

Note: When viewing on-line, click any underlined course prefix to display current course descriptions (may not be available in some browsers).

## 2008-09 Bachelor of Science Junior Audit for BIOLOGY Marine and Aquatic Biology Specialization

College of Arts and Sciences  
205 Administration Building  
372-2015

Biological Sciences  
217 Life Sciences Building  
419-372-2332

Name \_\_\_\_\_ PID# \_\_\_\_\_  
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.: \_\_\_\_\_, English 112 \_\_\_\_\_

These courses may apply toward the requirements listed below.

### I. English Composition

(Only 6 hours ENG 110, 111, 112 will apply toward graduation)

Hrs.	Grade	
_____	_____	ENG 110/111
_____	_____	ENG 112

### II. Foreign Language (\_\_\_\_yrs. H.S.\_\_\_\_)

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

_____	_____	101
_____	_____	102
_____	_____	201
_____	_____	202/212

### III. Science & Math

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

_____	_____	MATH 131 (or 134 & 135)
<u>  x  </u>	<u>  x  </u>	BIOL 204 Concepts in BIOL I
<u>  x  </u>	<u>  x  </u>	BIOL 205 Concepts in BIOL II
_____	_____	

### IV. Social Sciences

Choose 4 courses

_____	_____	
_____	_____	
_____	_____	
_____	_____	

### V. Arts and Humanities

4 courses, at least 1 literature and 1 fine art

_____	_____	Literature
_____	_____	Fine Arts
_____	_____	
_____	_____	

### Additional Biology Required Courses: Chemistry & Physics

<u>  5  </u>	_____	CHEM 125 or 135 General Chemistry
<u>  4  </u>	_____	CHEM 127 or 137 General Chemistry
<u>  1  </u>	_____	CHEM 128 or 138 General Chemistry Lab
<u> 4-5 </u>	_____	CHEM 306 Organic Chemistry or 341
<u>  5  </u>	_____	PHYS 201 College Physics I

### MAJOR REQUIREMENTS (35+ hours)

Core courses in Biology (15 hours):

Hrs.	Grade	
<u>  1  </u>	_____	BIOL 200 Biology Today
<u>  5  </u>	_____	BIOL 204 Concepts in Biology I
<u>  5  </u>	_____	BIOL 205 Concepts in Biology II
<u>  4  </u>	_____	BIOL 350 Genetics

Select 1 elective course to complete Biol. Major Group III requirement:

_____	_____	BIOL 407, 408, 411, 417, 418, 421, 431
_____	_____	438, 439, 440, 442, 443, 446, 447

### Marine and Aquatic Biology Specialization:

Courses required (10+ hours):

<u>  3  </u>	_____	BIOL 354 Principles of Ecology
<u>  3  </u>	_____	BIOL 370 Intro to Inland Marine Res.
<u>  3  </u>	_____	BIOL 374 Marine Biology
<u> 1-6 </u>	_____	Field course (BIOL 403, 475, 487, or 488)

Electives (select at least 1 course from each of the following 3 groups. Ensure that you have at least 10 hours of courses at the 400 level):

#### Group A: Ecology & Conservation

<u>  3  </u>	_____	BIOL 409 Conservation Biology
<u>  3  </u>	_____	BIOL 410 Conservation Biology in Practice
<u>  3  </u>	_____	BIOL 416 Landscape Ecology
<u>  4  </u>	_____	BIOL 420 Animal Behavior
<u>  4  </u>	_____	BIOL 422 Plant Ecology
<u>  3  </u>	_____	BIOL 425 Limnology
<u>  3  </u>	_____	BIOL 441 Chemical Ecology
<u>  4  </u>	_____	BIOL 445 Environmental Microbiology
<u>  3  </u>	_____	BIOL 451 Evolution
<u>  3  </u>	_____	ENVS 412 Great Lakes Ecosystems

#### Group B: Biodiversity

<u>  3  </u>	_____	BIOL 301 Field Biology of the Vertebrates
<u>  4  </u>	_____	BIOL 313 Microbiology
<u>  4  </u>	_____	BIOL 343 Botany
<u>  4  </u>	_____	BIOL 405 Parasitology
<u>  4  </u>	_____	BIOL 414 Plant Taxonomy and Evolution
<u>  4  </u>	_____	BIOL 424 Algology
<u>  4  </u>	_____	BIOL 427 Invertebrate Biology
<u>  4  </u>	_____	BIOL 435 Entomology
<u>  3  </u>	_____	BIOL 472 Ichthyology
<u>  4  </u>	_____	BIOL 473 Mammalogy
<u>  3  </u>	_____	BIOL 476 Herpetology
<u>  3  </u>	_____	BIOL 477 Ornithology

#### Group C: Quantitative & Applied Science

<u> 1-4 </u>	_____	BIOL 401 Biological Research
<u> 1-3 </u>	_____	BIOL 489 Biology Internship
<u>  3  </u>	_____	GEOG 413 Introduction to Remote Sensing
<u>  4  </u>	_____	GEOL 440 Geologic Remote Sensing
<u>  3  </u>	_____	SEES 300 Geospatial Science
<u>  3  </u>	_____	Statistics (STAT 211, MATH 247, or BIOL 462)

**Note: Important information on reverse side.**

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**Biology Electives:** These courses do not meet the group requirements but do count toward the 10 hours of required courses at the 400 level: BIOL 450, 470, 490.

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, no Biology courses can be used.)

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

**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 300/400 level
5. Completion of all degree requirements, including the BG Perspective Core
6. Residence for your last 30 hours (i.e., BGSU credits)
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 of A&S 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 Adviser's Signature

Date

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Student's Signature

Date