

Environmental Sciences - B.S. Degree

A. Basic Science (Natural Sciences)

1. _____ BIOL 1107 (4) _____ BIOL 1108 (4) or BIOL 1110 (4) (May be taken in any order)
2a. _____ CHEM 1127Q (4) _____ CHEM 1128Q (4)
2b. _____ CHEM 1124Q (4) _____ CHEM 1125Q (3) _____ CHEM 1126Q (3)
3. _____ MATH 1131Q (4) _____ MATH 1132Q (4)
4a. _____ PHYS 1401Q (4) _____ PHYS 1402Q (4)
4b. _____ PHYS 1201Q (4) _____ PHYS 1202Q (4)
5. _____ STAT 1000Q (4) or STAT 1100Q (4) or STAT 3025Q (3)
6. _____ NRE 1000 (3)

*It should be noted that: ARE1150, ECON 1200, or ECON 1201; GEOG 2300; GSCI 1050; MARN 1002 may be pre-requisites for several upper division course concentration options. It is recommended to review pre-requisites in the catalog for concentration courses you may be interested in registering for.

(38-41)

_____ **Total Credits Earned Section A**

B. Sophomore Seminar

_____ Sophomore Seminar (3)

C. Capstone

_____ NRE 4000W (3)

D. Internship or Research Experience (1 - 6 credits)

_____ (Credits approved by advisor)

E. Area of Concentration: (Students choose 1 concentration)

I. Sustainable Systems Concentration

***Courses can only be used to fulfill 1 requirement. The same course cannot be used to fulfill two knowledge competencies.**

(At least 2 courses from each of the following Knowledge Competency are required.)

_____ Resource Management
_____ Ecological Systems

(At least 1 course from each of the following Knowledge Competency is required.)

_____ Built Systems
_____ Governance & Policy
_____ Ethics, Values, & Culture
_____ Economics & Business

II. Global Change Concentration

***Courses can only be used to fulfill 1 requirement.**

(At least 2 courses from each of the following Knowledge Competency are required.)

_____ Climate Change & Its Impacts
_____ Land and Ocean Use & Its Impacts
_____ Natural Science

(At least 1 course from each of the following Knowledge Competency is required.)

_____ Methods
_____ Governance & Policy

III. Human Health Concentration

(Students must pass all of the following)

_____ AH 3021
_____ AH 3175
_____ AH 3275
_____ ANSC 4341
_____ MCB 2610

(Students must pass 2 of the following; totaling 6 or more credits)

_____ MCB 2400; MCB 3011; MCB 3201; MCB 3633; MCB 4211; MCB 3010; ANSC 4642; PVS 2100

(Students must pass 1 of the following)

_____ AH 3570; AH 3571; AH 3573; AH 3574; PVS 4300

(18+)

_____ **Total Credits Earned Section E**

F. Related Course Work: All CLAS students must take 12 credits of related coursework approved by their advisor.

Expected date of graduation _____

I approve the above program:

Major Advisor

Department

Date

Program Director

Department

Date