

2009/10 Bachelor of Science Junior Audit for

College of Arts & Sciences

205 Administration Building

419-372-2015

Biology

Marine & Aquatic Biology Specialization

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 _____,
 GSW 1100 _____
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)
<u> X </u>	<u> X </u>	BIOL 2040 Concepts in BIOL I
<u> X </u>	<u> X </u>	BIOL 2050 Concepts in BIOL II
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

IV. Social Sciences

Choose 4 courses

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

V. Arts & Humanities

4 courses, at least 1 literature and 1 fine art

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

Additional Biology Required Courses: Chemistry & Physics

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

Major Requirements (35+ hours)

Core courses in Biology (15 hours)

Hrs	Grade	
_____	_____	BIOL 2000 Biology Today
_____	_____	BIOL 2040 Concepts in Biology I
_____	_____	BIOL 2050 Concepts in Biology II
_____	_____	BIOL 3500 Genetics

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 & Aquatic Biology Specialization

Courses required (10+ hours)

_____	_____	BIOL 3540 Principles of Ecology
_____	_____	BIOL 3700 Intro to Inland Marine Res
_____	_____	BIOL 3740 Marine Biology
_____	_____	Field Course (BIOL 4750, 4870, or 4880)

Electives (select at least 1 course from each of the following 3 groups. Ensure that you have at last 10 hours of courses at the 4000 level)

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

Group A: Ecology & Conservation

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

Group B: Biodiversity

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

Group C and Minor are listed on other side.

Note important information on other side

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Group C: Quantitative & Applied Science

1-4	BIOL 4010 Biological Research
1-3	BIOL 4520 Aquarium Husbandry
1-3	BIOL 4530 Amphibian and Reptile Husbandry
1	BIOL 4540 Biology Lab Tour
1-3	BIOL 4890 Biology Internship
3	GEOG 4130 Introduction to Remote Sensing
4	GEOL 4400 Geologic Remote Sensing
3	SEES 3000 Geospatial Science
3	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 group requirements but **do** count towards 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 hrs.). 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 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.

Faculty Advisor's Signature

Date

Student's Signature

Date