

# 2010-2011 Bachelor of Science Junior Audit for Chemistry

## Biochemistry Specialization

College of Arts and Sciences  
205 Administration Building  
372-2015

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 in U.S.: \_\_\_\_\_,  
GSW 1120 \_\_\_\_\_

These courses may apply toward the requirements listed below.

### MAJOR REQUIREMENTS (35-40 hours)

**I. English Composition**

(Only 6 hours GSW 1100, 1110, 1120 will apply toward graduation)

Hrs. Grade  
\_\_\_\_\_ GSW 1100/1110  
\_\_\_\_\_ GSW 1120

Hrs.	Grade	
5	_____	CHEM 1250 or 1350 Gen. Chem. I
4	_____	CHEM 1270 or 1370 Gen. Chem. II
1	_____	CHEM 1280 or 1380 Gen. Chem. II Lab
3	_____	CHEM 2010 Quantitative Analysis
5	_____	CHEM 3410 Organic Chemistry
3	_____	CHEM 3440 Organic Chemistry
2	_____	CHEM 3450 Organic Chemistry Lab
2	_____	CHEM 4070 Integrated Lab
3	_____	CHEM 4450 General Biochemistry
1	_____	CHEM 4460 General Biochemistry Lab
3	_____	CHEM 4470 General Biochemistry

**II. Foreign Language** (\_\_\_\_ yrs. H.S. \_\_\_\_)

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

\_\_\_\_\_ 1010 \_\_\_\_\_  
\_\_\_\_\_ 1020 \_\_\_\_\_  
\_\_\_\_\_ 2010 \_\_\_\_\_  
\_\_\_\_\_ 2020/2120 \_\_\_\_\_

Complete all courses in either Track 1 or Track 2

Track 1\*

4	_____	CHEM 4050 Physical Chemistry
4	_____	CHEM 4060 Physical Chemistry
5-4	_____	BIOL 2040 Concepts in Biology I or BIOL 3130 Microbiology
5	_____	MATH 2320 Calc. and Analytical Geom. II

Track 2\*

3	_____	CHEM 3520 Physical Chemistry
5	_____	BIOL 2040 Concepts in Biology I
4	_____	BIOL 3130 Microbiology
4	_____	BIOL 3500 General Genetics

\* Biology and Math courses may be used in minors.

**III. Science & Math**

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

\_\_\_\_\_ MATH 1310 (or 1340 & 1350)  
\_\_\_\_\_ CHEM 1250 or 1350 Gen. Chemistry  
\_\_\_\_\_ CHEM 1270 & 1280 or 1370 & 1380  
\_\_\_\_\_  
\_\_\_\_\_

**IV. Social Sciences**

Choose 4 courses

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Additional Specific Requirements**

5	_____	PHYS 2010 or PHYS 2110 College or Univ. Physics I
5	_____	PHYS 2020 or PHYS 2120 College or Univ. Physics II
5	_____	BIOL 2050 Concepts in Biology II

**V. Arts and Humanities**

4 courses, at least 1 literature and 1 fine art

\_\_\_\_\_ Literature \_\_\_\_\_  
\_\_\_\_\_ Fine Arts \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Minor Requirements:** You must complete a minor. A "general science" minor is also available. Consult your Faculty Advisor.

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

*Note important information on other side*

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**INSTRUCTIONS:**

This check sheet must be completed, signed by your Faculty Advisor and returned to the College Office during your *junior* year (60-89 hours). Your academic records will be reviewed by a College Advisor, and a detailed notice of remaining graduation requirements will be returned to you. Lists of the courses that meet the degree requirements may be obtained from the College Office.

**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 of A&S 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 of A&S 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.

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Faculty Advisor's Signature

Date

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Student's Signature

Date