ENVIRONMENTAL STUDIES DEPARTMENT – Bachelor of Science (B.S.)
REQUIREMENTS CHECK-OFF SHEET

Name: ___________________________________________ Student ID #: __________________

Total units required for the major: 65-66
(Courses in parentheses are prerequisites.)

A. Required Lower Division Courses (23-24 units)
   ____ BIO 1 Biodiversity, Evolution, and Ecology
   ____ 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
   ____ ECON 1B Introduction to Microeconomic Analysis
   ____ ENVS 10 Environmental Science
   ____ GEOG 1 Physical Geography or ____ GEOL 10 Physical Geology

B. Required Upper Division Courses (21 units)
   ____ BIO 160 General Ecology
      (Prereq: ____ BIO 10 Basic Biological Concepts, or both ____ BIO 1 and ____ BIO 2) and
      (Prereq: ____ STAT 1 Introduction to Statistics)
   ____ ENVS 111 Environmental Ethics (F,S)
   ____ ENVS 112 International Environmental Problems (F,S)
      (Prereq: ____ WPJ Examination passed with score of 80+)
   ____ ENVS 120 Quantitative Methods for Environmental Scientists (F,S)
      (Prereq: ____ STAT 1 Introduction to Statistics & Instructor permission)
   ____ ENVS 121 Field Methods in Environmental Science (Instructor permission) (F,S)
   ____ ENVS 187 Environmental Studies Seminar (F,S)

   ____ ENVS 190 Senior Thesis (F,S)
      (Prereq: ____ Instructor permission and completion of ENVS required courses)
   ____ ENVS 195 Environmental Studies Internship (F,S)
      (Prereq: ____ Instructor permission)

C. Policy Electives (3 units)
Select one of the following:
   ____ ENVS 122 Environmental Impact Analysis: CEQA and NEPA (Fall Only)
   ____ ENVS/GOVT 128 Environment and the Law (Spring Only)
   ____ ENVS/GOVT 171 Environmental Politics and Policy (Spring Only)
D. Environmental Studies Electives (Select three of the following - 9 units):

- ENVS 110 Contemporary Environmental Issues (Instructor permission) (F,S)
- ENVS 130 Environmental Toxicology (Prereq: _____ CHEM 1A or _____ CHEM 6A) (Spring Only)
- ENVS 135 California Water and Society (Spring Only) (Prereq: _____ ENVS 120 or Instructor permission)
- ENVS 137 Conservation and Society (Spring Only)
- ENVS 140 Energy, Society, and the Environment (Fall Only)
- ENVS 144 Sustainability Science and Policy (Prereq: _____ BIO 1 or _____ ENVS 10 or Instructor permission)
- ENVS 147 Urban Agriculture and Aquaponics (Spring Only)
- ENVS 149 Agroecology (Spring Only)
- ENVS 151 Restoration Ecology (Spring Only)
- ENVS 155 Environmental Management and Decision-Making (Fall Only)
- ENVS 158 Wetlands Ecology (Fall Only)

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

- BIO 103 Plants and Civilization (Prereq: _____ BIO 10 Basic Biological Concepts)
- BIO 112 Plant Taxonomy (Prereq: _____ BIO 1 and _____ BIO 2)
- 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 Principles of Wildlife Management (Prereq: _____ BIO 160 and _____ BIO 166 Ornithology and _____ BIO 168 Mammalogy)
- ENVS 163 Ethnoecology (Fall Only)
- ENVS/SOC 138 Environmental Sociology
- GEOG 107 Remote Sensing
- GEOG 109 Geographic Information Systems
- GEOG 110 Advanced Geographic Information Systems (Prereq: _____ GEOG 109)
- GEOG 111 Elements of Meteorology (Prereq: _____ GEOG 1 or Instructor permission)
- GEOG 113 Climate (Prereq: _____ GEOG 1, GEOG 5 Violent Weather/Changing Atmosphere, GEO 8 Earth Science, GEO 10, or Instructor permission)
- GEOG 115 Biogeography (Prereq: _____ GEOG 1 or Instructor permission)
- GEOG 116 Global Climate Change (Prereq: _____ GEOG 1 or Instructor permission)
- 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 12 Historical Geology and _____ MATH 26A or _____ MATH 30 and PHYS 5A)
- GEOL 130 Oceanography
- GEOL 140 Geology and the Environment (Prereq: _____ WPJ Examination passed with score of 80+)
- RPTA 153 Environmental Interpretation and Outdoor Education

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

- ENVS 199 Special Problems