

EGGS A.A.S.:

ENVIRONMENTAL TECHNOLOGY

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 2-Year Plan

First Year			
Fall Courses	Credits	Spring Courses	Credits
FYS 100 - First Year Seminar (Y)	3	WRI 103 - Foundations of College Writing (W)	3
EGGS 100 - Intro to Environmental Science (N)	3	COMM 101 - Public Speaking (O)	3
EGGS 120 - Physical Geology (N)	4	EGGS 213 - Fundamentals of Soil Science	3
MATH 118 - College Algebra (Q)	3	EGGS 242 - Mapping and GIS Fundamentals	3
SFM 180 - Jobsite Safety	3	SFM 210 - Hazardous Materials	3
Semester Total	16	Semester Total	15
Second Year			
Fall Courses	Credits	Spring Courses	Credits
PHIL 204 Environmental Ethics (E)	3	EGGS 325 - UAV Applications	3
EGGS 271 - Fundamentals of Hydrology	3	EGGS 471 Applied Surface Hydrology (EGGS Elective)	3
EGGS 360 - Geographic Information Systems 1	3	EGGS 416 - Applied Soil Science and Land Use (EGGS Elective)	4
SFM 320 - Safety Program Management (EGGS Elective)	3	EGGS 491 - Research in EGGS (EGGS Capstone)	3
EGGS 421 - Environmental Permitting (EGGS Elective)	3		
Semester Total	15	Semester Total	14

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

General Education Requirements (13 credits)

- ___ FYS 100 First Year Seminar (3)
- ___ EGGS 102 Physical Geology (4)
- ___ COMM 101 Public Speaking (3)
- ___ WRIT 101/103 Foundations of College Writing (3)

General Education Environmental Elective: Choose 1 (3 credits)

- ___ EGGS 100 Environmental Science (3)
- ___ EGGS 105 Environmental Issues and Choices (3)
- ___ EGGS 140 Sustainability Science (3)

General Education Ethics Elective: Choose 1 (3 credits)

- ___ PHIL 203 Business Ethics (3)
- ___ PHIL 204 Environmental Ethics (3)
- ___ PHIL 301 Ethics (3)

General Education Math Elective: Choose 1 (3 credits)

- ___ MATH 118 College Algebra (3)
- ___ MATH 140 Precalculus (3)
- ___ STATS 141 Introduction to Statistics (3)

Major Requirements (18 credits)

- ___ EGGS 213 Fundamentals of Soil Science (3)
- ___ EGGS 242 Mapping and GIS Fundamentals (3)
- ___ EGGS 271 Fundamentals of Hydrology (3)
- ___ EGGS 360 Principles of GIS 1 (3)
- ___ SFM 180 Jobsite Safety (3)
- ___ SFM 210 Hazardous Materials (3)

Electives: Choose at least 17 credits

- ___ EGGS 275 Introduction to Surveying (3)
- ___ EGGS 280 Oil and Gas Geology (3)
- ___ EGGS 325 UAV Applications (3)
- ___ EGGS 335 Emergency Management (3)
- ___ EGGS 361 Principles of GIS 2 (3)
- ___ EGGS 415 Hydric Soils and Wetlands Delineation (4)
- ___ EGGS 416 Applied Soil Science and Land Use (4)
- ___ EGGS 420 Watershed Restoration (3)
- ___ EGGS 421 Environmental Permitting (3)
- ___ EGGS 460 Aqueous Env Geochemistry (4)
- ___ EGGS 470 Hydrogeology (3)
- ___ EGGS 471 Applied Surface Hydrology (3)
- ___ EGGS 480 Geophysical Methods (4)
- ___ SFM 310 Safety Program Management (3)
- ___ SFM 320 Critical Incident Management (3)

Major Capstone: Choose 1 (3 credits)

- ___ EGGS 450 Environmental Field School (3)
- ___ EGGS 455 Environmental Impact Assessment (3)
- ___ EGGS 491 Research in EGGS (3)
- ___ EGGS 498 Internship in EGGS (3)

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)
 - FYS 100 - First Year Seminar (Y)
 - COMM 101 - Public Speaking (O)
 - ENG 101 - Composition 1 (W)
 - MATH 118 - College Algebra (Q)
- Interconnections (9 credits)
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- Citizenship & Responsibility (6 credits from at least two goals)
 - PHIL 203 - Ethics (E)
- Natural World & Technologies (9 credits)
 - EGGS 100 - Intro to Environmental Science (N)
 - EGGS 120 - Physical Geology (N)
- Creativity & Expression (6 credits)

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