

## B.A. ENVIRONMENTAL SCIENCE AND POLICY DEGREE REQUIREMENTS

### Basic Requirements:

- A. All of the following courses:
- ESS 40A: Earth System Chemistry  
or  CHEM 1A-B-C-LC-LD  
or  CHEM H2A-B-C-LA-LB-LC
  - ESS 40B: Earth System Biology  
or  BIOL 93-94
  - ESS 40C: Earth System Physics  
or  PHYS 3A-B-C-LB-LC  
or  PHYS 7C-D-E-LC-LD
  - ESS 70A: Sustainable Energy Systems
  - ESS 70B: Sustainable Food and Water Systems
  - ESS 116: Data Analysis for Earth Sciences
  - ESS 192: Careers in Earth System Science
  - UPPP 5: Intro to Planning and Policy
  - STATS 7: Basic Statistics  
or  SE 13/STATS 8/SOC SCI 10A-B-C
  - UPPP 8: Intro to Environ. Analysis & Design
  - SE 10: Research Design
  - SE 195 (or 195W): Field Study (4 units)

*Field study requires careful planning. SE 10 is the prerequisite course and should be completed in the sophomore year (for incoming Freshmen) or during the second quarter (for incoming Transfer students). Field Study needs to be environment, planning, or public policy placement. Check UCI catalog for additional approved field study course options.*

### Upper-Division Requirements:

- A. 12 units of Upper-Division Environmental Law and Policy classes, any combination of:
- UPPP 117: Environmental Justice
  - UPPP 131: Environmental Sustainability I
  - UPPP 133: Environmental Law and Policy
  - UPPP 139: Water Resource Policy
  - UPPP 142: Environmental Hazards
  - UPPP 145: Environmental Governance
  - UPPP 146: Econ for Planning and Policy
- B. 28 units of Upper Division Environmental Science and Policy Electives:

*Select any seven 4-unit upper-division courses (100-196) in UPPP or ESS (two courses must be from UPPP, two courses must be from ESS). Courses may not be used as electives if counted toward ENSP degree requirements. Up to two of the seven Electives can be satisfied with 4-unit ESS 199 and/or 4-unit SE 199 courses. For this requirement SE 199 courses can be counted as UPPP electives.*

ESS Course 1 = \_\_\_\_\_  
ESS Course 2 = \_\_\_\_\_  
UPPP Course 3 = \_\_\_\_\_  
UPPP Course 4 = \_\_\_\_\_  
Elective Course 5 = \_\_\_\_\_  
Elective Course 6 = \_\_\_\_\_  
Elective Course 7 = \_\_\_\_\_

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### Optional Specialization in Geographic Information Systems (GIS):

#### Option 1:

- UPPP 120: Intro to GIS for Planning and Policy
- UPPP 125: Advanced Geographic Information Systems
- UPPP 127: Spatial Analysis Project

*Courses taken for the GIS Specialization can also be used to meet the elective requirements for the major.*

#### Option 2:

- ESS 134: Fundamentals of GIS for Environmental Science
  - UPPP 127: Spatial Analysis Project
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