

## Program in the Environment Fall 2016 Course Offerings

Introductory Interdisciplinary Courses	Environment Social Science Courses Cont'd
<p><i>Environment Majors and Minors:</i>            ^ENVIRON 101/BIOLOGY 101 Energy, Food and Environment (4)            #ENV/BIO 110/AOSS/ EARTH 171 GC I: The Science Behind Sustain (4)            ENVIRON 139 FYS: Footprints Across Time (3)            ^ENVIRON 139 FYS: Taming Nature Domestication and Conservation (3)            ^ENVIRON 139 FYS: Exploring the Food System (3)            ENVIRON 139 FYS: Environment Messaging in an Election Year (3)            *#ENVIRON 201 Ecological Issues (4)            *^ENVIRON 270 Our Common Future (4)</p>	<p>*EHS 570 Water Quality Management (3)            *EHS 614 Water and Global Health (2)            HISTORY 384 Environmental History of China (4)            *HMP 200/PUBPOL 210 Health and Society: Intro to Public Health (4)RE            *PUBPOL 201 Systematic Thinking About the Problems of the Day (4)            *#PUBHLTH 350 Global Public Health (4)            RCCORE 334 Environmental Justice: Organizing Detroit (3)            *STRATEGY 411 The Corporation and Society (3)            *^UC 254.001 Obesity: Science, Cult, and Politics of Fatness in America (3)</p>
Environment Social Science Courses	Culture and Environment Courses
<p>*ENVIRON 207 Sustainability and Society (3)            *ENVIRON 211 Social Sciences and Environmental Problems (4)            *#ENVIRON 222 Intro to Environmental Justice (3)            ❖ENVIRON 224 Global Nuclear Proliferation (4)            ^ENVIRON 242.001 2.5 Million Years of Human Foods and Foodways (3)            *❖ENVIRON/CMPLXYS 250 Social Systems, Energy, and Public Policy (3)            *^ENVIRON 270 Our Common Future (4)            *^ENVIRON 290 Food: Ecology, Econ and Ethics of Growing and Eating (3)            *ENVIRON 302.001 Human Adaptations to Climate and Climate Change (3)            *ENVIRON 302.002 Natural Resource Law Policy (3)            *^ENVIRON 302.003 The Measure of our Meals (3)            *ENVIRON 302.004 Prescription Nature (3)            *❖ENVIRON 302.005/POLSCI 336 Energy Politics (3) ULWR            *#ENVIRON 306 Global Water (3)            *ENVIRON 308 Sustainability and Health (3)            *❖ENVIRON 312/POLSCI 380 Environmental Politics and Policy (3)            ENVIRON 335/AAS 322 Intro Env Politics: Race, Class &amp; Gender (4) RE            ENVIRON 345/SOC 380 Environmental Public Opinion Analysis (3)            *ENVIRON 360/PSYCH 384 Behavior and Environment (3)            *ENVIRON 370/UP 423 Intro to Urban and Environmental Planning (3)            *ENVIRON 375/ECON 370 Environmental and Resource Economics (3)            ENVIRON 385 Environmental History of China (4)            *ENVIRON 405 Urban Sprawl: Policy and Politics (3)            *#ENVIRON 408 Land Use Policy, Law and the Environment (3)            *❖ENVIRON 412 Environmental Values in Public Policy (3)            ENVIRON/COMM 413 Environmental Communication (3)            *^ENVIRON 462.001/UP 402 Foundations of Sustainable Food Systems (3)            *^ENVIRON 462.002 Localization: Transitional Thinking (1.5)            *❖ENVIRON 462.003 Fossil Fuel: Culture, Power, Phase-out (2)            *ENVIRON 462.004 Psychology of Climate Change (3)            *^ANTHRCUL 254.001 Anthropology of Food (4)            *CMPLXSYS 391 Introduction to Modeling Political Process (4)            *EHS 500 Introduction to Environmental Health Science (3)</p>	<p>ENVIRON 236 Environment and History in Preindustrial Europe (3)            *ENVIRON/PHIL 240 Environmental Ethics: Philosophical Underpinnings (3)            *^ENVIRON 270 Our Common Future (4)            ENVIRON 302.001 Human Adapt to Climate and Climate Change (3)            *ENVIRON 304.001/ENGL 320 Ecocriticism (3)            ❖ENVIRON 304.002 Environmental History in the U.S. (4)            *ENVIRON 304.006 Writing and Environment (3)            #ENVIRON 305 Great Lakes in Literature, History, and Law (3)            *ENVIRON 320 Environmental Journalism (3) ULWR            ENVIRON 335/AAS 322 Intro Env Politics: Race, Class &amp; Gender (4) RE            *ENVIRON/RCHUMS 337 Children Under Fire, Narratives of Sustainability (3)            *ENVIRON 370 Intro to Urban and Environmental Planning (3)            *ENVIRON 377/ENGL 320 Southern Natures: Race and Environ in the US South (3)            ^ENVIRON 390 Environmental Activism Citizenship in a Republic (3)            *^ENVIRON 462.001 Foundations of Sustainable Food Systems (3)            *^ENVIRON 462.002 Localization: Transitional Thinking (1.5)            ❖AAS 359 African Politics (3)            AMCULT 217 Introduction to Native American Studies (3)            AMCULT/HISTORY 284 Sickness &amp; Health (4)            *^ANTHRARC 296.001 Local Food Producers (3)            ANTHRBIO 201 Intro to Biological Anthro (4)            ANTHRBIO 368 Primate Social Behavior (4)            ANTHRBIO 373 Humans and Environmental Change (3)            *^ANTHRCUL 254.001 Anthropology of Food (4)            *ARCH 209/RCHUMS 334 Experiencing Architecture (3)            *ARCH/HISTART 212 Understanding Architecture (3)            *^ARCH/UP 357 Architecture, Sustainability and the City (3)            ENGLISH 328 Writing and the Environment (3) ULWR            HF/MOVESCI 241 Exercise, Nutrition and Weight Control (3)            *PHIL 355 Contemporary Moral Problems (4)            *^UC 254.001 Obesity: The Science, Cult, and Politics of Fatness in America (3)</p>

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<p style="text-align: center;"><b>Natural and Earth Systems Science</b></p> <p><i>Any natural science course 200 level or above from departments including AOSS, Biology, Chemistry, CEE, EEB, Environ, Earth, NRE, and etc.</i></p> <p>#ENVIRON/EARTH 206 Environment and the Water Cycle (2)          ENVIRON 209/EARTH 201 Intro to Environ Science and Geography (4)          #ENVIRON 232 Introductory Oceanography (3)          ^ENVIRON 243 Plants and People (3)          ENVIRON 259 Earth's Future and a Resilient Human Society (4)          *#ENVIRON 309 GIS Explorations (3)          *^ENVIRON 317 Conservation of Biological Diversity (3)          *❖ENVIRON/EARTH 380 Mineral Resources, Econ and Environment (4)          *ENVIRON 415/EEB 424 Behavior Ecology and Conservation Biology (4)          *^#ENVIRON 421 Restoration Ecology (4)          #ENVIRON 426 Introduction of Physical Oceanography (3)          #ENVIRON 430/EEB 489 Soil Ecology (3)          ENVIRON 433 Ornithology (4)          ENVIRON 436 Woody Plants (4)          ENVIRON 461 Primate Conservation Biology (3)          *#ENVIRON 463 Stream Restoration (4)          *#ENVIRON 479/EARTH 477 Hydrogeology (4)          ANTHRIBIO 201 Intro to Biological Anthro (4)          ANTHRIBIO 368 Primate Social Behavior (4)          ^BIOLOGY 212 Plants and Human Health (3)          BIOLOGY 230 Intro to Plant Biology (4)          ANTHRIBIO 201 Intro to Biological Anthro (4)          ANTHRIBIO 373 Humans and Environmental Change (3)          ANTHRIBIO 368 Primate Social Behavior (4)          *#❖CEE 265 Sustainable Engineering Principles (3)          #EARTH 478 Geochemistry of Natural Waters (4)          #EEB 380 Oceanography: Marine Ecology (3)          #EEB 483 Freshwater Ecosystems: Limnology (4)          ^EEB 498 Agroecosystems (3)          ^HF/MOVESCI 241 Exercise, Nutrition and Weight Control (3)          *RCNSCI 419/NRE 574 Sustainable Energy Syst *SENIORS with permission (3)          *#❖PHYSICS 210 Energy for our Future (3)</p>	<p style="text-align: center;"><b>Senior Capstone Courses</b></p> <p>*#ENVIRON 306 Global Water (3)          *ENVIRON 308 Sustainability and Health (3)          *#ENVIRON 309 GIS Explorations (3)          ENVIRON 320 Environmental Journalism (3) ULWR          *ENVIRON 370 Intro to Urban Planning and Environment (3)          *❖ENVIRON/EARTH 380 Mineral Resources, Econ and the Environment (4) ULWR          *ENVIRON 405 Urban Sprawl: Policy and Politics (3)          *#ENVIRON 408 Land Use Policy, Law and the Environment (3)          *ENVIRON 418 Leadership and Environmental Stewardship (3)          *^#ENVIRON 421 Restoration Ecology (4)</p> <p style="text-align: center;"><b>Energy Minor Specific</b></p> <p>❖CEE 230 Thermodynamics and the Environment (3)          ❖CEE 565 Seminars on Energy Systems, Technology and Policy (3)          ❖CHE 230 Material and Energy Balances (4)          ❖CHEM 260 Chemical Principles (3)          ❖EECS 498 Intro to Social and Technological Networks (3)          ❖EECS 598.002 Hybrid Systems: Specification, Verification and Control (3)          ❖MECHENG 433 Advanced Energy Solutions (3)          ❖MECHENG 438 Internal Combustion Engines (4)          ❖PHYSICS 406 Statistical and Thermal Physics (3)          ❖PUBPOL 519 Sustainable Energy Systems (3) *SENIORS with permission          ❖HISTORY 241 America and Middle East Wars (4) SS</p> <p style="text-align: center;"><b>Food and Environment Minor Specific</b></p> <p>^BIOLOGY 105 Biology of Nutrition (4)          ^EARTH 154 Ocean Resources (3)          ^ENVIRON 139 FYS: Exploring the Food System (3)          ^ENVIRON 139 FYS: Taming Nature Domestication and Conservation (3)</p> <p style="text-align: center;"><b>Analytics Course</b></p> <p><i>Environment Majors and Minors:</i>          STATS 250 Introduction to Statistics and Data Analysis (4)          SOC 210 Elementary Statistics (4)</p>
<p style="text-align: center;"><b>Upper-Level Writing Courses</b></p> <p>*❖ENVIRON 302.005/POLSCI 336 Energy Politics (3)          *ENVIRON 304.001 Ecocriticism (3)          *ENVIRON 304.006 Writing and Environment          ENVIRON 320 Environmental Journalism (3)          ENVIRON/EEB 372 Ecology Lab (3)          *❖ENVIRON/EARTH 380 Mineral Resources, Economics and Environment (4)          ENGLISH 328 Writing and the Environment (3)</p>	<p><b>Courses with * can be used as a Sustainability minor requirement.</b>  <b>Courses with ^ can be used as a Food Systems minor requirement.</b>  <b>Courses with ❖ can be used as a Energy minor requirement.</b>  <b>Courses with # can be used as a Water minor requirement.</b></p> <p><b>ENVIRON/EEB 372 Ecology Lab only offered in Fall terms</b></p>