

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
- 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 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 (F, S, Sum) **[5-C & 5-B]**

____ BIO 2 Cells, Molecules, & Genes (F, S) **or** ____ BIO 10 Basic Biological Concepts **[5-B]** **and** ____ BIO 15L Laboratory Investigations in Biology (F, S) **[5-C]**

____ CHEM 1A General Chemistry I (F, S) **[5-A & 5-C]** **or** ____ CHEM 6A Introduction to General Chemistry (F, S, Sum) **[5-A & 5-C]**

____ ECON 1B Introduction to Microeconomic Analysis (F, S) **[4-A]**

____ ENVS 10 Environmental Science (F, S, Sum) **[5-B]**

____ GEOG 1 Physical Geography (F, S, Sum) **[5-A]** **or** ____ GEOL 10 Physical Geology (F, S) **[5-A]**

B. Required Upper Division Courses (21 units)

____ BIO 160 General Ecology (F, S)

(*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) (F, S) **[3-B]**

____ ENVS 112 International Environmental Problems (*Prereq:* ENVS major, ____ Junior standing; ____ a WPJ Portfolio score, **OR ENGL 109M or ENGL 109W**) (F, S) **[WI]**

____ ENVS 120 Quantitative Methods for Environmental Scientists (*Prereq:* ____ STAT 1 **or** ____ Instructor permission; *Must be an ENVS major or minor*) (F, S)

____ ENVS 121 Field Methods in Environmental Science (*Prereq:* *Must be an ENVS major or minor*) (F, S, Sum)

____ ENVS 187 Environmental Studies Seminar (F, S)

____ ENVS 190 Senior Thesis (*Prereq:* ____ ENVS 112 **or** ____ Instructor permission) (F, S)

____ ENVS 195 Environmental Studies Internship (*Prereq:* ____ Instructor permission, *Must be an ENVS major*) (F, S)

C. Policy Electives (3 units)

Select **one** of the following courses:

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

D. Environmental Studies Electives (15 units)

Select **five** of the following courses:

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