Environmental Studies Certificate/University of Missouri

The Environmental Studies Certificate is 15 credit hours minimum of coursework focused on environmental topics. It is available to all MU majors, but because the certificate's goal is to create a complementary educational experience, students need to select coursework outside of their major. There are two tracks for the certificate: *Natural Dimensions* for non-science majors and *Social Dimensions* for science majors. In general, students with majors in Business, Humanities, Journalism, Social or Behavioral Sciences, Mathematics, or non-science Education majors will pursue the Natural Dimensions track, while students with majors in Natural Sciences, Engineering, or science Education will purse the Social Dimensions track.

- Two introductory courses numbered 1000 level or above (6 hours minimum)
- Ag Econ 2070 <u>or</u> Nat R 2160 (3 hours)
- Two upper-level courses numbered 2000 level or above from the approved list (6 hours minimum)

Certificate Plans for Non-Science Majors	Certificate Plans for Science Majors.
Basic Certificate	Basic Certificate
Geol 1200 Environmental Geology (4)	Rur Soc1120 Population & Ecology (3)
Nat R 1060 Ecol & Conserv Living Resources (3)	Geog 2660 Environmental Geography (3)
Ag Econ 2070 or Nat R 2160 (3)	Env St 2110 Environmental Sustainability (3)
Geol 2300 Earth Systems & Global Change (3)	Hist 4440 History of the American Environment (3)
Atm Sci/Geog 3600 Climates of the World (3)	Geog 4560 Resources & Indigenous Peoples (3)
Global Processes & Change	Environmental Policy
Atm Sci/Geog 1050 Intro Meteorology (3)	Pol Sc 1100 American Government (3)
Geol 1200 Environmental Geology (4)	Rur Soc 1120 Population & Ecology (3)
Env Sc 3290 Soils & Environment (3)	Pol Sc 3000 Introduction to Political Research (3)
Geol 2300 Earth Systems & Global Change (3)	Hist 4440 History of the American Environment (3)
Atm Sci/Geog 3600 Climates of the World (3)	Nat R 4353 Natural Resource Policy Admin (3)
Soils & Water Quality	Sustainable Lifestyles
Chem 1100 General Chem (3)	Arch St 1600 Fundamentals of Environmental Design (3)
Soil 2100/2106 Intro to Soils and Lab (5)	Nutr S 1340 Nutrition & Fitness (3)
Env Sc 3290 Soils & Environment (3)	Psych 2210 Mind, Brain & Behavior (3)
Geol 2450 Global Water Cycle (3)	Rel St 3230 Buddhism & Environmental Ethics (3)
F W 3400 Water Quality & Nat Resource Mangmt (3)	Fin Pln 4380 Assessing the American Dream (3)
Plant Diversity	Business & Economics
Bio Sc 1200 Botany with Lab (5)	Econom 1014 Principles of Microeconomics (3)
Geog 2610 Intro to Physical Geography (3)	Acctcy 2010 Introduction to Accounting (3)
Geog 4620 Biogeography (3)	Ag Econ 2070 Environmental Economics & Policy (3)
Bio Sc 3210 Plant Systematics (4)	Mangmt 3000 Fundamentals of Management (3)
Development Impacts	Rur Soc 4370 Environmental Sociology (3)
Chem 1100 General Chemistry (3)	Environmental Justice & Ethics
Soil 2100/2106 Intro to Soils and Lab (5)	Phil 1100 Introduction to Ethics (3)
Env Sc 3290 Soils & Environment (3)	Ru Soc 1120 Population & Ecology (3)
Plnt Sc 2254 Landscape Design with Lab (3)	Soc 2200 Social Inequalities (3)
Forest 3290 Urban Forestry (req consent) (2)	Rel St 3230 Buddhism & Environmental Ethics (3)
Hands-on Sustainability	Geog 4560 Resources & Indigenous Peoples (3)
Ag S M 1040 Physical Principles for Agric Appl (4)	Cities & the Built Environment
Ag S M 2320 Internal Combustion Power (3)	Geog 1840 Mapping the Environment (3)
Ag Econ 2070 or Nat R 2160 (3)	Geog 2720 Urban Geography (3)
Ag S M 2220 Agric & Industrial Structures (3)	Ag Econ 2070 or Nat R 2160 (3)
Ag S M 4140 Electricity: Wiring & Equipment (3)	A H & A 3720 Cities in the Western Imagination (3)
Energy & Materials	Sociol 3000 Urban Sociology (3)
Geol 1200 Environmental Geology (4)	Environmental Education
Ag S M 1040 Physical Principals for Agric Appl (4)	Theatr 1400 Acting for Non-Majors (3)
Ag Econ 2070 Environmental Econ & Policy (3)	T D P 2000 Inquiry into Learning I (3)
Geol 2600 Mineral & Energy Resources of the Earth (3)	Ag Econ 2070 or Nat R 2160 (3)
Ag S M 2320 Internal Combustion Power (3)	HDFS 2400 Principles of Human Development (3)

PRT 3231 Principles of Outdoor Recreation (3)