

2005-2006

**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 CORE REQUIREMENTS**

Environmental Systems 101 \_\_\_\_\_ The Living Earth  
Environmental Systems 102 \_\_\_\_\_ The Solid and Fluid Earth  
Environmental Systems 103 \_\_\_\_\_ The Human Earth  
Economics 131 \_\_\_\_\_ Environmental Economics (Econ 2 prerequisite waived)  
Political Science 160AA \_\_\_\_\_ Intro to Policy Analysis (PoliSci 10 or 11 prerequisite waived)

**REQUIRED UPPER DIVISION COURSES:**

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  
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  
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 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 <b>WAIVED</b> )
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 Integrative Project and Senior project** (required of all majors)

Esys 190A	_____	Integrative Project (8 units)
Esys 190B	_____	Senior Seminar (2 units)