

Requirements for the MINOR in Environmental Science

Five courses required. Total credits = minimum of 15

Important Note: No more than two courses may be used towards both major and minor requirements. Up to six (6) credits of transfer/exchange credits accepted.

Select no more than one (1) of the following three courses

ENVIRSCI 101 Introduction to Environmental Science

OR NRC 100 Environment and Society

OR GEOGRAPH 110 Global Environmental Change

Select two (2) of following six courses

ENVIRSCI 213 Introduction to Environmental Policy (*note: restricted enrollment – Fall offering*)

ENVIRSCI 214 Ecosystems, Biodiv.& Global Change (*note: restricted enrollment, Biology prerequisite- Spring*)

ENVIRSCI 315 Principles of Environmental Toxicology & Chemistry (*note: restricted enrollment, organic chemistry prereq – Spring offering*)

ENVIRSCI 397R Renewable Energy (or NRC 297R) –Fall offering

RES-ECON 262 Environmental Economics (*Spring*) **OR** RES-ECON 263 Natural Resources Economics (*Fall*)

Select two (2) courses from approved list of Upper-Level (300+) ENVIRSCI elective course.

Earth Science

ENVIRSCI 390A Environ. Soil Science

GEOGRAPH 354 Climatology

GEO-SCI 415 Introduction to Geochemistry

GEOGRAPH 468 GIS and Spatial Analysis

GEO-SCI 485 Applied Environ. Geology

GEOLOGY 494LI Living on Earth

GEO-SCI 519 Aqueous & Environ. Geochem.

GEO-SCI 557 Coastal Processes

GEO-SCI 560 Geomorphology

GEO-SCI 563 Glacial Geology

GEO-SCI 587 Hydrogeology

GEO-SCI 591CP Colorado Field Trip

STOCKSCH 565 Soil Form. & Classification

STOCKSCH 570 Soil Physics

SUSTCOMM 335 Plants in the Landscape

SUSTCOMM 547 Landscape Pattern and Process

Environmental Policy & Land Use

ECON 308 Environmental Economics

ENVIRSCI 342 Pesticides, Public Policy & Environment

SUSTCOMM 553 Resource Policy and Planning

SUSTCOMM 574 City Planning

SUSTCOMM 575 Environ. Law and Resource Mgt

SUSTCOMM 577 Urban Policies

LANDARCH 580 Sustainable Cities

LANDARCH 582 Landscape & Green Urbanism

GEOGRAPH 360 Economic Geography

GEOGRAPH 362 Conservation Geography

GEOGRAPH 370 Urban Geography

GEOGRAPH 372 Urban Issues

GEOGRAPH 440 Political Geography

GEOGRAPH 420 Political Ecology

GEOGRAPH 497E Geography, Policy & Environ.

GEOGRAPH 497WG Water Geographies: Conflict & Sustainability

GEO-SCI 510 Natural Hazards

GEOGRAPH 492NP National Parks & Protected Areas

NRC 409 Natural Resources Policy & Admin.

NRC 576 Water Resources Mgt & Policy

POLISCI 382 Environmental Policy

REGIONPL 558 Issues in Environmental Mgt

RESECON 471 Benefit-Cost Analysis

RESECON 472 Advanced topics Resource & Environmental Economics

Ecology and Conservation Science

BIOLOGY 421 Plant Ecology

BIOLOGY 487H Tropical Field Biology

BIOLOGY 540 Herpetology

BIOLOGY 544 Ornithology

BIOLOGY 548 Mammology

BIOLOGY 550 Animal Behavior

ENVIRSCI 515 Microbiology of Soil

NRC 528 Forest & Wetland Hydrology

NRC 540 Forest Management

NRC 564 Wildlife Habitat Management

NRC 565 Dyn. & Mgt of Wildlife Populations

NRC 570 Ecology of Fish

NRC 590CG Global Change Ecology

NRC 597F Conservation Genetics

NRC 571 Fisheries Science & Management

NRC 578 Watershed Science & Mgt

NRC 568Wetland Soils

STOCKSCH 326 Insect Biology

(next page for more courses)

Environmental Quality, Planning & Assessment

CE-ENGIN 370 Intro Environ.& Water Resources
ENVIRSCI 452 Haz. Waste Operations & Emergency Response
ENVIRSCI 465 Principles of Environ. Site Assessment
ENVIRSCI 575 Environmental Soil Chemistry
ENVIRSCI 585 Inorganic Contaminants in Soil, Water & Sediment
GEOLOGY 331 Geological Mapping
GEOGRAPH 352 Computer Mapping
GEOGRAPH 468 GIS & Spatial Analysis
GEO-SCI 591CM Introduction to Climate & Environmental Monitoring
MICROBIO 310 General Microbiology
MICROBIO 385 Intro Biotechnology Lab
MICROBIO 562 Environ. Biotechnology
NRC 534 Forest Measurements
NRC 575 Case Studies in Land Conserv.
NRC 577 Ecosystem Modeling & Simulation
NRC 585 Introduction to GIS
NRC 586 Natural Resource Inventory of Local Lands
NRC 587 Digital Remote Sensing
NRC 597W Wetlands Assessment
STOCKSCH 587 Phyto/Bioremediation
STOCKSCH 597O Organic Contaminants
STOCKSCH 597W Artificial Treatment Wetlands
PUBHLTH 562 Air Quality Assessment
PUBHLTH 565 - Environmental Health Practices
PUBHLTH 590A - Contaminant Fate and Transport in Aquatic Systems
PUBHLTH 590N - Indoor Environment and Health
REGIONPL 553 Resource Policy and Planning

How to Declare the Minor:

Minors are declared after they are completed. Please come to the ENVSCI Program Office (in 310 Holdsworth Hall) when you have completed the five classes for the ENVSCI minor. If you are a senior in your final semester and you are taking your last class(es) towards the minor, you can “declare” your intention to complete the minor after the add/drop period in your final semester.