

Environmental Studies Degree Requirements (2009/2010 Catalog)

Requirements for the Major

1. Fulfill requirements for the Bachelor of Science degree as stated in the Southern Oregon University catalog.
2. Maintain a 2.5 GPA in all courses taken for the major. Note: Coursework in the major must be taken for a letter grade (not P/NP).
3. Complete the Core Requirements for the Environmental Studies major.
4. Complete requirements for a Concentration in Cultural Resource Management, Earth Science, Ecology & Conservation, Land Use Planning, **or** Sustainability & Policy.

SOU Core Curriculum Requirements

University Seminar (12)

Quantitative Reasoning (4-8)

Explorations Courses

Humanities (12)

Sciences (12)

Social Sciences (12)

Integration Courses

Strand H: Science, Technology, and Society (3-4)

Strand I: Citizenship and Social Responsibility (3-4)

Strand J: Diversity and Global Awareness (3-4)

*Two of three strands can be met in the major area.

ES Core Curriculum Requirements

Required Lower Division (16 credits):

ES 101 Intro to ES: Earth Science (4)

ES 102 Intro to ES: Biological Science (4)

ES 103 Intro to ES: Social Science (4)

Note: Students may substitute either of the following for ES 101 and ES 102, with advisor approval:

G 101 or G102 and G103 (8) **or** ES 111 and 112 (8)

ES 210 Applications in Environmental Studies (4)

Required Upper Division (14 credits):

ES 310 Topics in Environmental Studies (2)

ES 351 Environmental Policy (4)

ES/GEOG 349 Maps/Carto/Geospatial Tech. (4)

Select one from the following:

ES/GEOG 451 Intro to GIS (4)

ES/GEOG 453 Intro to Remote Sensing (4)

ES/GEOG 457 Intro to Global Positioning Systems (4)

Upper Division Natural Science

Select two of the following (8 credits):

BI 340 Introductory Ecology (4)

GEOG 482 Climatology (4)

G 360 Environmental Geology (4)

G 314 Hydrology (4)

Upper Division Social Science

Select two of the following (8 credits):

ES 421 Ecological Economics & Sustainable Development (4)

ANTH 451 Cultural Ecology (4)

SOC 420 Environmental Sociology (4)

GEOG 437 Conservation in the U.S. (4)

Mathematics (8 credits):

MTH 243 Introductory Statistics (4)

ES/GEOG 386 Environmental Data Analysis (4) or
Students selecting the Earth Science Concentration are required to complete

MTH 111 and MTH 112. These courses will substitute for MTH 243 and ES 386.

Capstone (4 to 9 credits):

ES 494 ES Capstone (4)

ES 496, ES 497 ES Honors Capstone with advisor approval (5 - 8)

or

Students taking the Earth Science Concentration should complete Field Geology (G 406) as their capstone, but may substitute the above ES Capstone (ES 494) with an additional geology course with advisor approval (9)

Sustainability and Policy Concentration (39-40 credits)

Students selecting the Sustainability and Policy Concentration will complete SOC 420 Environmental Sociology and ES 421 Ecological Economics & Sustainable Development within the Environmental Studies core.

Core courses cannot be used to meet upper division elective requirements within this concentration.

Sustainability and Policy Core (23-24 credits)

- ES 423 Sustainability and Natural Resources (4)
- ES 475 Environmental Modeling (4)

Select one of the following:

- ANTH 451 Cultural Ecology (4)
- GEOG 437 Conservation in the US (4)

Select three of the following:

- ES 327 Energy and Climate Change (4)
- ES 479 Biosphere/Ecology/EnvirChange (4)
- Bi 386 Forest Ecology and Management (3)
- ES 435 Water Resources (4)

Upper Division Electives: Select three courses in ONE of the following three areas (12 credits)

Environmental Policy

- ANTH 462 Cultural Resource Management (4)
- ECON 315 Environmental Economics (4)
- ES 442 Valuation of Ecosystem Goods & Services (4)
- PS 407 Mediation & Conflict Management (4)
- PS 428 Public Policy & the Environment (4)
- PS 441 Environmental Law (4)
- GEOG 439 Land Use Planning (4)

Green Business

- BA 407 Sustainability for Business Leadership (4)
- BA 330 Principles of Marketing (4)
- BA 331 Consumer Motivation & Behavior (4)
- BA 430A & BA 430B Nonprofit Org. Mgmt (4)
- ECON 315 Environmental Economics (4)
- ECON 379 Economic Development (4)

Sustainable Communities

- SOC 310 Community Studies (4)
- GEOG 439 Land Use Planning (4)
- GEOG 350 Urban Environments (4)
- BA 430A & BA 430B Nonprofit Organizational Management (4)
- SOC 450 Social & Cultural Change (4)
- ES 442 Valuation of Ecosystem Goods & Services (4)

Internship/Practicum (4 credits)

- ES 409 Practicum (4)
- ES 496 Internship (4)