

ENVIRONMENTAL SCIENCE, B.S.

Seven Penn State campuses are scheduled for closure after Spring 2027: DuBois, Fayette, New Kensington, Mont Alto, Shenango, Wilkes-Barre, and York. New students are not being admitted at these campuses.

Begin Campus: Any Penn State Campus

End Campus: Erie

Suggested Academic Plan

The suggested academic plan(s) listed on this page are the plan(s) that are in effect during the 2026-27 academic year. To access previous years' suggested academic plans, please visit the archive (<https://bulletins.psu.edu/undergraduate/archive/>) to view the appropriate Undergraduate Bulletin edition.

Environmental Field Science Option: Environmental Science, B.S. at Erie Campus

The course series listed below provides **only one** of the many possible ways to move through this curriculum. The University may make changes in policies, procedures, educational offerings, and requirements at any time. This plan should be used in conjunction with your degree audit (accessible in LionPATH as either an **Academic Requirements** or **What If** report). Please consult with a Penn State academic adviser on a regular basis to develop and refine an academic plan that is appropriate for you.

First Year

Fall	Credits Spring	Credits
BIOL 110 or 114 and 115*	4 CAS 100 [‡]	3
CHEM 110 ^{††}	3 CHEM 112 [†]	3
CHEM 111 [†]	1 CHEM 113 [†]	1
ENGL 15 or 30H [‡]	3 MATH 140 ^{††}	4
Course Selection (N and PS List) or Course Selection (SSA and H List)	3 General Education Course (GH Selection)	3
PSU 7	1 General Education Course (GHW)	1.5
	15	15.5

Second Year

Fall	Credits Spring	Credits
GEOG 10, GEOSC 1, GEOSC 20, or EARTH 2 [†]	3 PHIL 103, 119, 132, or 245Z [†]	3
BIOL 220W or 224 and 225W	4 ENVSC 200, SUST 200, CAS 222N, PLSC 1, AYFCE 211N, or CIVCM 211N [†]	3
MATH 141 [†]	4 STAT 200, 250, or SCM 200	3-4
GEOG 160	3 GEOG 363*	3
GEOG 161	1 Course Selection (N and PS List) or Course Selection (SSA and H List)	3
	15	15-16

Third Year

Fall	Credits Spring	Credits
PHYS 211 or 250*	4 BIOL 402W*	3

GEOSC 303*	3 ENGL 202C ^{††}	3
CHEM 301 or STS 420 (or EGEE 101 (MATSE 101) or EGEE 102) ¹	3 GEOG 126, 30N, ECON 102, or ECON 104 [†]	3
General Education Course (GA Selection)	3 PHYS 212 or 251	4
CHEM 202 [†]	3 Course Selection (N and PS List)	3
	16	16

Fourth Year

Fall	Credits Spring	Credits
BIOL/CHEM/GEOSC/ENVSC 494 or 495*	3 GEOSC 418/SOILS 419 or 412 (or 400-level BIOL lab/field course)*	3
BIOL 435*	3 GEOSC 451 or 454 ^{*2}	3
General Education Course (GA Selection)	3 GEOSC 452*	3
Course Selection (N and PS List)	3 ENVSC 400W*	3
General Education Course (GHW)	1.5 Course Selection (N and PS List)	3
	13.5	15

Total Credits 121-122

* Course requires a grade of C or better for the major

‡ Course requires a grade of C or better for General Education

Course is an Entrance to Major requirement

† Course satisfies General Education and degree requirement

¹ EGEE 101, MATSE 101, and EGEE 102 do not require a grade of C or better.

² See adviser for acceptable substitutions

University Requirements and General Education Notes:

US and IL are abbreviations used to designate courses that satisfy Cultural Diversity Requirements (United States and International Cultures).

W, M, X, and Y are the suffixes at the end of a course number used to designate courses that satisfy University Writing Across the Curriculum requirement.

General Education includes Foundations (GWS and GQ), Knowledge Domains (GHW, GN, GA, GH, GS) and Integrative Studies (Inter-domain) requirements. N or Q (Honors) is the suffix at the end of a course number used to help identify an Inter-domain course, but the inter-domain attribute is used to fill audit requirements. Foundations courses (GWS and GQ) require a grade of 'C' or better.

Program Notes:

- Students who have not met the admission requirement of two units of a high school world language must complete a college level-one world language within their first 60 credits.
- Not all courses will be offered every year at Penn State Behrend, but a sufficient number of courses will be offered that will allow students to complete their chosen option.
- ENVSC 400W is the capstone course.

Natural & Physical Sciences List (N and PS):

- BIOL 200-level or higher, BIOL 403, BIOL 415
- CHEM 200-level or higher
- CMPSC 100-level or higher
- EARTH 100, EARTH 103N, EARTH 105N, EARTH 111, EARTH 202, EARTH 204
- EGEE 100-level or higher
- ENVE 300-level or higher
- ENVSC 494, ENVSC 495
- ENVSE 400-level
- ENVST 200, ENVST 299
- GEOG 313, GEOG 362, GEOG 430, GEOG 431, GEOG 432, GEOG 453, GEOG 463, GEOG 469
- GEOSC 1, GEOSC 40, GEOSC 71, GEOSC 200-level or higher
- GEOSC 497A
- MATH 200-level or higher
- MICRB 200-level or higher
- PES 213, PES 320, PES 340, PES 341
- SOILS 101 or higher
- STAT 300-level or higher
- STS 201, STS 420
- WFS 400-level or higher

Social Sciences, Arts & Humanities List (SSA and H):

- COMM 160, COMM 315, COMM 409
- ECON 428
- ENGL 180, ENGL 424
- ENVST 100N
- GEOG 30N, GEOG 126
- LARCH 60
- PHIL 403
- PLSC 2, PLSC 14, PLSC 22, PLSC 135, PLSC 299, PLSC 419, PLSC 482, PLSC 487, PLSC 489, PLSC 499
- PSYCH 301W
- STS 245Z
- Any 1, 2, 3 World Language

Environmental Lab Science Option: Environmental Science, B.S. at Erie Campus

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First Year

Fall	Credits Spring	Credits
BIOL 110 or 114 <i>and</i> 115*	4 BIOL 220W or 224 <i>and</i> 225W	4
CHEM 110 ^{††}	3 CHEM 112 [†]	3
CHEM 111 [†]	1 CHEM 113 [†]	1
ENGL 15 or 30H [‡]	3 MATH 140 ^{††}	4
Course Selection (N and PS List) or Course Selection (SSA and H List)*	3 General Education Course (GH Selection) [†]	3
PSU 7	1	
	15	15

Second Year

Fall	Credits Spring	Credits
GEOG 10 or GEOSC 1 (or EARTH 2 or GEOSC 20) [†]	3 STAT 200 or 250 (or SCM 200)*	3-4
MICRB 201	3 ENVSC 200, SUST 200, CAS 222N, PLSC 1, AYFCE 211N, or CIVCM 211N [†]	3
MICRB 202	2 CAS 100 [†]	3
MATH 141 [†]	4 General Education Course (GA Selection) [†]	3
GEOG 160	3 Course Selection (N and PS List)	3
GEOG 161	1	
	16	15-16

Third Year

Fall	Credits Spring	Credits
PHYS 211 or 250*	4 PHIL 103 or 119 (or PHIL 132 or STS 245) [†]	3
CHEM 227	4 BIOL 402W*	3
CHEM 202 [†]	3 PHYS 212 or 251	4
General Education Course (GA Selection)	3 General Education Course (GHW)	1.5
ENGL 202C ^{††}	3 CHEM 203	3
	17	14.5

Fourth Year

Fall	Credits Spring	Credits
BIOL/CHEM/GEOSC/ENVSC 494 or 495*	3 ENVSC 400W*	3
CHEM 301*	3 GEOSC 418/SOILS 419 or 412 (or 400-level BIOL lab/field course)*	3
Course Selection (N and PS List)	3 GEOSC 451 or 452 (or STS 420)*	3

Course Selection (N and PS List)	3 GEOG 30N or 126 (or ECON 102 or ECON 104) [†]	3
400-level Science Course Selection (N and PS List)	3 General Education Course (GHW)	1.5
	15	13.5

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- EGEE 100-level or higher
- ENVE 300-level or higher
- ENVSC 494, ENVSC 495
- ENVSE 400-level
- ENVST 200, ENVST 299
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- GEOSC 1, GEOSC 40, GEOSC 71, GEOSC 200-level or higher
- GEOSC 497A
- MATH 200-level or higher
- MICRB 200-level or higher
- PES 213, PES 320, PES 340, PES 341
- SOILS 101 or higher

- STAT 300-level or higher
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- WFS 400-level or higher

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- STS 245Z
- Any 1, 2, 3 World Language