

ENVS/EART Combined Major Required Courses Checklist

Name: _____

SID: _____

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

- **ENVS 24** General Ecology or **BIOE 20C** Ecology & Evolution
 - **ENVS 25** Environmental Policy & Economics
 - **CHEM 3B/L** General Chemistry (or CHEM 1A, for students who started at UCSC before Fall 2023)
 - **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 22 courses: 13 lower divisions, and 9 upper divisions.

LOWER DIVISION REQUIREMENTS (13 courses)

ENVS portion of lower divisions:

- * **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

EART portion of lower divisions:

- One of the following:** EART 5/L California Geology or EART 10/L Geologic Principles or EART 20/L Environmental Geology
- CHEM 3A** General Chemistry
- * **CHEM 3B/L** General Chemistry
- CHEM 3C/L** General Chemistry
- MATH 11A** Calculus with Applications or **MATH 19A**
- MATH 11B** Calculus with Applications or **MATH 19B**
- PHYS 6A/L** Introduction to Physics I
- PHYS 6B/M** Introduction to Physics II

Chemistry series options (one of the following):

- CHEM 3A, CHEM 3B/L, CHEM 3C/L
(required for students who start after Fall 2023)
- CHEM 1A, CHEM 1B, CHEM 1C/N
- CHEM 4A/L, CHEM 4B/L

UPPER DIVISION REQUIREMENTS (9 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***** _____

EART portion of upper divisions:

- One of the following:** EART 110A/L Evolution of the Earth, EART 110B/L Earth as a Chemical System, EART 110C/N The Dynamic Earth
- 1 EART upper division **of your choice*** _____
- 1 EART upper division **of your choice*** _____
- 1 EART upper division **of your choice*** _____

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

- **EART 188A & EART 188B** (prereqs: EART 109/L, 110A/L, 110B/M)
- **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

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 Earth and Planetary Sciences 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: _____

Earth & P.S. Advisor Signature: _____ Date: _____