ENVS Single Major with a Concentration in Geographic Information Systems

Required Courses Checklist

Name:SID:

To Declare the Major, a student must have successfully completed the following lower-division courses:

- ENVS 23 The Physical & Chemical Environment or CHEM 1A General Chemistry
- ENVS 24 General Ecology or BIOE 20C Ecology & Evolution
- ENVS 25 Environmental Policy & Economics
- STAT 7/L Statistical Methods for the Biological, Environmental, and Health Sciences
  
  • **Four-year students** must declare a major by the end of their Sophomore year (or 6th quarter).
  
  • **Transfer students** must declare a major by the end of their second quarter.

All courses listed below are required for graduation in the major.
The major is comprised of 15 courses: 6 lower divisions, and 9 upper divisions.

**LOWER DIVISION REQUIREMENTS** (6 courses)

- ENVS 23 The Physical & Chemical Environment (Spring and Summer only) or CHEM 1A General Chemistry
- ENVS 24 General Ecology (Fall and Summer only) or BIOE 20C Ecology & Evolution
- ENVS 25 Environmental Policy & Economics (Winter and Summer only)
- AM 3 Precalculus for the Social Sciences or ALEKS MPE of 300+ or AP CALC of 3+
- STAT 7/L Statistical Methods for the Biological, Environmental, and Health Sciences
  
  One of the following: SOCY 1, 10, 15 ANTH 2 PHIL 22, 24, 28, 80G

**UPPER DIVISION REQUIREMENTS** (9 courses)

In order to enroll in ENVS upper divisions, students **must be enrolled in or have completed ENVS 100/L**.

- ENVS 100/L Ecology and Society (Winter and Spring only)
  
  **Prerequisites:** Students must have completed the starred lower divisions above, in addition to Writing 2, **before enrolling in**

- ENVS 115A/L Geographic Information Systems & Environmental Applications (Fall)
- ENVS 115B Intermediate Geographic Information Systems (Winter)
- ENVS 115C Advanced Geographic Information Systems (Spring)
  
  1 ENVS upper division based in the **Social Sciences** (see list on front side)
  
  **Social Science** ENVS upper divisions: ENVS 110, 130B, 140, 141, 143, 144, 145, 146, 147, 149, 150, 151, 152, 153, 154, 158, 159, 165, 172, 173, 176

- 1 ENVS upper division based in the **Natural Sciences** (see list on front side)
  

- 1 ENVS upper division **of your choice**
- 1 ENVS upper division **of your choice**
- 1 Senior Exit**

*** Your senior exit is satisfied by completing one of the following:

- ENVS 196: Advanced Topics in Geographic Information Systems - Spring
- ENVS 195A + ENVS 195B: Senior Thesis
- ENVS 183A + ENVS 183B: Senior Internship

All senior exits must be focused on the topic of Geographic Information Systems.

DC Requirement is satisfied upon completion of ENVS 100/L and a senior exit.

Pre-requisites for senior exit:

- 135 units (Senior Standing)
- 3 upper divisions completed
- ENVS 100/L completed
- Must be taken for a letter grade.
ENVS Major Declaration Advising with Faculty:

After attending a major declaration workshop, meet with an ENVS faculty member to discuss the following:

Advising checklist:

☐ Discuss student’s interests and career goals
☐ Opportunities for internships and independent research
☐ Senior Exit options
☐ Review paperwork
  ☐ Prerequisites taken or planned BEFORE ENVS 100/L
  ☐ Electives reflect a focus and student’s intellectual and career goals

Student Signature: ________________________________ Date: ______________________________

Faculty Signature: ________________________________ Date: ______________________________