

Spring 2020
Bachelor of Science in Environmental Science

BG Perspective (BGP) Requirements

Must complete at least 1 course in each of the following:

English Composition and Oral Communication	
Course	Credits
_____	_____
Quantitative Literacy	
_____	_____

Must Complete at least 2 courses in each of the following:

Humanities and the Arts	
_____	_____
_____	_____
Natural Sciences - at least one Lab Science required	
_____	_____
_____	_____
Social and Behavioral Sciences	
_____	_____
_____	_____

Complete total required BGP credit hours by selecting courses from any of the above categories:

_____	_____
_____	_____
_____	_____
_____	_____

University Requirements Designated courses in Humanities and the Arts and the Social and Behavioral Sciences domains may be used to fulfill both the BGP requirement and one of the following university requirements:

Cultural Diversity in the US	_____
International Perspective	_____

Composition Requirement:

WRIT 1120 Research Writing	_____
<i>Total BGP Credits: Must be at least 36</i>	_____

Arts & Sciences Requirements

Foreign Language (____ yrs of HS____)

_____	1010	_____
_____	1020	_____
_____	2010	_____
_____	2020/2120	_____

Lab Science

Quantitative Literacy

_____ EITHER MATH 1310 OR MATH 1340 & MATH 1350

Multidisciplinary Component Select from approved offerings, in consultation with an advisor and a faculty mentor. Four courses total, each with a different subject prefix. At least two courses at 3000/4000 level. Courses applied to the Arts & Sciences MDC may not be used to fulfill other Arts and Sciences degree requirements, nor may they be used to fulfill major, minor, BGP or other program requirements.

_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

Major Requirements (57-60 Hrs.)/Environmental Core (37-39)

Hrs	Grade	
3	_____	ENVS 1010 Introduction to Environmental Studies
3	_____	ENVS 2020 Environmental Perspectives
3	_____	ENVS 3010 Environmental Problems
3-4	_____	ENVS 3100 Field & Laboratory Methods or
3	_____	ENVS 4020 Environmental Impact Statements
3	_____	SEES 3000 Geospatial Science
3	_____	ENVS 4890 Internship
4	_____	GEOL 1040 Earth Environments
3	_____	MATH 1150 or 2470
5	_____	PHYS 2010 (or 2110) Physics I

Science & Social Science

5	_____	CHEM 1250 General Chemistry
4	_____	CHEM 1270 General Chemistry
1	_____	CHEM 1280 General Chemistry Lab
4	_____	BIOL 2040 General Biology I
3	_____	ECON 2000, 2020, or 3350
3	_____	ACS 3380 or HIST 3380

Choose at least 1 course from the following list:

These courses may not double count in your specialization.

3	_____	BIOL 3010 Field Biology of Vertebrates
4	_____	BIOL 3430 General Botany
3	_____	BIOL 3540 Population & Comm. Ecol.
4-5	_____	CHEM 3060 (or 3410) Organic Chemistry
3	_____	GEOL 3220 Env Geology
3	_____	GEOL 3230 Hydrology
3	_____	PHYS 3600 Environmental Physics

Specialization: (18-23 hours) Choose 1 of the following specializations listed on the second page.

Specialization: _____

_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

Sustainable Management Specialization

Required Courses:

<u>3</u>	ENVS 4200 Environmental Planning
<u>3</u>	GEOL 3230 Hydrology
<u>3</u>	PHYS 3600 Environmental Physics

Choose 3 Courses:

<u>3</u>	ESHP 2040 Introduction to Entrepreneurship
<u>3</u>	ECON 3350 Environmental Economics
<u>3</u>	ENVS 3030 Energy & Sustainability
<u>3</u>	ENVS 4130 Applications in Environmental GIS
<u>3</u>	FIN 3040 Entrepreneurial Finance
<u>3</u>	GEOG 2130 Meteorology
<u>3</u>	GEOL 3220 Environmental Geology
<u>3</u>	LEGS 3040 Law of Entrepreneurs
<u>3</u>	POLS 3030 Introduction to Public Administration
<u>3</u>	POLS 3360 Environmental Politics and Policies

Restoration Specialization

Required Courses:

<u>3</u>	BIOL 4160 Landscape Ecology
<u>4</u>	BIOL 4220 Plant Ecology
<u>3</u>	ENVS 4120 Great Lakes Ecosystems

Choose 3 Courses:

<u>3</u>	BIOL 3010 Field Biology of Vertebrates
<u>4</u>	BIOL 3430 General Botany
<u>3</u>	BIOL 3540 Population & Comm Ecology
<u>3</u>	BIOL 4250 Limnology
<u>3</u>	ENVS 3030 Energy & Sustainability
<u>3</u>	ENVS 4130 Applications in Environmental GIS
<u>3-6</u>	ENVS 4930 Field Experiences
<u>3</u>	GEOL 3220 Environmental Geology
<u>3</u>	GEOL 4100 Geomorphology
<u>3</u>	GEOL 4400 Geologic Remote Sensing or GEOG 4130 Introduction to Remote Sensing
<u>3</u>	GEOL 3230 Hydrology

Education & Interpretation Specialization

Required Courses:

<u>4</u>	BIOL 3430 General Botany
<u>3</u>	ENVS 3340 Natural Area Interpretation
<u>3</u>	ENVS 4160 Environment Education

Choose 3 Courses:

<u>3</u>	BIOL 3010 Field Biology of Vertebrates
<u>4</u>	BIOL 4140 Plant Taxonomy and Evolution
<u>4</u>	BIOL 4220 Plant Ecology
<u>3</u>	BIOL 4350 Entomology
<u>3</u>	BIOL 4720 Ichthyology
<u>4</u>	BIOL 4730 Mammalogy
<u>3</u>	BIOL 4760 Herpetology
<u>3</u>	BIOL 4770 Ornithology
<u>3</u>	ENVS 3030 Energy & Sustainability
<u>3</u>	ENVS 4120 Great Lakes Ecosystems
<u>3</u>	ENVS 4150 Investigating Earth Systems
<u>3-6</u>	ENVS 4930 Field Experiences
<u>4</u>	GEOL 1050 Life through Time
<u>5</u>	GEOL 2500 Field-based Physical Geology
<u>5</u>	GEOL 2510 Field-based Historical Geology
<u>3</u>	HIST 3060 History of Ohio
<u>3</u>	HIST 3190 Indians in American History
<u>3</u>	TLEP 3040 Outdoor Recreation
<u>3</u>	TLEP 3800 Concepts & Techniques in Outdoor Educ

Watershed Management Specialization

Required Courses:

<u>3</u>	BIOL 4160 Landscape Ecology
<u>3</u>	ENVS 3040 Water Quality in the Environment
<u>3-4</u>	GEOL 3230 Introduction to Hydrology or GEOL 4450 Surface Water Hydrogeology

Choose 3 Courses:

<u>3</u>	BIOL 3540 Population & Community Ecology
<u>3</u>	BIOL 4100 Conservation Biology in Practice
<u>4</u>	BIOL 4220 Plant Ecology
<u>3</u>	BIOL 4250 Limnology
<u>3</u>	ENVS 3030 Energy & Sustainability
<u>3</u>	ENVS 4120 Great Lakes Ecosystems
<u>3</u>	ENVS 4130 Applications in Environmental GIS
<u>3</u>	ENVS 4200 Environmental Planning
<u>3</u>	GEOG 4040 Climatology
<u>3</u>	GEOG 4570 Global Water Resources
<u>4</u>	GEOL 4100 Geomorphology
<u>3</u>	PHIL 2320 Environmental Ethics
<u>3</u>	POLS 3030 Public Administration
<u>3</u>	POLS 4300 Local Government Management & Politics

Geospatial Analysis Specialization

Required Courses:

<u>3</u>	CS 1010 Intro to Programming or CS 2010 Intro to Object-Oriented Programming
<u>3</u>	SEES 4100 Geographic Information Systems
<u>3</u>	SEES 4500 Remote Sensing

Choose 3 Courses:

<u>3</u>	BIOL 4160 Landscape Ecology
<u>3</u>	BIOL 4000 Biostatistics
<u>3</u>	CONS 3180 Construction Surveying
<u>3</u>	ENVS 3030 Energy & Sustainability
<u>3</u>	ENVS 4130 Applications in Environmental GIS
<u>3</u>	ENVS 4200 Environmental Planning
<u>3</u>	GEOG 4250 Applied GIS - Human Dimensions
<u>3</u>	GEOG 4260 Urban Geography
<u>3</u>	GEOL 3150 Quantitative Methods in Geology

Name (Print First & Last Name)

BGSU ID#

Phone (Cell or Local Number)

For Graduation You Will Need:

1. 122 credit hours minimum.

In Progress/Completed _____ **Needed** _____

2. Minimum GPA 2.00.

Current GPA _____

3. At least 30 credit hours of BGSU course work.

In Progress/Completed _____ **Needed** _____

4. 40 credit hours at the 3000/4000 level.

In Progress/Completed _____ **Needed** _____

5. Completion of all degree requirements, including the BG Perspective Core.

In Progress/Completed _____ **Needed** _____

6. A major, and if required, a minor, specialization or emphasis.

Declared with the College Office **Yes** **No**

Any substitution or waiver of courses required for your major or minor program must originate in the department/school offering the major or minor and must be approved by the College Office.

To ensure a timely graduation, see a **College Advisor** during the semester prior to your intended graduation.

Remember to complete an **Application for Graduation** by the end of the second week of classes during the fall semester or spring regular session, or by the end of the first week of the summer semester. For the specific dates, check your DARS. You may log onto MyBGSU to complete the online application. After the deadlines, you will need to complete an application in person in the College Office.