Requirements for the MINOR in Environmental Science

Five courses required. Total credits = minimum of 15

Select no more than one (1) of the following three courses
ENVIRSCI 101 Introduction to Environmental Science  
OR NRC 100 Environment and Society  
OR GEO-SCI 100 Global Environmental Change

Select two (2) of following four courses
ENVIRSCI 213 Introduction to Environmental Policy  
ENVIRSCI 214 Ecosystems, Biodiversity, & Global Change (note: restricted enrollment)  
ENVIRSCI 315 Principles of Environmental Toxicology and Chemistry (note: restricted enrollment)  
RES-ECON 262 Environmental Economics OR RES-ECON 263 Natural Resources Economics

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

**Earth Science**
ENVIRSCI 390A Environ. Soil Science  
GEO-SCI 354 Climatology  
GEO-SCI 415 Introduction to Geochemistry  
GEO-SCI 458 Climate Change  
GEO-SCI 468 GIS and Spatial Analysis  
GEO-SCI 485 Applied Environ. Geology  
GEO-SCI 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  
PLNTSOIL 565 Soil Form. & Classification  
PLNTSOIL 570 Soil Physics

**Environmental Policy & Land Use**
ECON 308 Environmental Economics  
ENVIRDES 553 Resource Policy and Planning  
ENVIRDES 574 City Planning  
ENVIRDES 575 Environ. Law and Resource Mgt  
ENVIRDES 577 Urban Policies  
LANDARCH 580 Sustainable Cities  
LANDARCH 582 Landscape & Green Urbanism  
GEO-SCI 360 Economic Geography  
GEO-SCI 362 Conservation Geography  
GEO-SCI 370 Urban Geography  
GEO-SCI 372 Urban Issues  
GEO-SCI 380 Political Geography  
GEO-SCI 420 Political Ecology  
GEO-SCI 497E Geography, Policy & Environ.  
GEO-SCI 497WG Water Geographies: Conflict & Sustainability  
GEO-SCI 510 Natural Hazards  
GEO-SCI 592N National Parks & Protected Areas  
NRC 382 Human Dimensions Nat. Resource Mgt  
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 497H Tropical Field Biology  
BIOLOGY 540 Herpetology  
BIOLOGY 544 Ornithology  
BIOLOGY 548 Mammalogy  
BIOLOGY 550 Animal Behavior  
ENVIRDES 335 Plants in the Landscape  
ENVIRDES 547 Landscape Pattern and Process  
ENVIRSCI 504 Air Pollution & Climate Chg Biol  
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 597WP Wetland Plant Id.& Ecology  
PLSOILIN 326 Insect Biology  
PLNTSOIL 555 Urban Plant Biology

NRC 571 Fisheries Science & Management  
NRC 578 Watershed Science & Mgt

*(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
GEO-SCI 331 Geological Mapping
GEO-SCI 352 Computer Mapping
GEO-SCI 468 GIS & Spatial Analysis
GEO-SCI 591CM Introduction to Climate & Environmental Monitoring
MICROBIO 310 General Microbiology
MICROBIO 312 Gen Microbiology Lab
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
PLNTSOIL 585 Inorganic Contaminants in Soil, Water & Sediment
PLNTSOIL 597A Phyto/Bioremediation
PLNTSOIL 597L Wetland Delineation
PLNTSOIL 597O Organic Contaminants
PLNTSOIL 597W Artificial Treatment Wetlands
PUBHLTH 303 Intro Environmental Health Sciences
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