

**2010-2011 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 Science Building
419-372-2332

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.: _____, English 112 _____

These courses may apply toward the requirements listed below.

MAJOR REQUIREMENTS (36+ hours)

Core courses in Biology (15 hours):

Hrs.	Grade	
<u>1</u>	_____	BIOL 2000 Biology Today
<u>5</u>	_____	BIOL 2040 Concepts in Biology I
<u>5</u>	_____	BIOL 2050 Concepts in Biology II
<u>4</u>	_____	BIOL 3500 Genetics

I. English Composition

(Only 6 hours GSW 1100, 1110, 1120 will apply toward graduation)
Hrs. Grade
_____ GSW 1100/1110
_____ GSW 1120

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 _____

Select 1 elective course to complete Biol. Major Group III requirement:
_____ BIOL 4070, 4080, 4110, 4170, 4180, 4210, 4310
_____ 4380, 4390, 4400, 4420, 4430, 4460, 4470

Marine and Aquatic Biology Specialization:

Courses required (11+ hours):

<u>3</u>	_____	BIOL 3540 Principles of Ecology
<u>3</u>	_____	BIOL 3700 Intro to Inland Marine Res.
<u>3</u>	_____	BIOL 3740 Marine Biology
<u>1-6</u>	_____	Field course (BIOL 4750, 4870, or 4880)
<u>1</u>	_____	BIOL 4520 <u>or</u> BIOL 4540

III. Science & Math

45 hours in 2 or more areas including major and lab science sequence
_____ MATH 1310 (or 1340 & 1350)
x x BIOL 2040 Concepts in BIOL I
x x BIOL 2050 Concepts in BIOL II

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 4000 level)

A maximum of 5 credit hours from the following courses may be included in the 10 credit hours of 4000-level Biology required for the major: BIOL 4010, 4520, 4530, 4540, 4700, 4890.

IV. Social Sciences

Choose 4 courses

Group A: Ecology & Conservation

<u>3</u>	_____	BIOL 4090 Conservation Biology
<u>3</u>	_____	BIOL 4100 Conservation Biology in Practice
<u>3</u>	_____	BIOL 4160 Landscape Ecology
<u>4</u>	_____	BIOL 4200 Animal Behavior
<u>4</u>	_____	BIOL 4220 Plant Ecology
<u>3</u>	_____	BIOL 4250 Limnology
<u>3</u>	_____	BIOL 4410 Chemical Ecology
<u>4</u>	_____	BIOL 4450 Environmental Microbiology
<u>3</u>	_____	BIOL 4510 Evolution
<u>3</u>	_____	BIOL 4710 Sensory Ecology
<u>3</u>	_____	ENVS 4120 Great Lakes Ecosystems

V. Arts and Humanities

4 courses, at least 1 literature and 1 fine art
_____ Literature _____
_____ Fine Arts _____

Additional Biology Required Courses: Chemistry & Physics

5 _____ CHEM 1250 or 1350 General Chemistry
4 _____ CHEM 1270 or 1370 General Chemistry
1 _____ CHEM 1280 or 1380 General Chemistry Lab
4-5 _____ CHEM 3060 Organic Chemistry or 3410
5 _____ PHYS 2010 College Physics I

Group B: Biodiversity

<u>3</u>	_____	BIOL 3010 Field Biology of the Vertebrates
<u>4</u>	_____	BIOL 3130 Microbiology
<u>4</u>	_____	BIOL 3430 Botany
<u>4</u>	_____	BIOL 4050 Parasitology
<u>4</u>	_____	BIOL 4140 Plant Taxonomy and Evolution
<u>4</u>	_____	BIOL 4240 Algology
<u>4</u>	_____	BIOL 4270 Invertebrate Biology
<u>4</u>	_____	BIOL 4350 Entomology
<u>3</u>	_____	BIOL 4720 Ichthyology
<u>4</u>	_____	BIOL 4730 Mammalogy
<u>3</u>	_____	BIOL 4760 Herpetology
<u>3</u>	_____	BIOL 4770 Ornithology

Note: Important information on other side.

Group C and Minor are listed on other side.

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Group C: Quantitative & Applied Science

<u>1-4</u>	_____	BIOL 4010 Biological Research
<u>1-3</u>	_____	BIOL 4890 Biology Internship
<u>3</u>	_____	GEOG 4130 Introduction to Remote Sensing
<u>3</u>	_____	GEOG 4240 Geog. Info. Systems
<u>4</u>	_____	GEOL 4400 Geologic Remote Sensing
<u>3</u>	_____	SEES 3000 Geospatial Science
<u>3</u>	_____	Statistics (STAT 2110, MATH 2470, or BIOL 4620)

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.)

_____	_____	_____
_____	_____	_____
_____	_____	_____

Biology Electives: These courses do not meet the group requirements but do count toward the 10 hours of required courses at the 4000 level: BIOL 4500, 4700, 4900.

INSTRUCTIONS: The check sheet on the other side of this page 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. 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 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.

Faculty Adviser’s Signature

Date

Student’s Signature

Date