

ENVIRONMENTAL STUDIES DEPARTMENT – Bachelor of Science (B.S.)

Total units required for the major: 63-64

REQUIREMENTS CHECK-OFF SHEET: Name: _____ Student ID #: _____

LEGEND:

- Courses in parentheses (*Prereq:...*) are prerequisites
- Graduation or General Education requirement met by course displayed in bold red square brackets [...].

NOTE: ____ ENVS 11 Environmental Issues and Critical Thinking is recommended for Environmental Studies majors to meet the GE **[1-B]** requirement.

(A student may substitute up to 6 units of ENVS electives with courses from other programs if the substitute course aligns with their career aspirations. Most commonly those courses are taught by Biology, Geography, Geology, History or RPTA but any courses aligned with the student's interests will be considered. Contact your major advisor for approval of a substitute course.)

A. Required Lower Division Courses (23-24 units)

- ____ BIO 1 Biodiversity, Evolution, and Ecology **[5-C & 5-B]**
- ____ BIO 2 Cells, Molecules, & Genes **or** ____ BIO 10 Basic Biological Concepts **[5-B]** and ____ BIO 15L Laboratory Investigations in Biology **[5-C]**
- ____ CHEM 1A General Chemistry I **[5-A & 5-C]** **or** ____ CHEM 6A Introduction to General Chemistry **[5-A & 5-C]**
- ____ ECON 1B Introduction to Microeconomic Analysis **[4-A]**
- ____ ENVS 10 Environmental Science **[5-B]**
- ____ GEOG 1 Physical Geography **[5-A]** **or** ____ GEOL 10 Physical Geology **[5-A]**

B. Required Upper Division Courses (21 units)

- ____ BIO 160 General Ecology
(*Prereq: ____ BIO 1 & BIO 2, **or** ____ BIO 1 & BIO10; ____ BIO 100 **or** ____ ENVS 120*)
- ____ ENVS 111 Environmental Ethics (*Prereq: ____ ENVS 10 **or** ____ HONR 8 **or** ____ ENVS 11*) **[3-B]**
- ____ ENVS 112 International Environmental Problems (*Prereq: ENVS major, ____ Junior standing; ____ a WPJ Portfolio score, **OR ENGL 109M **or** ENGL 109W***) **[WI]**
- ____ ENVS 120 Quantitative Methods for Environmental Scientists (*Prereq: ____ STAT 1 **or** ____ Instructor Permission; **Must be an ENVS major or minor***)
- ____ ENVS 121 Field Methods in Environmental Science (*Prereq: **Must be an ENVS major or minor***)
- ____ ENVS 187 Environmental Studies Seminar
- ____ ENVS 190 Senior Thesis (*Prereq: ____ ENVS 112 **or** ____ Instructor Permission*)
- ____ ENVS 195 Environmental Studies Internship (*Prereq: ____ Instructor Permission, **Must be an ENVS major***)

C. Policy Electives (3 units)

Select **one** of the following courses:

- ___ ENVS 122 Environmental Impact Analysis: CEQA and NEPA
- ___ ENVS/POLS 128 Environment and the Law
- ___ ENVS/POLS 171 Environmental Politics and Policy (*Prereq: ___ Instructor Permission*)

D. Environmental Studies Electives (15 units)

Select **five** of the following courses:

- ___ ENVS 110 Contemporary Environmental Issues
- ___ ENVS 130 Environmental Toxicology (*Prereq: ___ CHEM 1A or ___ CHEM 6A or Instructor Permission*)
- ___ ENVS 135 California Water and Society
- ___ ENVS 137 Conservation and Society (*Prereq: ___ ENVS 10 or ___ HONR 8 and ___ BIO 1*)
- ___ ENVS 138/SOC 138 Introduction to Environmental Sociology
- ___ ENVS 140 Energy, Society, and the Environment (*Prereq: ___ Upper division standing*)
- ___ ENVS 144 Sustainability Science and Policy (*Prereq: ___ BIO 1 or ___ ENVS 10 or Instructor Permission*)
- ___ ENVS 147 Urban Agriculture and Aquaponics
- ___ ENVS 149 Agroecology
- ___ ENVS 150 Soil Science & Sustainability
- ___ ENVS 151 Restoration Ecology
- ___ ENVS 155 Environmental Management and Decision-Making (*Prereq: ___ ENVS 10 or Instructor Permission*)
- ___ ENVS 158 Wetlands Ecology
- ___ ENVS 163 Ethnoecology **[5-B]**
- ___ ENVS/HIST 165 American Environmental History **[4-A]**
- ___ ENVS 170 Environmental Justice (*Prereq: ___ ENVS 10 or ___ HONR 8 or ___ ENVS 11 or ___ Instructor Permission*)
- ___ ENVS 180 Climate Resilience
- ___ ENVS 199 Special Problems
- ___ GEOG 107 Remote Sensing
- ___ GEOG 109 Geographic Information Systems
- ___ GEOG 110 Spatial Analysis in GIS (*Prereq: ___ GEOG 109 ___ Instructor Permission*)