

ENVIRONMENTAL, GEOGRAPHICAL & GEOLOGICAL SCIENCES: GEOGRAPHY & ENVIRONMENTAL PLANNING

Bachelor of Science (BS)

This degree map is based on the 2023-24 Academic Catalog and is subject to change. Students should meet with their academic advisor each semester and use Degree Works to monitor their individual progress toward degree completion. The time it takes to earn a degree will vary based on several factors including summer/winter enrollment, dual enrollment and number of courses successfully completed each semester. We recommend taking a minimum of 15 credits each fall and spring semester.

Sample 4-Year Plan

First Year			
Fall Courses	Credits	Spring Courses	Credits
EGGS 120 – Physical Geology	4	EGGS 242 – Mapping and GIS Fundamentals	3
EGGS 100 – Intro to Environmental Sciences	3	EGGS 102 – World Cultural Geography	3
EGGS 101 – Physical Geography	3	Math Requirement – Choose 2	3
General Education	3	General Education	3
General Education	3	General Education	3
Semester Total	16	Semester Total	15

Second Year			
Fall Courses	Credits	Spring Courses	Credits
EGGS 221 – Economic Geography	3	EGGS 104 – Regional Geography	3
EGGS 250 – Elements of Planning	3	Biology Requirement – Choose 1	3
Chemistry Requirement – Choose 1	3	Math Requirement – Choose 2	3
General Elective	3	General Elective	3
General Education	3	General Education	3
Semester Total	15	Semester Total	15

Third Year			
Fall Courses	Credits	Spring Courses	Credits
EGGS 360 – Principles of GIS I	3	EGGS Degree Elective – Choose 3	3
EGGS Degree Elective – Choose 3	3	EGGS 302 – Land Resources Management 3	3
EGGS 301 – Water Resources Management	3	General Elective	3
General Elective	3	General Elective	3
General Education	3	General Education	3
Semester Total	15	Semester Total	15

Fourth Year			
Summer – Session 1	Credits	Fall Courses	Credits
EGGS 497 – EGGS Capstone Seminar	3	Degree Elective – Choose 3	3
EGGS 498 – EGGS Internship (9-12 credits)	11	General Education	3
		General Elective	3
		General Elective	3
		General Elective 3	
Semester Total	14	Semester Total	15

Winter/Summer College - Optional

While not required, Winter and Summer sessions are offered each year and may help you stay on track or get ahead. You may take up to seven (7) credits during Winter College and up to 14 credits during Summer College.

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Curriculum Checklist

Total of 60 Credits excluding Directed General Ed

Major Requirements (30 credits)

- ___ EGGS 100 Environmental Science (3)
- ___ EGGS 101 Physical Geography (3)
- ___ EGGS 102 World Cultural Geography (3)
- ___ EGGS 104 World Regional Geography* (3)
- ___ EGGS 105 Environmental Issues & Choices (3)
- ___ EGGS 120 Physical Geology* (4)
- ___ EGGS 221 Economic Geography (3)
- ___ EGGS 242 Mapping and GIS Fundamentals (3)
- ___ EGGS 250 Elements of Planning (3)
- ___ EGGS 301 Water Resources Management (3)
- ___ EGGS 302 Land Resources Management (3)
- ___ EGGS 360 Principles of GIS 1 (3)

Cognate Requirements (Choose 1, 0 credits) *

- ___ BIO 102 Ecology and Evolution (3)
- ___ BIO 103 Biodiversity and Conservation Biology (3)

Cognate Requirements (Choose 1, 3 credits)

- ___ CHEM 100 Chemistry of the Air, Water, and Earth (3)
- ___ CHEM 118 Introductory Chemistry (3)

Cognate Math (Choose 2, 3 credits)

- ___ EGGS 150 Quantitative Methods (3)
- ___ MATH 150 Essentials of Calculus* (3)
- ___ MATH 160 Calculus 1* (4)
- ___ STAT 141 Introduction to Statistics* (3)
- ___ EGGS 342 Geostatistics (3)

Major Electives (Choose 3 for 12-cr internship, 4 for 9-cr internship)

- ___ EGGS 200 Geography of US and Canada (3)
- ___ EGGS 205 Special Topics in Regional Geography (3)
- ___ EGGS 225 Global Terrorism (3)
- ___ EGGS 251 Sustainable Food Systems (3)
- ___ EGGS 275 Introduction to Surveying (3)
- ___ EGGS 304 Environmental Valuation (3)
- ___ EGGS 305 Environmental Risks and Hazards (3)
- ___ EGGS 315 Geography of Recreation, Tourism, & Sport (3)
- ___ EGGS 320 Remote Sensing (3)
- ___ EGGS 350 Advanced Planning (3)
- ___ EGGS 358 Environmental Conservation & Preservation (3)
- ___ EGGS 361 Principles of GIS 2 (3)
- ___ EGGS 364 Digital Cartography (3)
- ___ EGGS 380 Dams, Reservoirs, and Rivers (3)
- ___ EGGS 386 US Federal Lands: Geography, Politics, Mgmt (3)
- ___ EGGS 390 Special Topics in EGGS (3)
- ___ EGGS 410 Applied Env Analysis with GIS (3)
- ___ EGGS 491 Research in EGGS (3)
- ___ EGGS 493 Independent Study in EGGS (3)

Major Capstone (12-15 credits)

- ___ EGGS 492 EGGS Capstone Seminar (3)
- ___ EGGS 498 (EGGS Internship)

*Counts as General Education Credit

General Education Requirements

(45 credits)

Note: Some requirements may be fulfilled by coursework in your major program including directed Gen Ed courses noted below

- Foundations (15 credits)
 - MATH 160 Calculus I
 - STAT 141 Introduction to Statistics
- Interconnections (9 credits)
 - EGGS 104 World Regional Geography
- Citizenship & Responsibility (6 credits from at least two goals)
 - Directed Gen Ed, if applicable
- Natural World & Technologies (9 credits)
 - BIOL 102 Ecology and Evolution
 - BIOL 103 Biodiversity and Conservation Bio
- Creativity & Expression (6 credits)
 - Directed Gen Ed, if applicable

Degree Requirements

All students must obtain a minimum of 120 credits, complete all General Education requirements, and all requirements for the selected major. Meet with your advisor and consult Degree Works to monitor your progress and for all graduation requirements.

A minimum GPA of 2.0 in the major and overall are required.

Campus Locations

- | | |
|-------------------|--|
| Bloomsburg | <input type="checkbox"/> Online; <input checked="" type="checkbox"/> In-person; <input type="checkbox"/> Blended |
| Lock Haven | <input type="checkbox"/> Online; <input type="checkbox"/> In-person; <input type="checkbox"/> Blended |
| Mansfield | <input type="checkbox"/> Online; <input type="checkbox"/> In-person; <input type="checkbox"/> Blended |
| Clearfield | <input type="checkbox"/> Online; <input type="checkbox"/> In-person; <input type="checkbox"/> Blended |

Revised April, 2023