

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
- F = taught in Fall; S = Spring; Sum = Summer
- Graduation or General Education requirement met by course displayed in bold red square brackets [...]

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 (F only)
- ____ ENVS/POLS 128 Environment and the Law (S Only)
- ____ ENVS/POLS 171 Environmental Politics and Policy (F Only)

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

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

- ___ ENVS 140 Energy, Society, and the Environment (*Prereq:* ___ Upper division standing) (Fall Only)
- ___ 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 (Spring Only)
- ___ ENVS 155 Environmental Management & Decision-Making (*Prereq:* ___ *ENVS 10 or PFI*) (S Only)
- ___ ENVS 158 Wetlands Ecology (Fall Only)

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*) (F only – odd years)
- ___ BIO 157 General Entomology (*Prereq:* ___ *BIO 1 and* ___ *BIO 2*) (F only)
- ___ BIO 162 Ichthyology: The Study of Fish (*Prereq:* ___ *BIO 1 and* ___ *BIO 2*) (Fall only – even years)
- ___ BIO 164 Herpetology (*Prereq:* ___ *BIO 1 and* ___ *BIO 2*) (S only – even years)
- ___ BIO 166 Ornithology (*Prereq:* ___ *BIO 1 and* ___ *BIO 2*) (S only – odd years)
- ___ BIO 168 Mammalogy (*Prereq:* ___ *BIO 1 and* ___ *BIO 2*) (F only)
- ___ BIO 169 Animal Behavior (*Prereq:* ___ *BIO 1 and* ___ *BIO 2*) (S only)
- ___ BIO 173 Principles of Fisheries Biology (*Prereq:* ___ *STAT 1 and* ___ *BIO 160*) (F only – odd years)
- ___ BIO 179 Conservation Biology & Wildlife Management
(*Prereq:* ___ *BIO 100. BIO 160 recommended too. Or, PFI*) (S only)
- ___ ENVS/ETHN 163 Ethnoecology (Fall Only) **[B5]**
- ___ ENVS/SOC 138 Environmental Sociology
- ___ ENVS/HIST 165 American Environmental History **[D]**
- ___ GEOG 107 Remote Sensing (Spring only)
- ___ 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 (Fall only) **[B5]**
- ___ GEOG 115 Biogeography (*Prereq:* ___ *GEOG 1 or PFI*) (F only) **[B5]**
- ___ GEOG 116 Global Climate Change (*Prereq:* ___ *GEOG 1 or PFI*) (S only) **[B5]**
- ___ GEOG 118 Earth Transformed
- ___ GEOG 161 California's Water Resources (Spring only)
- ___ GEOL 127 Hydrogeology (*Prereq:* ___ *CHEM 1A and* ___ *GEOL 10 and* ___ *GEOL 10L Lab and* ___ *GEOL 12 H and* ___ *MATH 26A or* ___ *MATH 30 or PFI*) (Spring only)
- ___ 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. (F only)
- ___ RPTA 153 Environmental Interpretation

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

- ___ ENVS 199 Special Problems (*Prereq:* ___ *Instructor and Chair permission*)