

# Spring 2021 - current Bachelor of Science in Neuroscience

## 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	_____
----------------------------	-------

Total BGP Credits: Must be at least 36 \_\_\_\_\_

## 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 (32 Hrs.)

Hrs	Grade	
4	_____	PSYC 1010 General Psychology
4	_____	BIOL 2050 Concepts in Biology II
3	_____	PSYC 3300 Intro to Neuroscience OR
		BIOL 3300 Intro to Behavioral Neuroscience

At least 21 hours of electives including at least one course from Category A and B below chosen in consultation with your Faculty Advisor.

### Category A: Biology

1-4	_____	BIOL 4010 Ind. Research
3	_____	BIOL 4180 Neurophysiology
3	_____	BIOL 4280 Neuroethology
4	_____	BIOL 4200 *Animal Behavior
3	_____	BIOL 4400 *Molecular Neurobiology
3	_____	BIOL 4710 Sensory Ecology
1	_____	BIOL 4900** Undergraduate Seminar

### Category B: Psychology

4	_____	PSYC 3280 *Psychophysiology
3	_____	PSYC 3310 Psychopharmacology
4	_____	PSYC 3320 *Neuroscience of Emotion
4	_____	PSYC 3330 *Cognitive Neuroscience
3	_____	PSYC 3340 Behavioral and Neural Genetics
3	_____	PSYC 3350 Psychoneuroendocrinology
3	_____	PSYC 3360 Forensic Neuroscience
4	_____	PSYC 3810 Sensation and Perception
1-4	_____	PSYC 4400** General Seminar
1-4	_____	PSYC 4900** Independent Research in PSYC

### Category C: Neuroscience

1	_____	NEUR 4500 Neuroscience Seminar
1-3	_____	NEUR 4700 Introduction to Neur. Research

\*These courses require either additional prerequisites or consent of the instructor. See Undergraduate Catalog.

\*\* Must have approval of Neuroscience Program to count toward major.

### Other Science Core Requirements

5	_____	PHYS 2010 College Physics
5-6	_____	MATH 1310 OR 1340 and 1350 (QL)
4	_____	CHEM 1230 General Chemistry I and
1	_____	CHEM 1240 General Chemistry I Lab <b>OR</b>
5	_____	CHEM 1350 General Chemistry
4	_____	CHEM 1270 or 1370 General Chemistry
1	_____	CHEM 1280 or 1380 General Chemistry Lab
4-10	_____	CHEM 3060 QR (CHEM 3410 & 3440 and either CHEM 3450 or 3460)

### Optional Courses

3	_____	CHEM 3080 ++Biochemistry
2-3	_____	CHEM 3090 ++Biochemistry and either CHEM 3450 or 3460

++Pre-med. students might find CHEM 4450, 4460, and 4470 more suitable.

**Minor Requirements:** A "general science" minor is offered to students in place of a conventional minor. Consult your Faculty Advisor. (A conventional minor may also be chosen, usually 21 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.