

**ENVIRONMENTAL STUDIES DEPARTMENT - Bachelor of Science (B.S.) Total units required: 65-66**

**REQUIREMENTS CHECK-OFF SHEET: Name:** \_\_\_\_\_ **Student ID #:** \_\_\_\_\_

**LEGEND:**

- Courses in parentheses (*Prereq:...*) are prerequisites
- Prereq PFI = Permission from Instructor
- Graduation or General Education requirements met by course displayed in bold red square brackets **[xx]**

**NOTE:** \_\_\_\_\_ ENVS 11 Environmental Issues & Critical Thinking is not a required course in the ENVS BS major but satisfies GE Area **[A3]**

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

- \_\_\_\_\_ BIO 1 Biodiversity, Evolution, and Ecology **[B2 & B3]**  
\_\_\_\_\_ BIO 2 Cells, Molecules, and Genes **or both** \_\_\_\_\_ BIO 10 Basic Biol. Concepts **and** \_\_\_\_\_ BIO 15L  
\_\_\_\_\_ CHEM 1A General Chemistry I **or** CHEM 6A Intro to General Chemistry **[B1 & B3]**  
\_\_\_\_\_ ECON 1B Introduction to Microeconomic Analysis **[D]**  
\_\_\_\_\_ ENVS 10 Environmental Science **[B2]**  
\_\_\_\_\_ GEOG 1 Physical Geography **or** \_\_\_\_\_ GEOL 10 Physical Geology **[B1]**

**B. Required Upper Division Courses (21 units)**

- \_\_\_\_\_ BIO 160 General Ecology  
(Prereq: \_\_\_\_\_ BIO 1 and BIO 10, **or both** \_\_\_\_\_ BIO 1 and BIO 2; **and** STAT 1 Intro. to Statistics)  
\_\_\_\_\_ ENVS 111 Environmental Ethics **[C2]**  
\_\_\_\_\_ ENVS 112 International Environmental Problems **[Writing Intensive]**  
(Prereq: \_\_\_\_\_ WPJ Examination passed with score of 80+; **or** 3-unit placement in ENGL 109M or ENGL 109W; **or** 4-unit placement in ENGL 109M or ENGL 109W and co-enrollment in ENGL 109X; **or** WPJ score 70 or 71 and co-enrollment in ENGL 109X.)  
\_\_\_\_\_ ENVS 120 Quantitative Methods for Environmental Scientists  
(Prereq: \_\_\_\_\_ STAT 1 Introduction to Statistics **or** PFI; ENVS Major or Minor students only)  
\_\_\_\_\_ ENVS 121 Field Methods in Environmental Science (Prereq: ENVS Major or Minor students only)  
\_\_\_\_\_ ENVS 187 Environmental Studies Seminar  
\_\_\_\_\_ ENVS 190 Senior Thesis (Prereq: \_\_\_\_\_ ENVS 112 **or** PFI)  
\_\_\_\_\_ ENVS 195 Environmental Studies Internship (Prereq: \_\_\_\_\_ PFI only)

**C. Policy Electives (3 units)**

Select **one** of the following:

- \_\_\_\_\_ ENVS 122 Environmental Impact Analysis: CEQA and NEPA  
\_\_\_\_\_ ENVS/POLS 128 Environment and the Law  
\_\_\_\_\_ ENVS/POLS 171 Environmental Politics and Policy

**D. Environmental Studies Electives (Select three of the following - 9 units):**

- \_\_\_\_\_ ENVS 110 Contemporary Environmental Issues (PFI depending on topic)  
\_\_\_\_\_ ENVS 130 Environmental Toxicology (Prereq: \_\_\_\_\_ CHEM 1A **or** \_\_\_\_\_ CHEM 6A **or** PFI)  
\_\_\_\_\_ ENVS 135 California Water and Society (Prereq: \_\_\_\_\_ ENVS 120 **or** PFI)  
\_\_\_\_\_ ENVS 137 Conservation and Society (Prereq: \_\_\_\_\_ ENVS 10 and BIO 1)

- \_\_\_ ENVS 140 Energy, Society, and the Environment (Prereq: \_\_\_ Upper division standing)
- \_\_\_ ENVS 144 Sustainability Science and Policy (Prereq: \_\_\_ BIO 1 or \_\_\_ ENVS 10 or PFI)
- \_\_\_ ENVS 147 Urban Agriculture and Aquaponics
- \_\_\_ ENVS 149 Agroecology
- \_\_\_ ENVS 151 Restoration Ecology
- \_\_\_ ENVS 155 Environmental Management & Decision-Making (Prereq: \_\_\_ ENVS 10 or PFI)
- \_\_\_ ENVS 158 Wetlands Ecology

**E. Interdisciplinary Electives (Select three of the following - 9 units):**

**NOTE:** other Department's courses not listed below may be substituted with ENVS Department Chair's prior permission.

- \_\_\_ BIO 103 Plants and Civilization (Prereq: \_\_\_ BIO 10 Basic Biological Concepts)
- \_\_\_ BIO 112 Plant Taxonomy (Prereq: \_\_\_ BIO 1 and \_\_\_ BIO 2) (S only)
- \_\_\_ BIO 118 Natural Resource Conservation (Prereq: \_\_\_ BIO 1 and \_\_\_ BIO 2)
- \_\_\_ BIO 157 General Entomology (Prereq: \_\_\_ BIO 1 and \_\_\_ BIO 2)
- \_\_\_ BIO 162 Ichthyology: The Study of Fish (Prereq: \_\_\_ BIO 1 and \_\_\_ BIO 2)
- \_\_\_ BIO 164 Herpetology (Prereq: \_\_\_ BIO 1 and \_\_\_ BIO 2)
- \_\_\_ BIO 166 Ornithology (Prereq: \_\_\_ BIO 1 and \_\_\_ BIO 2)
- \_\_\_ BIO 168 Mammalogy (Prereq: \_\_\_ BIO 1 and \_\_\_ BIO 2)
- \_\_\_ BIO 169 Animal Behavior (Prereq: \_\_\_ BIO 1 and \_\_\_ BIO 2)
- \_\_\_ BIO 173 Principles of Fisheries Biology (Prereq: \_\_\_ STAT 1 and \_\_\_ BIO 160)
- \_\_\_ BIO 179 Conservation Biology & Wildlife Management (Prereq: \_\_\_ BIO 100. BIO 160 recommended too or PFI)
- \_\_\_ ENVS/ETHN 163 Ethnoecology **[B5]**
- \_\_\_ ENVS/SOC 138 Environmental Sociology
- \_\_\_ ENVS/HIST 165 American Environmental History **[D]**
- \_\_\_ GEOG 107 Remote Sensing
- \_\_\_ GEOG 109 Geographic Information Systems
- \_\_\_ GEOG 110 Advanced Geographic Information Systems (Prereq: \_\_\_ GEOG 109 or PFI)
- \_\_\_ GEOG 111 Elements of Meteorology (Prereq: \_\_\_ GEOG 1 or PFI) **[B5]**
- \_\_\_ GEOG 113 Climate **[B5]**
- \_\_\_ GEOG 115 Biogeography (Prereq: \_\_\_ GEOG 1 or PFI) **[B5]**
- \_\_\_ GEOG 116 Global Climate Change (Prereq: \_\_\_ GEOG 1 or PFI) **[B5]**
- \_\_\_ GEOG 118 Earth Transformed
- \_\_\_ GEOG 161 California's Water Resources
- \_\_\_ GEOL 127 Hydrogeology (Prereq: \_\_\_ CHEM 1A and \_\_\_ GEOL 10 and \_\_\_ GEOL 10L Lab and \_\_\_ GEOL and \_\_\_ MATH 26A or \_\_\_ MATH 30 or PFI)
- \_\_\_ GEOL 130 Oceanography **[B5]**
- \_\_\_ GEOL 140 Geology and the Environment (Prereq: \_\_\_ same as for ENVS 112 above) **[D, and Writing Intensive]**
- \_\_\_ HIST 139A Global Environmental History in the Age of Imperialism, 1450-Present Day
- \_\_\_ RPTA 153 Environmental Interpretation

**F. Other non-required courses (requires instructor permission):**

- \_\_\_ ENVS 199 Special Problems (Prereq: \_\_\_ Instructor and Chair Permission)