

Fall 2022
Bachelor of Science in Biology
Specialization in Pre-Health Biology

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

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
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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 (47-49 Hrs.) Minor Required

Biology Core (16 hours)

Hrs	Grade	
1	_____	BIOL 2000 Biology Today
4	_____	BIOL 2040 Concepts in Biology I
4	_____	BIOL 2050 Concepts in Biology II
4	_____	BIOL 3500 Genetics
3	_____	BIOL 3510 Evolution

Pre-Health Biology Specialization (31-33 Hrs.)

4	_____	BIOL 3130 Microbiology
8	_____	BIOL 3310 Anatomy and Physiology I AND BIOL 3320 Anatomy and Physiology II
3-4	_____	BIOL 4200 Animal Behavior OR BIOL 4490 Epidemiology
3	_____	BIOL 4390 Immunobiology OR BIOL 4080 Molecular Biology
4	_____	PSYC 1010 General Psychology
3	_____	SOC 1010 Principles of Sociology
3-4	_____	MATH 1150 Introduction to Statistics OR STAT 2000 Using Statistics OR PSYC 2700 Quantitative Methods I OR SOC 2690 Introductory Statistics
3	_____	ECON 2020 Principles of Microeconomics

Biology Electives (10 Hrs.)

To reach the total of ten (10) hours of Biology at the 4000-Level, select from list below. Courses listed in the Pre-Health Biology Specialization may count towards this requirement.

- BIOL 4010 Introduction to Biological Research (1-4)
- BIOL 4050 General Parasitology (4)
- BIOL 4060 Medical Entomology (3)
- BIOL 4070 Cell Biology (4)
- BIOL 4110 Animal Physiology (4)
- BIOL 4180 Neurophysiology (3)
- BIOL 4210 Molecular Biotechnology (3)
- BIOL 4260 Pathogenic Microbiology (3)
- BIOL 4310 Developmental Biology (3)
- BIOL 4400 Molecular Neurobiology (3)
- BIOL 4430 Microbial Physiology (3)
- BIOL 4620 Principles of Biometry (3)
- BIOL 4660 Genomics (3)
- BIOL 4700 Readings in Biological Sciences (1)
- BIOL 4890 Biology Internship (1-3)

_____	_____	_____
_____	_____	_____

Additional Requirements and Minor required. Please see the next page for these requirements.

Additional Requirements (32-33 Hrs.)

General Chemistry I

- _____ 4 _____ CHEM 1230 General Chemistry I and
- _____ 1 _____ CHEM 1240 General Chemistry I Lab **OR**
- _____ 5 _____ CHEM 1350 General Chemistry w/lab

General Chemistry II

- _____ 4 _____ CHEM 1270 or CHEM 1370 General Chemistry II
- _____ 1 _____ CHEM 1280 or CHEM 1380 Gen Chemistry II Lab

Biochemistry

- _____ 3 _____ CHEM 3080 Basic Biochemistry

Organic Chemistry

- _____ 5 _____ CHEM 3410 Organic Chemistry w/Lab
- _____ 3 _____ CHEM 3440 Organic Chemistry
- _____ 1-2 _____ CHEM 3450 or CHEM 3560 Organic Chemistry Lab

Physics

- _____ 5 _____ PHYS 2010 College Physics I OR
- _____ _____ PHYS 2110 University Physics I
- _____ 5 _____ PHYS 2020 College Physics II OR
- _____ _____ PHYS 2120 University Physics II

Minor Requirements: A "Science" minor is offered to students in place of a conventional minor. Consult your Faculty Advisor. Biology courses used in the Biology Core, the Pre-Health Biology Specialization or Biology Electives may not count towards the science minor. A conventional minor may also be chosen (usually 20 hours).

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

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.