

ECOLOGY AND ENVIRONMENTAL BIOLOGY WITH GEOGRAPHY AND LANDSCAPE ECOLOGY CONCENTRATION
205*; 205C

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 areas 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) 23

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)

At least 6 s.h. of biology electives _____

18

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.

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).

Geography and Landscape Ecology Concentration: 12 s.h. required. 12

A. GHY 1010 ___(3sh)
B. Any **three** of the following:
GHY 3100 ___(3sh); GHY 3110 ___(3sh);
GHY 3310 ___(3sh); GHY 4820 ___(3sh)

<u>Major Designators</u>	
2 Writing(W) ___	___
1 Speaking(S) ___	___
Communication Proficiency ___	___
<u>Other Designators</u>	
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) ___	___

V. Minor (optional)

VI. Free electives to total a minimum of 128 s.h.
(2s.h. of free electives must be outside the major discipline.)

12
128