

# ENVS/BIO Combined Major Required Courses Checklist

Name: \_\_\_\_\_

SID: \_\_\_\_\_

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

- ENVS 25 Environmental Policy & Economics
  - STAT 7/L Statistical Methods for the Biological, Environmental, and Health Sciences
  - BIOL 20A Cell and Molecular Biology
  - BIOE 20C Ecology & Evolution
  - CHEM 1A General Chemistry
- **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. **All courses must be taken for a grade.**

The major is comprised of 21 courses: 11 lower divisions, and 10 upper divisions.

## LOWER DIVISION REQUIREMENTS (11 courses)

*ENVS portion of lower divisions:*

- \*  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**

*BIO portion of lower divisions:*

- BIOL 20A Cell and Molecular Biology
- BIOE 20B Development and Physiology
- \*  BIOE 20C Ecology and Evolution
- \*  CHEM 1A General Chemistry
- CHEM 1B General Chemistry
- CHEM 1C/N General Chemistry
- PHYS 1 Conceptual Physics (Winter only) **or** PHYS 6A/L Introduction to Physics I

## UPPER DIVISION REQUIREMENTS (10 courses)

*ENVS portion of upper divisions:*

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 for 100/L:** All starred lower divisions listed above, plus WRIT 2
- 1 ENVS upper division based in the **Social Sciences** \_\_\_\_\_  
*Social Science ENVS upper divisions: ENVS 110, 130B, 140, 141, 143, 145, 146, 147, 149, 150, 151, 154, 158, 165, 172, 173, 176*
- 1 ENVS upper division **of your choice** \_\_\_\_\_
- 1 ENVS upper division **of your choice** \_\_\_\_\_
- 1 Senior Exit\*\*\* \_\_\_\_\_

*Biology portion of upper divisions:*

- BIOL 105 Genetics
- BIOE 109 Evolution (prereq: BIOL 105)
- 1 lab-based upper division course from the following list \_\_\_\_\_  
*BIOE 112/L, 114/L, 117/L, 120/L, 122/L, 124/L, 127/L, 128L, 129/L, 131/L, 133/L, 134/L, 135/L, 137/L, 141L, 142L, 145L; 150L, 151B, 155L, 158L, 159D; 161L, 163/L, 172/L; BIOL 100L; 105L, 109L, 110L, 115L, 120L, 121L, 178L; 186R; ENVS 104A/L, 106A/M, 107A-C, 108/L, 109B; 130A/L, 162/L, 163/L, 167/L*
- 1 BIOL/BIOE upper division **of your choice** \_\_\_\_\_
- 1 BIOL/BIOE upper division **of your choice** \_\_\_\_\_

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

- ENVS 109B: Supercourse (admission by application) - Spring of odd years
- ENVS 190: Capstone - Spring/Summer
- ENVS 196: Senior Seminar (admission by application) - Fall/Winter/Spring
- ENVS 195A + ENVS 195B: Senior Thesis (with reader from **both** departments)
- ENVS 183A + ENVS 183B: Senior Internship

Pre-requisites for senior exit:

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

• One of the approved research laboratory/field courses or thesis with Biology

DC Requirement is satisfied upon completion of ENV5 100/L and a senior exit.

## ENV5 Major Declaration Advising with Faculty:

After attending a major declaration workshop, meet with an ENV5 faculty member AND Biology Advisor 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 ENV5 100/L
  - Electives reflect a focus and student's intellectual and career goals

Student Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Faculty Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Biology Advisor Signature: \_\_\_\_\_ Date: \_\_\_\_\_