

**Recommended Academic Plan for BS Science, Environmental Studies Option**

**(SCNBD at Penn State Erie, Behrend College) Revised Summer 2008**

<b>Semester 1</b>	<b>Credits</b>	<b>Semester 2</b>	<b>Credits</b>
<b>MATH 140 (GQ)</b>	4	MATH 141 (GQ)	4
ENGL 015 or 030 (GWS)	3	<b>BIOL 110 (GN)</b>	4
<b>CHEM 110 (GN)</b>	3	CHEM 112 (GN)	3
CHEM 111 (GN)	1	CHEM 113 (GN)	1
ARTS (GA), HUMANITIES (GH) or SOCIAL SCIENCE (GS)	3	ARTS (GA), HUMANITIES (GH) or SOCIAL SCIENCE (GS)	3
PSU 007 First-Year Seminar	1		
Total Credits:	15	Total Credits:	15
<b>Semester 3</b>	<b>Credits</b>	<b>Semester 4</b>	<b>Credits</b>
CAS 100 (GWS)	3	KINES (GHA)	1.5
Geoscience	3	CSE 121	3
BIOL 220W or 230W or 240W	4	PHYS 251 or PHYS 212	4
<b>PHYS 250 or PHYS 211</b>	4	GEOG 160	3
ARTS (GA), HUMANITIES (GH) or SOCIAL SCIENCE (GS)	3	GEOG 161 (concurrent with GEOG 160)	1
		Environmental Program List Course	3
Total Credits:	17	Total Credits:	15.5
<b>Semester 5</b>	<b>Credits</b>	<b>Semester 6</b>	<b>Credits</b>
ARTS (GA), HUMANITIES (GH) or SOCIAL SCIENCE (GS)	3	CHEM 202 or CHEM 221	3-4
ENGL 202A or 202B or 202C (GWS)	3	Science Supporting Course 4XX	3
Foreign Language 1*	4	Environmental Program List Course	3
BIOL 220W or 230W or 240W or MICRB 201	3-4	Foreign Language 2*	4
PHYS 213 or 214 (if following the PHYS 211/212 track)	2	ARTS (GA), HUMANITIES (GH) or SOCIAL SCIENCE (GS)	3
Total Credits:	14-16	Total Credits:	16-17
<b>Semester 7</b>	<b>Credits</b>	<b>Semester 8</b>	<b>Credits</b>
STAT 200 or 250	3-4	BIOL 402W	3
Science Supporting Course 4XX	3	Environmental Program List Course	3
Environmental Program List Course	3	ARTS (GA), HUMANITIES (GH) or SOCIAL SCIENCE (GS)	3
Research, Internship, Field School or Study Abroad	2-4	Environmental Program List Course	3
Geoscience	3	KINES (GHA)	1.5
Total Credits:	14-17	Total Credits:	13.5

- **Bold type** indicates courses requiring a quality grade of C or better.
- A grade of C or better is required for each 300 or 400 level course in the major field.
- For Science Supporting Courses, select 6 credits at the 400 level from the computer sciences, life sciences, mathematical sciences or physical sciences.
- For Environmental Studies Program List Courses, select 9-16 credits. At least 6 credits must have ECON, ECNS, PL SC or POLSC designations and at least 5-7 credits must be at the 400 level. Students may apply 6 credits of basic ROTC in this area.
- GWS, GHA, GQ, GN, GA, GH, and GS are codes used to identify General Education requirements. Six credits are required in each of the GA, GH, and GS categories.
- US, IL, and USI are codes used to designate courses that satisfy United States/International Cultures requirements. Three credits of US and 3 credits of IL are required and can be used to satisfy part of the General Education requirements. A USI course may count as a US or an IL course, but not both.
- W is the code used to designate courses that satisfy the Writing Across the Curriculum requirement.
- Upper-level non-science courses from the Environmental Studies Program List may have prerequisites that may also satisfy part of the General Education requirements.
- The Blue Book is online at <http://www.psu.edu/bulletins/bluebook>
- The University Undergraduate Advising Handbook is online at <http://www.psu.edu/dus/handbook>
- A student must earn a total of at least 120 credits for graduation, with at least 15 credits at the 400 level.
- Students who choose to use their high school foreign language experience to partially or wholly satisfy the foreign language proficiency requirement should take additional courses from the Environmental Studies Program List to meet the 120 credit requirement.
- The following courses may not be used to satisfy degree requirements for this degree:
  - Courses intended for students in associate degree programs
  - Courses that are remedial in nature
  - Courses that substantially duplicate the subject matter covered in other courses taught at a comparable level
- No more than 6 credits of basic ROTC and 8 credits of Research (494), Internship (495), or Independent Study (296, 496) may be used to satisfy degree requirements.
- Environmental Studies Program List:
  - ANTH 011, 045
  - BA 243
  - COMMU 301, 312, 400, 402, 404
  - ECON 002, 004
  - ECNS 430, 470
  - ENGL 180
  - GEOG 010
  - GEOSC 303, 483
  - INTST 100, 400
  - MRKTG 300
  - PHIL 003, 103
  - PL SC 001, 003, 014, 412
  - POLSC 132, 428
- *Revised May 2008, AMF11, E&OE*