

# 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 199 Special Problems
- GEOG 107 Remote Sensing
- GEOG 109 Geographic Information Systems
- GEOG 110 Spatial Analysis in GIS (Prereq:  GEOG 109  Instructor Permission)