ENVS Single Major with a Concentration in Geographic Information Systems

Required Courses Checklist

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)
- □ **Math 3** Precalculus or **AMS 3** Precalculus for the Social Sciences
- □ **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 (no exceptions) the asterisked lower division courses listed above, in addition to Writing 2, before enrolling in ENVS 100/L.

- □ **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, 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.

**Pre-requisites for senior exit:**

- 135 units (Senior Standing)
- 3 upper divisions completed
- ENVS 100/L completed
- Must be taken for a letter grade.

DC Requirement is satisfied upon completion of ENVS 100/L and a senior exit.
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
  ☐ Pre-requisites taken or planned BEFORE ENVS 100/L
  ☐ Electives reflect a focus and student's intellectual and career goals

Student Signature: ___________________________________________ Date: __________________________

Faculty Signature: ___________________________________________ Date: __________________________