

2009/10 Bachelor of Science Junior Audit for

College of Arts & Sciences

205 Administration Building
419-372-2015

Biology

Ecology & Conservation 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 1120 _____
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

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, 4890.

Major Requirements (36-37 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 Biology Major Group requirement

_____	_____	BIOL 4070 Cell Biology
_____	_____	BIOL 4080 Molecular Biology
_____	_____	BIOL 4110 Animal Physiology
_____	_____	BIOL 4210 Molecular Biotechnology

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Courses required (9 hours)

_____	_____	BIOL 3540 Principles of Ecology
_____	_____	BIOL 4090 Conservation Biology
_____	_____	BIOL 4510 Evolution

Electives (9 hours with at least 3 credit hours in each of the following 3 groups)

Group A: Ecology & Conservation

_____	_____	BIOL 4100 Conservation Biology in Practice
_____	_____	BIOL 4160 Landscape Ecology
_____	_____	BIOL 4200 Animal Behavior
_____	_____	BIOL 4220 Plant Ecology
_____	_____	BIOL 4250 Limnology
_____	_____	BIOL 4450 Environmental Microbiology
_____	_____	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 3740 Marine Biology
_____	_____	BIOL 4050 Parasitology
_____	_____	BIOL 4140 Plant Taxonomy and Evolution
_____	_____	BIOL 4270 Invertebrate Biology
_____	_____	BIOL 4350 Entomology
_____	_____	BIOL 4720 Ichthyology
_____	_____	BIOL 4730 Mammalogy
_____	_____	BIOL 4760 Herpetology
_____	_____	BIOL 4770 Ornithology

Group C: Quantitative & Applied Science

_____	_____	BIOL 4010 Biological Research
_____	_____	BIOL 4520 Aquarium Husbandry
_____	_____	BIOL 4530 Amphibian & Reptile Husbandry
_____	_____	BIOL 4540 Biology Learning Environment Tours
_____	_____	BIOL 4620 Principles of Biometry
_____	_____	BIOL 4890 Biology Internship
_____	_____	ENVS 3010 Environmental Problems
_____	_____	ENVS 4020 Environmental Impact Statements
_____	_____	SEES 3000 Geospatial Science

Note important information on other side

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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.

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)

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

Faculty Advisor's Signature Date

Student's Signature Date