

Fall 2014 Bachelor of Science Junior Audit for

College of Arts & Sciences  
205 Administration Building  
419-372-2015

Chemistry

Chemistry  
141 Overman Hall  
419-372-2031

Name \_\_\_\_\_ BGSU ID \_\_\_\_\_

Return Address \_\_\_\_\_

Phone Number \_\_\_\_\_ Expected Date of Graduation \_\_\_\_\_

BG Perspective Requirements: 2 Natural Sciences \_\_\_\_\_, 2 Social Sciences \_\_\_\_\_,  
2 Arts & Humanities \_\_\_\_\_, International Perspective \_\_\_\_\_, Cultural Diversity \_\_\_\_\_,  
GSW 1120 \_\_\_\_\_, Quantitative Literacy (Group C Recommended) \_\_\_\_\_  
*These courses may apply toward the requirements listed below*

**I. English Composition** (Only 6 hours GSW 1100, 1110, 1120 will apply towards graduation)

Hrs	Grade	
_____	_____	GSW 1100/1110
_____	_____	GSW 1120

**II. Foreign Language** (\_\_\_\_\_ yrs HS \_\_\_\_\_)

(Courses used for the foreign language requirement may not be used for major or minor requirements)

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

**III. Science & Math**

45 hours in 2 or more areas including major and lab science sequence

_____	_____	MATH 1310 or 1340 & 1350 (QL)
_____	_____	CHEM 1250 or 1350 General Chemistry
_____	_____	CHEM 1270 & 1280, or 1370 & 1380
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

**IV. Social Sciences**

Choose 4 courses

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

**V. Arts & Humanities**

4 courses, at least 1 literature and 1 fine art

_____	_____	Literature _____
_____	_____	Fine Arts _____
_____	_____	_____
_____	_____	_____

**Major Requirements** (44 hours)

Hrs	Grade	
5	_____	CHEM 1250 or 1350
4	_____	CHEM 1270 or 1370
1	_____	CHEM 1280 or 1380
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

6 additional hours of courses from CHEM 3080, 4130, 4160, 4420, 4450, 4460, 4470, 4630, 4660. A maximum of 3 hours of CHEM 4130 is allowed

_____	_____	_____
_____	_____	_____

**Additional Specific Requirements**

5	_____	PHYS 2010 or 2110 University Physics I
5	_____	PHYS 2020 or 2120 University Physics II
5	_____	MATH 2320 Calc. & Analy. Geometry II

**ACS Certification**

By completing the degree requirements with the following options and additional courses the Chemistry BS degree is eligible for certification by the American Chemical Society.

3	_____	CHEM 4450 or 3080
3	_____	CHEM 4630 Advanced Inorganic Chemistry
3	_____	Three additional credit hours from the following: CHEM 4130 <sup>1</sup> , 4160, 4420, 4470, or 4660
1	_____	One additional laboratory credit hour from the following: CHEM 3090, 4130 <sup>2</sup> , or 4460

<sup>1,2</sup>CHEM 4130 hours can be used to count for both requirements.

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

*Note important information on other side*

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INSTRUCTIONS:

You must complete an official junior audit with your college advisor during your **junior** year [60-89 hours]. To do so, you must schedule an appointment with a college advisor. You should bring a completed copy of this check sheet and a current copy of your Degree Audit Reporting System (DARS) report. Your college advisor will provide you with a detailed form that specifies your remaining requirements for graduation.

FOR GRADUATION YOU WILL NEED

1. Minimum GPA 2.00
2. 122 credit hours minimum, and,
3. A major, and if required, a minor, specialization or emphasis
4. 40 credit hours at the 3000/4000 level
5. Completion of all degree requirements, including the BG Perspective Core
6. At least 30 credit hours of BGSU course work
7. An official audit completed during the junior year, on file in the College Office

Any substitution or waiver of courses required for your major program **must** originate in the department/school offering the major program 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 and spring semesters, or by the end of the first week of the summer semester. For the specific dates, check with the College office or the Office of Registration and Records. You may log onto **MyBGSU** to complete the on-line application. After the deadlines, you will need to complete an application in person in the College office.

**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)

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

\_\_\_\_\_  
College Advisor’s Signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
Student’s Signature

\_\_\_\_\_  
Date