

2008-2009

**ENVIRONMENTAL SYSTEMS/ECOLOGY, BEHAVIOR, AND EVOLUTION DEGREE  
CHECK LIST**

**LOWER-DIVISION CORE REQUIREMENTS**

Biology BILD 3 \_\_\_\_\_  
Math 10A \_\_\_\_\_ 10B \_\_\_\_\_ 10C \_\_\_\_\_  
Chemistry 6A \_\_\_\_\_ 6B \_\_\_\_\_ 6C \_\_\_\_\_ 6BL \_\_\_\_\_  
Physics 1A \_\_\_\_\_ 1AL \_\_\_\_\_ 1B \_\_\_\_\_ 1BL \_\_\_\_\_ 1C \_\_\_\_\_ 1CL \_\_\_\_\_  
Economics 1 \_\_\_\_\_

**UPPER-DIVISION REQUIREMENTS**

Environmental Systems 101 \_\_\_\_\_ Environmental Biology  
Environmental Systems 102 \_\_\_\_\_ The Solid and Fluid Earth  
Environmental Systems 103 \_\_\_\_\_ Environmental Challenges: Science and Solutions  
Economics 131 \_\_\_\_\_ Environmental Economics (Econ 2 prerequisite waived)  
Political Science 160AA \_\_\_\_\_ Intro to Policy Analysis (PoliSci 10 or 11 prerequisite  
waived)  
BICD 100 \_\_\_\_\_ Genetics  
BIEB 100 \_\_\_\_\_ Biometry (satisfies upper division Statistics requirement)

**UPPER-DIVISION CURRICULUM: 7 REQUIRED COURSES (ONE OF WHICH MUST BE LAB)**  
FROM LIST BELOW. If specializing in another track, choose (5) from EBE track and (2) from  
other track of choice. Must petition this action.

BIBC 100 \_\_\_\_\_ Structural Biochemistry  
BIBC 102 \_\_\_\_\_ Metabolic Biochemistry  
BIBC 103 \_\_\_\_\_ Biochemical Techniques (Acceptable for lab requirement)  
BIBC 120 \_\_\_\_\_ Nutrition  
BIBC 130 \_\_\_\_\_ Marine Biochemistry  
BICD 110 \_\_\_\_\_ Cell Biology  
BICD 120 \_\_\_\_\_ Fundamental of Plant Biology  
BICD 130 \_\_\_\_\_ Embryos, Genes, and Development  
BICD 134 \_\_\_\_\_ Human Reproduction and Development  
BIEB 102 \_\_\_\_\_ Introductory Ecology-Organisms and Habitat  
BIEB 121 \_\_\_\_\_ Ecology Laboratory  
BIEB 126 \_\_\_\_\_ Plant Ecology  
BIEB 131 \_\_\_\_\_ Marine Invertebrate Ecology Lab  
BIEB 132 \_\_\_\_\_ Introduction to Marine Biology  
BIEB 134 \_\_\_\_\_ Introduction to Biological Oceanography  
BIEB 140 \_\_\_\_\_ Biodiversity  
BIEB 144 \_\_\_\_\_ Quantitative Ecology and Conservations  
BIEB 150 \_\_\_\_\_ Evolution  
BIEB 156 \_\_\_\_\_ Population Genetics  
BIEB 164 \_\_\_\_\_ Behavioral Ecology  
BIEB 165 \_\_\_\_\_ Behavioral Ecology Laboratory  
BIEB 166 \_\_\_\_\_ Animal Communication  
BIEB 167 \_\_\_\_\_ Animal Communication Laboratory  
BIEB 176 \_\_\_\_\_ Conservation and the Human Predicament  
BIMM 100 \_\_\_\_\_ Molecular Biology  
BIMM 110 \_\_\_\_\_ Molecular Basis of Human Disease  
BIMM 114 \_\_\_\_\_ Virology

BIMM 120 \_\_\_\_\_ Bacteriology  
BIMM 121 \_\_\_\_\_ Laboratory in Microbiology  
BIMM 124 \_\_\_\_\_ Medical Microbiology  
BIMM 126 \_\_\_\_\_ Marine Microbiology (BIMM 120/BIBC 102 prerequisites **WAIVED**)  
BIMM 127 \_\_\_\_\_ Marine Microbiology Laboratory  
BIPN 100 \_\_\_\_\_ Mammalian Physiology I  
BIPN 102 \_\_\_\_\_ Mammalian Physiology II  
BIPN 105 \_\_\_\_\_ Animal Physiology Lab (6) Students may now take BIPN 100 concurrently  
BIPN 106 \_\_\_\_\_ Comparative Physiology  
ESYS 120 \_\_\_\_\_ Science & Environmental Writing  
ESYS 150 \_\_\_\_\_ Environmental Perils  
ESYS 199 \_\_\_\_\_ Independent Study

**ENVIRONMENTAL SYSTEMS SENIOR INTERNSHIP AND PROJECT** (required of all majors)

ESYS 190A \_\_\_\_\_ Integrative Project (8 units)  
ESYS 190B \_\_\_\_\_ Senior Seminar (4 units)

12-08-08