

# B.A. in Environmental Studies

Revised: 4/24/09 [52—57 credits]

Name \_\_\_\_\_

Advisor \_\_\_\_\_

E-Mail \_\_\_\_\_

Telephone \_\_\_\_\_

## I. Foundation Courses [7]

\_\_\_\_\_ **GES 120:** Environmental Science & Conservation [3]

\_\_\_\_\_ **GES 220:** Lab & Field Techniques for Environmental Science [4]

## II. Social Science and Humanities [6]

Two courses from the following:

**ECON 101:** Principles of Microeconomics [3]

**POLI 100:** American Government and Politics [3]

**ANTH 211:** Cultural Anthropology [3]

**PHIL 150:** Contemporary Moral Issues [3] *or* **PHIL 152:** Introduction to Moral Theory [3]

**HCST 100:** Human Context of Science and Technology [3]

1) \_\_\_\_\_ 2) \_\_\_\_\_

## III. Math and Natural Sciences [21-23]

\_\_\_\_\_ **GES 110:** Physical Geography [3]

\_\_\_\_\_ **MATH 150:** Precalculus [4]

\_\_\_\_\_ **BIOL 100:** Concepts of Biology [4] *or* **CHEM 101:** Principles of Chemistry [4]

Two additional courses from approved list at right [6-8]



1) \_\_\_\_\_ 2) \_\_\_\_\_

... and one course from the following:

**STAT 121:** Introduction to Statistics for the Social Sciences [4]

**STAT 350:** Statistics with Applications in the Biological Sciences [4]

**STAT 351:** Applied Statistics for Business and Economics [4]

**STAT 355:** Introduction to Probability & Statistics for Scientists & Eng. [4]

1) \_\_\_\_\_

**GES 302:** Selected Topics\*  
**GES 305:** Landscape Ecology [3]  
**GES 307:** Conservation Biology [3]  
**GES 308:** Ecology [3]  
**GES 310:** Geomorphology [3]  
**GES 311:** Weather & Climate [3]  
**GES 313:** Biogeography [3]  
**GES 314:** Geography of Soils [3]  
**GES 400:** Selected Topics \*  
**GES 405:** App Landscape Ecology [4]  
**GES 406:** Aquatic Ecology [4]  
**GES 408:** Field Ecology [4]  
**GES 411:** Fluvial Morphology [3]  
**GES 412:** Biogeochemical Cycles [3]  
**GES 413:** Seminar in Biogeography [3]  
**GES 415:** Climate Change [3]  
**GES 416:** Hydrology [4]  
**GES 485:** Field Research [3]  
**STAT 414:** Env. Statistics [3]

**\* Selected Topics courses must have advisor approval.**

## IV. Suggested Areas of Concentration [6 courses, 18-21 credits]

At least six upper-level courses in consultation with your advisor. At least one course must be at the 400 level. One techniques course is allowed, and is restricted to GES 386. One additional physical-environment course is allowed from the list in section III. A maximum of 2 courses in the concentration may be completed from outside the department (this includes transferred courses, courses taken abroad, and courses taken in other departments at UMBC).

1) \_\_\_\_\_ 2) \_\_\_\_\_

3) \_\_\_\_\_ 4) \_\_\_\_\_

5) \_\_\_\_\_ 6) \_\_\_\_\_