ENVIRONMENTAL SCIENCE, B.S.

Begin Campus: Any Penn State Campus

End Campus: Erie

Program Description

The B.S. in Environmental Science (ENVSC) employs the principles, processes, and methodologies of the life and physical sciences to develop an integrated understanding of the environment and the effects associated with human use of the Earth's natural resources. Students will work in interdisciplinary teams in a capstone course and in environmental research/internship projects attuned to Great Lakes, water resources, and energy resources issues. Students choosing the Environmental Field Science option will obtain additional strengths in field biology, geographic information systems, and environmental geoscience and field methods. Those choosing the Environmental Lab Science option will obtain additional strengths in analytical chemistry and environmental geochemistry. The curriculum permits additional specialization in allied areas through completion of minors in chemistry, biology, or statistics.

What is Environmental Science?

Environmental science is an interdisciplinary field, meaning that it combines multiple academic studies. Environmental science draws from geology, geography, biology, chemistry, oceanography, limnology, atmospheric science, energy, and many other physical sciences. It also involves non-science areas such as engineering, law, political science, resource management, and environmental education. Study of environmental science prepares students to understand and solve problems at the human-earth interface. Environmental scientists understand environmental processes, analyze and solve environmental problems, and communicate the beneficial and adverse outcomes associated with human use of the Earth's physical and living resources.

You Might Like This Program If...

- You think bugs are beautiful, mud is marvelous, and rocks rock.
- You are interested in examining global environmental issues from multiple perspectives.
- You might like working with environmental data sets to understand how the physical world works.
- You are curious about how the environment affects humans—and about how humans affect their environment, for better and for worse.
- You enjoy theoretical study, hands-on laboratory learning using high-tech equipment, and in-the-dirt outdoor field work.

Entrance to Major

In order to be eligible for entrance to this major, a student must:

1. attain at least a C (2.00) cumulative grade-point average for all courses taken at the University; and
2. have at least third-semester classification (https://www.registrar.psu.edu/enrollment/semester-classification.cfm).

READ SENATE POLICY 37-30: ENTRANCE TO AND CHANGES IN MAJOR PROGRAMS OF STUDY (https://senate.psu.edu/policies-and-rules-for-undergraduate-students/37-00-entrance-to-a-college-or-major/)

Degree Requirements

For the Bachelor of Science degree in Environmental Science, a minimum of 121 credits is required, with at least 15 credits at the 400 level:

Requirement	Credits
General Education	45
Electives	0-1
Requirements for the Major	102-103

27 of the 45 credits for General Education are included in the Requirements for the Major. This includes: 9 credits of GN courses; 6 credits of GQ courses; 6 credits of GS courses; 3 credits of GH courses; 3 credits of GWS courses.

Per Senate Policy 83.80.5, the college dean or campus chancellor and program faculty may require up to 24 credits of coursework in the major to be taken at the location or in the college or program where the degree is earned.

Requirements for the Major

Each student must earn at least a grade of C in each 300- and 400-level prescribed, additional, and supporting course.

To graduate, a student enrolled in the major must earn a grade of C or better in each course designated by the major as a C-required course, as specified by Senate Policy 82-44 (https://senate.psu.edu/policies-and-rules-for-undergraduate-students/82-00-and-83-00-degree-requirements/#82-44).

Common Requirements for the Major (All Options)

Code	Title	Credits
Prescribed Courses		
BIOL 220W	Biology: Populations and Communities	4
CHEM 111	Experimental Chemistry I	1
CHEM 112	Chemical Principles II	3
CHEM 113	Experimental Chemistry II	1
CHEM 202	Fundamentals of Organic Chemistry I	3
ENGL 202C	Effective Writing: Technical Writing	3
GEOG 160	Mapping Our Changing World	3
GEOG 161	Applied Geographic Information Systems	1
MATH 141	Calculus with Analytic Geometry II	4
Prescribed Courses: Require a grade of C or better		
BIOL 110	Biology: Basic Concepts and Biodiversity	4
BIOL 402W	Biological Experimental Design	3
CHEM 110	Chemical Principles I	3
ENVSC 400W	Case Studies in Environmental Analysis and Problem-Solving	3
MATH 140	Calculus With Analytic Geometry I	4
Additional Courses		
Select one of the following:		3
CIVCM 211N	Foundations: Civic and Community Engagement	
PLSC 1	American Politics: Principles, Processes and Powers	
SUST 200	Foundations of Leadership in Sustainability	
Select one of the following:		3-4
SCM 200	Introduction to Statistics for Business	
STAT 200	Elementary Statistics	

STAT 250	Introduction to Biostatistics	
Select one of the following:		3
EARTH 2	The Earth System and Global Change	
GEOG 10	Physical Geography: An Introduction	
GEOSC 1	Physical Geology	
Select one of the following:		3
PHIL 103	Ethics	
PHIL 119	Ethical Leadership	
PHIL 132	Bioethics	
STS 245Z	Globalization, Technology, and Ethics	
Select one of the following:		3
ECON 102	Introductory Microeconomic Analysis and Policy	
ECON 104	Introductory Macroeconomic Analysis and Policy	
GEOG 30N	Environment and Society in a Changing World	
GEOG 126	Economic Geography	
Additional Courses: Require a grade of C or better		
Select one of the following sequences:		8
PHYS 211 & PHYS 212	General Physics: Mechanics and General Physics: Electricity and Magnetism [1]	
PHYS 250 & PHYS 251	Introductory Physics I and Introductory Physics II [1]	
Supporting Courses and Related Areas		
Select 3 credits from the Natural & Physical Sciences program list [2]		3
Supporting Courses and Related Areas: Require a grade of C or better		
Select 3 credits from BIOL, ENVSC, GEOG, GEOSC 494 (Research), 495 (Internship), or 496 (Independent Studies) in consultation with adviser [2]		3
Requirements for the Option		
Select an option		33

[1] PHYS 212 and PHYS 251 do not require a grade of C or better.
[2] A maximum of 9 credits of Research (494), Internship (495), or Independent Study (496) may be applied toward credits for graduation in all options.

Requirements for the Option

Environmental Field Science Option (33 credits)

Code	Title	Credits
Prescribed Courses		
Prescribed Courses: Require a grade of C or better		
BIOL 435	Ecology of Lakes and Streams	3
GEOG 363	Geographic Information Systems	3
GEOSC 303	Introduction to Environmental Geology	3
GEOSC 452	Hydrogeology	3
Additional Courses		
Select one of the following:		3
CHEM 301	Environmental Chemistry and Analysis [1]	
EGEE 101	Energy and the Environment	
EGEE 102	Energy Conservation for Environmental Protection	
STS 420	Energy and Modern Society [1]	
Additional Courses: Require a grade of C or better		
GEOSC 451	Natural Resources: Origins, Economics and Environmental Impact	3
or GEOSC 454	Geology of Oil and Gas	
Select 3 credits of the following:		3
Any Biology 400-level field/lab course		
GEOSC 412	Water Resources Geochemistry	
GEOSC 418	Soil Environmental Chemistry	
Supporting Courses and Related Areas [2]		
Select 12 credits from the Natural & Physical Sciences and/or the Social Sciences, Arts & Humanities program lists with not more than 6 credits from the latter list [3]		12

[2] A maximum of 9 credits of Thesis Research (GEOSC 494M), GEOSC 495, or GEOSC 496 may be applied toward credits for graduation in all options.
[3] Students may apply 6 credits of basic ROTC.
[1] CHEM 301 and STS 420 require a grade of C or better.

Environmental Lab Science Option (33 credits)

Code	Title	Credits
Prescribed Courses		
CHEM 203	Fundamentals of Organic Chemistry II	3
CHEM 227	Analytical Chemistry	4
MICRB 201	Introductory Microbiology	3
MICRB 202	Introductory Microbiology Laboratory	2
Prescribed Courses: Require a grade of C or better		
CHEM 301	Environmental Chemistry and Analysis	3
Additional Courses		
Additional Courses: Require a grade of C or better		
Select one of the following:		3
GEOSC 412	Water Resources Geochemistry	
GEOSC 418	Soil Environmental Chemistry	
GEOSC 419	The Organic Geochemistry of Natural Waters and Sediments	
Select one of the following:		3
GEOSC 451	Natural Resources: Origins, Economics and Environmental Impact	
GEOSC 452	Hydrogeology	
STS 420	Energy and Modern Society	
Supporting Courses and Related Areas [1]		
Choose 9 credits from the Natural & Physical Sciences and/or the Social Sciences, Arts & Humanities program lists with not more than 6 credits from the latter list [2]		9
Choose 3 credits at the 400-level from the Natural & Physical Sciences program list		3

[1] A maximum of 9 credits of GEOSC 494M, GEOSC 495, or GEOSC 496 may be applied toward credits for graduation in all options.
[2] Students may apply 6 credits of basic ROTC.

General Education

Connecting career and curiosity, the General Education curriculum provides the opportunity for students to acquire transferable skills necessary to be successful in the future and to thrive while living in interconnected contexts. General Education aids students in developing intellectual curiosity, a strengthened ability to think, and a deeper sense of aesthetic appreciation. These are requirements for all baccalaureate students and are often partially incorporated into the requirements of a program. For additional information, see the General Education

Requirements (https://bulletins.psu.edu/undergraduate/general-education/baccalaureate-degree-general-education-program/) section of the Bulletin and consult your academic adviser.

The keystone symbol appears next to the title of any course that is designated as a General Education course. Program requirements may also satisfy General Education requirements and vary for each program.

Foundations (grade of C or better is required and Inter-Domain courses do not meet this requirement.)

- **Quantification (GQ):** 6 credits
- **Writing and Speaking (GWS):** 9 credits

Breadth in the Knowledge Domains (Inter-Domain courses do not meet this requirement.)

- **Arts (GA):** 3 credits
- **Health and Wellness (GHW):** 3 credits
- **Humanities (GH):** 3 credits
- **Social and Behavioral Sciences (GS):** 3 credits
- **Natural Sciences (GN):** 3 credits

Integrative Studies

- **Inter-Domain Courses (Inter-Domain):** 6 credits

Exploration

- **GN,** may be completed with Inter-Domain courses: 3 credits
- **GA, GH, GN, GS, Inter-Domain courses.** This may include 3 credits of World Language course work beyond the 12th credit level or the requirements for the student's degree program, whichever is higher**:** 6 credits

University Degree Requirements

First Year Engagement

All students enrolled in a college or the Division of Undergraduate Studies at University Park, and the World Campus are required to take 1 to 3 credits of the First-Year Seminar, as specified by their college First-Year Engagement Plan.

Other Penn State colleges and campuses may require the First-Year Seminar; colleges and campuses that do not require a First-Year Seminar provide students with a first-year engagement experience.

First-year baccalaureate students entering Penn State should consult their academic adviser for these requirements.

Cultures Requirement

6 credits are required and may satisfy other requirements

- United States Cultures: 3 credits
- International Cultures: 3 credits

Writing Across the Curriculum

3 credits required from the college of graduation and likely prescribed as part of major requirements.

Total Minimum Credits

A minimum of 120 degree credits must be earned for a baccalaureate degree. The requirements for some programs may exceed 120 credits. Students should consult with their college or department adviser for information on specific credit requirements.

Quality of Work

Candidates must complete the degree requirements for their major and earn at least a 2.00 grade-point average for all courses completed within their degree program.

Limitations on Source and Time for Credit Acquisition

The college dean or campus chancellor and program faculty may require up to 24 credits of course work in the major to be taken at the location or in the college or program where the degree is earned. Credit used toward degree programs may need to be earned from a particular source or within time constraints (see Senate Policy 83-80 (https://senate.psu.edu/policies-and-rules-for-undergraduate-students/82-00-and-83-00-degree-requirements/#83-80)). For more information, check the Suggested Academic Plan for your intended program.

Program Learning Objectives

- Are proficient in the communication of results of field, lab, or literature based research in both oral and written formats, in both solo and team settings.
- Can demonstrate possession of the science skills and quantitative competency necessary to understand, interpret, and analyze data from across the interdisciplinary environmental science spectrum.
- Have proficiency in major concepts and methods in environmental science that are typically required of entry-level scientists in the workforce.
- Have demonstrated undergraduate-level research skills; project and experimental design skills.
- Can demonstrate skills in field/lab data collection, analysis, and synthesis; in utilizing the inter-disciplinary research literature to analyze and synthesize issues in environmental science; and in undergraduate-level grant-writing.
- Can demonstrate possession and application of higher-level learning skills in critical thinking and problem-solving as applied to environmental science.

Academic Advising

The objectives of the university's academic advising program are to help advisees identify and achieve their academic goals, to promote their intellectual discovery, and to encourage students to take advantage of both in-and out-of class educational opportunities in order that they become self-directed learners and decision makers.

Both advisers and advisees share responsibility for making the advising relationship succeed. By encouraging their advisees to become engaged in their education, to meet their educational goals, and to develop the habit of learning, advisers assume a significant educational role. The advisee's unit of enrollment will provide each advisee with a primary academic adviser, the information needed to plan the chosen program of study, and referrals to other specialized resources.

READ SENATE POLICY 32-00: ADVISING POLICY (https://senate.psu.edu/policies-and-rules-for-undergraduate-students/32-00-advising-policy/)

Erie

Michael Naber, Ph.D.
Associate Teaching Professor of Geosciences
25 Hammermill
Erie, PA 16563
814-898-6298
mdn10@psu.edu

Suggested Academic Plan

The suggested academic plan(s) listed on this page are the plan(s) that are in effect during the 2023-24 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 (*Note: the archive only contains suggested academic plans beginning with the 2018-19 edition of the Undergraduate Bulletin*).

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	CHEM 202†	3
BIOL 220W	4	PHIL 103, 119, 132, or 245Z†	3
MATH 141†	4	ENVSC 200, SUST 200, CAS 222N, or PLSC 1*†	3
GEOG 160	3	STAT 200, 250, or SCM 200	3-4
GEOG 161	1	GEOG 363*	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
Course Selection (N and PS List) or Course Selection (SSA and H List)	3	PHYS 212 or 251	4
General Education Course (GA Selection)	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

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	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	CHEM 202†	3
MICRB 201	3	STAT 200 or 250 (or SCM 200)*	3-4
MICRB 202	2	ENVSC 200, SUST 200, CAS 222N, or PLSC 1	3
MATH 141†	4	CAS 100‡	3
GEOG 160	3	General Education Course (GA Selection)†	3
GEOG 161	1		
	16		**15-16**

Third Year

Fall	Credits	Spring	Credits
CHEM 203	3	PHIL 103 or 119 (or PHIL 132 or STS 245)†	3
PHYS 211 or 250*	4	BIOL 402W*	3
CHEM 227	4	ENGL 202C‡†	3
General Education Course (GA Selection)	3	PHYS 212 or 251	4
Course Selection (N and PS List)	3	General Education Course (GHW)	1.5
	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

* 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

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

Career Paths

The study of environmental science leads to a wide variety of careers. Penn State Behrend offers two options to help you tailor your degree to your interests. The Environmental Field Studies Option has a concentration in field biology, geographic information systems, and environmental geoscience, while the Environmental Lab Science Option emphasizes analytical chemistry and geochemistry. Penn State Behrend has a comprehensive support system to help you identify and achieve your goals for college and beyond. Meet with your academic adviser often and take advantage of the services offered by the Academic and Career Planning Center beginning in your first semester.

Careers

State and federal agencies, nonprofits, and corporations are looking for environmental scientists. The U.S. Bureau of Labor Statistics predicts that over the next twenty years the number of jobs for environmental scientists will grow faster than the average for all occupations. This increase will be driven by population growth and the concurrent need for water, energy, and mineral resources. A recent survey of undergraduate institutions showed that environmental science students typically are prepared for careers in many parts of the economy, including government agencies; nonprofit, advocacy, and nongovernmental organizations; consulting; education; industry; and resource management and conservation.

MORE INFORMATION ABOUT POTENTIAL CAREER OPTIONS FOR GRADUATES OF THE ENVIRONMENTAL SCIENCE PROGRAM (https://behrend.psu.edu/school-of-science/academic-programs/environmental-science/)

Opportunities for Graduate Studies

A graduate degree allows you to take your environmental science education in a targeted direction. Advanced-degree disciplines commonly pursued by environmental science majors include environmental engineering, resource management, environmental science and policy, public health, atmospheric science, oceanography, and sustainability.

MORE INFORMATION ABOUT OPPORTUNITIES FOR GRADUATE STUDIES (https://behrend.psu.edu/school-of-science/academic-programs/environmental-science/)

Professional Resources

- Association for Environmental Studies and Sciences (https://aessonline.org/)
- National Association of Environmental Professionals (https://www.naep.org/)
- Geological Society of America (https://www.geosociety.org/)
- American Geophysical Union (https://www.agu.org/)
- Association of Environmental and Engineering Geologists (https://www.aegweb.org/)
- Soil and Water Conservation Society (https://www.swcs.org/)
- American Association of Geographers (https://www.aag.org/)

Contact

Erie

SCHOOL OF SCIENCE
1 Prischak
4205 College Drive
Erie, PA 16563
814-898-6105
behrend-science@psu.edu

https://behrend.psu.edu/school-of-science (https://behrend.psu.edu/school-of-science/)