

ECOLOGY AND ENVIRONMENTAL BIOLOGY WITH BASIC SCIENCE CONCENTRATION
205*; 205B

I. Core Curriculum Requirements: Chemistry 1101, 1102 will count toward the science requirement. Math 1110 will count toward the math requirement. Depending on the concentration chosen, some courses may also apply toward social science requirement. NOTE: Some courses listed in Section I will also be used in Sections III and IV. 44

II. CORE: STUDENTS MUST COMPLETE THE CORE BEFORE TAKING ANY OTHER BIOLOGY COURSE. Note: A 2.0 average must be maintained in the major. (This includes ares II, III & IV)

BIO 1110__Concepts(4sh) 2000__Intro. Botany(4sh) 2001__Intro. Zool.(4sh) 12

REQUIRED BIOLOGY:

3302(ND,C) ____ Ecology(3sh)	3306(ND) ____ Genetics(3sh)
3304 ____ Syst. Botany(3sh)	3436(W,S,ND) ____ Intro. Evolutionary Biol.(3sh)
3308 ____ Bacteriology(4sh)	OR 3800(W,ND,C) ____ Molecular Biol.(4sh)
3301(W,ND) ____ Animal Physiol.(4sh)	OR 4555(W,ND,C) ____ Plant Physiol.(4sh)
3314 ____ Comp. Vert. Zool.(3sh)	OR 3456 ____ Invert. Zool.(3sh) 41

Any four (4) of the following:

3310(W) ____ Marine Biology(3sh)	4557 ____ Ichthyology(3sh)
4551 ____ Ornithology(3sh)	4559 ____ Mammalogy(3sh)
4552 ____ Entomology(3sh)	4560 ____ Herpetology(3sh)
4556 ____ Mycology(3sh)	4601(W,S,ND) ____ Animal Behav/Ethol.(3sh)

Major Designators
 2 Writing(W) ____
 1 Speaking(S) ____
 Communication Proficiency ____
Other Designators
 4 Writing(W) ____
 (ENG 1000/1100 will count as 2 W)
 4 Multi Cultural(MC) ____
 (HIS 1101/1102 will count as 2 MC)
 1 Cross Disciplinary(CD) ____
 2 Numerical Data(ND) ____
 2 Computer(C) ____

At least 6 s.h. of biology electives _____

III. Required Cognate Courses:

CHEMISTRY:

1101(ND) ____ Intro.Chem.I(4sh)
 1102(ND) ____ Intro.Chem.II(4sh)
 2201 ____ Org.Chem.I(4sh)
 OR 2210(W) ____ Quant. Analysis(4sh)

MATH:

1110(ND) ____ Calc.w/Analy.Geo.
 STT 2810(ND,C) ____ Stat. Methods I
 NOTE: Title of STT 2810 changes to *Intro to Data Analysis & Statistical Inference*, eff. SP99. 19

Core Curr. - 12

NOTE: 12 sh of cognate courses are counted in core curriculum requirements.

IV. CONCENTRATION: Students are encouraged to complete a minor in their chosen concentration by selection of one or two additional courses (consult advisor).

Basic Science Concentration: 13 s.h. required.

Choose at least one course from each area.

A. ECO 2030 ____ (3sh);
 B. GLY 1101(ND) ____ (4sh); GLY 1102(CD,ND) ____ (4sh); GLY 1103(ND) ____ (4sh)
 C. GHY 1010 ____ (3sh); GHY 3100 ____ (3sh) 13

V. Minor (optional)

VI. Free electives to total a minimum of 128 s.h. 11

(2s.h. of free electives must be outside the major discipline.) 128