.sru.edu/undergraduate/rock-studies/rock-studies-program/">https://catalog.sru.edu/undergraduate/rock-studies/rock-studies-program/</a> )		3
Free elective/minor		3
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
GES 325	Introduction to Geographic Information Science	3
GES 344	Environmental Justice	3
Major elective		3
Thematic Thread Requirement ( <a href="https://catalog.sru.edu/undergraduate/rock-studies/rock-studies-program/">https://catalog.sru.edu/undergraduate/rock-studies/rock-studies-program/</a> )		3

Free elective/minor		3
<b>Hours</b>		<b>15</b>
<b>Fourth Year</b>		
<b>Fall</b>		
Major Elective		3
Major Elective		3
Thread course		3
Free elective/minor		3
Free elective/minor		3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
GES 331	Economic Geography	3
GES 444	World Environmental Cultures	3
Free elective/minor		3
Free elective/minor		3
Free elective/minor		3
<b>Hours</b>		<b>15</b>
<b>Total Hours**</b>		<b>120</b>

<sup>1</sup> Course offered in multiple subjects; cannot take course in first major subject

<sup>2</sup> Work with your Academic Adviser to declare a Thematic Thread by the end of your fall semester in your second year.

\* Students are encouraged to take ESAP 101 as a Free Elective.

\*\* This document is meant to serve as a guide. Some planners may show more than 120 credits because faculty have created flexibility in choosing courses. However, only 120 credits are required to obtain a degree. Please consult with your academic adviser and refer to your curriculum guide prior to registering for courses. This plan should be reviewed, and verified, by you and your academic adviser at least once each academic year.

Major Code: 6142

Concentration Code: GLST

Revised: 08.27.2021