

**Fall 2022**  
**Bachelor of Science in Geology**  
**Specialization in Hydrogeology**

**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 Academic Writing	_____
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Total BGP Credits: Must be at least 36 \_\_\_\_\_

**Arts & Sciences Requirements**

**World Languages and Cultures** (\_\_\_\_ yrs of HS \_\_\_\_\_)  
 Consult the Undergraduate Catalog or the Arts and Sciences Student Handbook regarding approved course options in the different language and culture areas.

_____	1010	_____
_____	1020	_____
_____		_____
_____		_____

**Lab Science**

_____	_____
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**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** (43 Hrs.) No Minor Required.

Geology Core (25 Hrs.)

Hrs	Grade	
4	_____	GEOL 1040 Earth Environments OR
		GEOL 1050 Life Through Time
4	_____	GEOL 3020 Earth Materials I
4	_____	GEOL 3090 Earth Structures & Tectonics
3	_____	GEOL 3150 Quantitative Methods in Geology
4	_____	GEOL 3160 Sedimentation & Stratigraphy
6	_____	GEOL 4940 Field Geology (summer only)

**Hydrogeology Specialization** (18 Hrs.)

Choose 2 of the 3 courses

3	_____	GEOL 4450 Surface Water Hydrogeology
3	_____	GEOL 4460 Groundwater Hydrogeology
3	_____	SEES 3230 Introduction to Hydrology

Choose 4 of the following

3	_____	BIOL 4250 Limnology
3	_____	ENVS 3040 Water Quality in the Environment
3	_____	ENVS 4120 Great Lakes Ecosystems
3	_____	GEOG 3030 Severe Weather
3	_____	GEOG 4040 Climatology
3	_____	GEOG 4550 Climate Change: Natural & Human Dimensions
3	_____	GEOL 4100 Geomorphology
3	_____	GEOL 4310 Aqueous Geochemistry
3	_____	SEES 4100 GIS
3	_____	SEES 4500 Remote Sensing
3	_____	SEES 4600 Soil Science

**Additional Required Courses**

4	_____	CHEM 1230 General Chemistry I and
1	_____	CHEM 1240 General Chemistry I Lab <b>or</b>
5	_____	CHEM 1350 General Chemistry
5-6	_____	MATH 1310 or 1340 & 1350
4-5	_____	PHYS 2010 or 2110 OR BIOL 2040
4-5	_____	CHEM 1270 & 1280 or 1370 & 1380
		OR
		PHYS 2020 or 2120 or BIOL 2050
3	_____	SEES 3000

\_\_\_\_\_  
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.