

ENVS/BIO Combined Major Required Courses Checklist

This checklist is based on the 2023-2024 catalog requirements. Consult with ENVS advising if you have questions.

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 3B/L** 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 3A** General Chemistry
- * **CHEM 3B/L** General Chemistry
- CHEM 3C/L** General Chemistry
- PHYS 1A** Conceptual Physics **or** **PHYS 1B** Conceptual Physics **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: 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, 144, 145, 146, 147, 149, 150, 151, 152, 153, 154, 158, 165, 172, 173, 174, 176, 178
- 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; **BIOL** 100L, 105L, 109L, 115L, 120L, 121L, 186R; **ENVS** 104A/L, 106A/M, 107A-C, 108/L, 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:**

- **BIOE 151B:** Supercourse (admission by application) - Spring of some 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
- **One of the approved research laboratory/field courses or thesis with Biology**

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 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 ENVS 100/L
 - Electives reflect a focus and student's intellectual and career goals

Student Signature: _____ Date: _____

Faculty Signature: _____ Date: _____

Biology Advisor Signature: _____ Date: _____