

ENVIRONMENTAL SCIENCE, B.S.

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 2025-26 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*	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	4 ENVSC 200, SUST 200, CAS 222N, or PLSC 1 ^{††}	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

1.) 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.

2.) 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.

3.) 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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Fall	Credits Spring	Credits
BIOL 110*	4 BIOL 220W	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, or PLSC 1	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

Total Credits 121-122

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 CMPSC 100-level or higher
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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
 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