SUSTAINABILITY SCIENCE, SUSTAINABILITY LEADERSHIP CONCENTRATION (M.S.)

Program Requirements

Core Courses
EAES 509  Current Issues in Sustainability Science  3
EAES 575  Environmental Economics  3
EAES 591  Methods in Environmental Research  3
Complete twice to earn 2 credits  2
  EAES 790  Colloquium in Environmental Management

Major Electives
Select 6 credits of the following:  6
  BIOL 570  Ecology
  BIOL 595  Conservation Biology: The Preservation of Biological Diversity
  CHEM 510  Hazardous Materials Management
  EAES 500  Energy Transitions: A Global Dependence
  EAES 510  Geographic Information Systems
  EAES 525  X-ray Microanalysis
  EAES 526  Geochemistry
  EAES 527  Organic Geohemistry
  EAES 528  Environmental Forensics
  EAES 531  Hydroclimatology
  EAES 532  Applied Groundwater Modeling
  EAES 610  Spatial Analysis
  EAES 611  Advanced Groundwater Modeling
  EAES 700  Earth Systems Science
  EAES 701  Modeling in Environmental Science
  STAT 541  Applied Statistics

Professional Skills Courses
EAES 565  Environmental Change and Communication  3
EAES 760  Organizational Environmental Management  3
Select one of the following:  3-4
  ANTH 529  Building Sustainable Communities
  EAES 528  Environmental Forensics
  EAES 533  Water Resource Management
  EAES 560  Environmental Law
  EAES 561  Environmental Law and Policy
  EAES 562  Waste Management
  EAES 566  Environmental Problem Solving
  EAES 569  Air Resource Management
  EAES 581  Urban Systems Analysis
  EAES 582  Urban and Regional Planning
  EAES 660  Seminar in Environmental Management
  LAWS 590  Environmental Law and Policy

Capstone Internship Requirement

EAES 696  Applied Research or Internship Project in Sustainability Science  6

Total Credits  32