

**2009/10 Bachelor of Science Junior Audit for**

**College of Arts & Sciences**

205 Administration Building

419-372-2015

**Environmental Science**

**Environment & Sustainability**

246 Shatzel Hall

419-372-8207

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

5-6	_____	MATH 1310 (or 1340 & 1350)
5	_____	CHEM 1250 General Chemistry
4	_____	CHEM 1270 General Chemistry
1	_____	CHEM 1280 General Chemistry Lab
5	_____	BIOL 2040 Concepts in Biology I

**IV. Social Sciences**

Choose 4 courses

_____	_____	ECON 2000, 2020 or 3350
_____	_____	ACS 3380 or HIST 3380
_____	_____	_____
_____	_____	_____

**V. Arts & Humanities**

4 courses, at least 1 literature and 1 fine art

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

**Major Requirements (56-59)**

Environmental Core (35)

Hrs	Grade	
3	_____	ENVS 1010 Introduction to Environmental Studies
3	_____	ENVS 2020 Environmental Perspectives
3	_____	ENVS 3010 Environmental Problems
4	_____	ENVS 3100 Field & Laboratory Methods
3	_____	ENVS 4020 Environmental Impact Statements
4	_____	ENVS 4030 or GEOL 4030 or GEOG 4240 - GIS
3	_____	ENVS 4700 Independent Study or ENVS 4890 Internship
4	_____	GEOL 1040 Earth Environments
3	_____	MATH 1150 or 2470
5	_____	PHYS 2010 (or 2110) Physics I

Choose at least 1 course from the following list:

These courses may **not** double count in your specialization.

3	_____	BIOL 3010 Field Biology of Vertebrates
4	_____	BIOL 3430 General Botany
3	_____	BIOL 3540 Population & Comm. Ecol.
4-5	_____	CHEM 3060 (or 3410) Organic Chemistry
3	_____	GEOL 3220 Human Env Geology
3	_____	GEOL 4800 Hydrology
3	_____	PHYS 3600 Environmental Physics

**Specialization: Choose 1 of the following specializations (18-19 hours)**

**Sustainable Management Specialization**

**Required Courses**

3	_____	ENVS 4200 Environmental Planning
3	_____	GEOL 4800 Hydrology
3	_____	PHYS 3600 Environmental Physics

**Choose 3 Courses**

3	_____	BA 2040 Introduction to Entrepreneurship
3	_____	ECON 3350 Environmental Economics
3	_____	ENVH 3010 Public Health and Sanitation
3	_____	ENVH 3040 Air Quality Management
3	_____	ENVH 3060 Environmental Regulation, Org. & Admin
3	_____	ENVH 3090 Environmental Assessment I
3	_____	ENVH 3100 Environmental Assessment II
3	_____	ENVH 4020 Principles of Water Quality
3	_____	ENVR 4210 Industrial Pollution Control
3	_____	ENVS 4000 Special Topics in Sustainability
3	_____	ENVS 4130 Applied Environmental GIS
3	_____	FIN 3040 Entrepreneurial Finance
3	_____	GEOG 2130 Meteorology
3	_____	GEOL 3220 Human Environmental Geology
3	_____	LEGS 3040 Law of Entrepreneurs
3	_____	POLS 3030 Introduction to Public Administration
3	_____	POLS 3360 Environmental Politics and Policies

*Note important information on other side*

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### Restoration Specialization

#### Required Courses:

3	BIOL 4160 Landscape Ecology
3	BIOL 4220 Restoration Ecology
3	ENVS 4120 Great Lakes Ecosystems

#### Choose 3 Courses:

3	BIOL 3010 Field Biology of Vertebrates
3	BIOL 3430 General Botany
3	BIOL 3500 Genetics
3	BIOL 3540 Population & Comm Ecology
3	BIOL 4250 Limnology
3	ENVH 3090 Environmental Assessment I
3	ENVS 4000 Special Topics in Restoration
3	ENVS 4130 Applied Environmental GIS
3	ENVS 4930 Field Experiences
3	GEOL 3220 Human Environmental Geology
3	GEOL 4100 Geomorphology
3	GEOL 4400 Geologic Remote Sensing or GEOG 4130 Introduction to Remote Sensing
3	GEOL 4800 Hydrology

### Education & Interpretation Specialization

#### Required Courses:

3	BIOL 3010 Field Biology of Vertebrates
3	BIOL 3430 General Botany
3	ENVS 3340 Natural Area Interpretation
3	ENVS 4150 Strategies & Resources for ENV ED

#### Choose 2 Courses:

3	BIOL 4140 Plant Taxonomy and Evolution
3	BIOL 4220 Restoration Ecology
3	BIOL 4350 Entomology
3	BIOL 4720 Ichthyology
3	BIOL 4730 Mammalogy
3	BIOL 4760 Herpetology
3	BIOL 4770 Ornithology
3	EDFI 4160 Philosophy of Env Education
3	ENVS 4120 Great Lakes Ecosystems
3	ENVS 4930 Field Experiences
3	GEOL 1050 Life through Time
3	GEOL 2500 Field-based Physical Geology
3	GEOL 2510 Field-based Historical Geology
3	HIST 3060 History of Ohio
3	HIST 3190 Indians in American History
3	RTD 3040 Outdoor Recreation
3	RTD 3800 Concepts & Techniques in Outdoor Educ

### Watershed Management Specialization

#### Required Courses:

3	BIOL 4160 Landscape Ecology
3	ENVH 4020 Principles of Water Quality
3	GEOL 4800 Hydrology or GEOL 4450 Surface Water Hydrogeology

#### Choose 3 Courses:

3	BIOL 3540 Population & Community Ecology
3	BIOL 4100 Conservation Biology in Practice
3	BIOL 4220 Plant Ecology
3	BIOL 4250 Limnology
3	ENVH 3090 Environmental Assessment I
3	ENVS 4120 Great Lakes Ecosystems
3	ENVS 4130 Applied Environmental GIS
3	ENVS 4200 Environmental Planning
3	GEOG 4040 Climatology
3	GEOG 4570 Global Water Resources
3	GEOL 4100 Geomorphology
3	PHIL 3320 Environmental Ethics
3	POLS 3030 Public Administration
3	POLS 4300 Local Government Management

### Geospatial Analysis Specialization

#### Required Courses:

3	CS 1010 Intro to Programming or CS 2010 Intro to Object-Oriented Programming
3	ENVS 4130 Applied Environmental GIS
3	GEOL 4400 Geologic Remote Sensing or GEOG 4130 Introduction to Remote Sensing

#### Choose 3 Courses:

3	BIOL 4160 Landscape Ecology
3	BIOL 4000 Biostatistics
3	CONS 3180 Construction Surveying
3	ENVS 4200 Environmental Planning
3	GEOG 3210 Cartography & Map Communications
3	GEOG 4250 Applied GIS - Human Dimensions
3	GEOG 4260 Urban Geography
3	GEOL 3150 Quantitative Methods in Geology

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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.

\_\_\_\_\_  
Faculty Advisor's Signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
Student's Signature

\_\_\_\_\_  
Date