

Fall 2022
Bachelor of Science in Chemistry
Forensic Chemistry Specialization

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	_____
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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 (42 Hrs.)

Hrs	Grade	
4	_____	CHEM 1230 General Chemistry I and
1	_____	CHEM 1240 General Chemistry I Lab OR
5	_____	CHEM 1350 General Chemistry
4	_____	CHEM 1270 or 1370 General Chemistry
1	_____	CHEM 1280 or 1380 General Chemistry Lab
3	_____	CHEM 2010 Quantitative Chemical Analysis
5	_____	CHEM 3410 Organic Chemistry
3	_____	CHEM 3440 Organic Chemistry
2	_____	CHEM 3450 Organic Chemistry Lab
4	_____	CHEM 4050 Physical Chemistry
4	_____	CHEM 4060 Physical Chemistry
2	_____	CHEM 4070 Integrated Lab
2	_____	CHEM 4080 Integrated Lab
3	_____	CHEM 4540 Instr. Meth. Of Analysis
4	_____	CHEM 4770 Forensic Chemistry

Additional Specific Requirements (21 hours)

5	_____	PHYS 2010 or 2110 University Physics I
5	_____	PHYS 2020 or 2120 University Physics II
5	_____	MATH 2320 Calc. & Analy. Geometry II
3	_____	MATH 2470 Fund. of Statistics
3	_____	CRJU 4400 Law, Evid. & Proc. in For. Science

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 20 hours)

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

ACS Certification

By adding the following courses the Chemistry: Forensic Chemistry Specialization BS degree is eligible for certification by the American Chemical Society.

3	_____	CHEM 4450 or 3080 Biochemistry
3	_____	CHEM 4630 Advanced Inorganic Chemistry

The ACS strongly recommends completion of courses in calculus-based physics (two-semester) and the study of multivariable calculus, linear algebra, and differential equations, as well as an undergraduate research experience such as CHEM 4130.

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.