

Environmental Studies Fall 2020

ES.EES 002-010 Introduction to Environmental Science T,R 1:35-2:50 pm, 3 credits

Professor Sahagian **CRN 44548** NS, STS

ES.EES 004 The Science of Environmental Issues, *Professor Bebout*, 1 credit, NS, STS

Section 010, R 12:10-1:00 pm, **CRN 42509**

Section 012, F 1:35-2:25 pm, **CRN 42510**

ES.EES.ANTH 090-010 U.S. Can the US meet the Challenge of Climate Change? M,W 3:00-4:15 pm, 4 credits, *Professor Wurth* **CRN 44070** SS

Students in the course will examine the established science and potential impacts of climate change and investigate the range of possible responses that U.S. citizens can adopt through their political, social, institutional, and economic efforts. Special attention will be paid to the possibility of "win-win" initiatives, the impacts of the many decision-making entities in the United States (including institutions of higher education), and the economic and political obstacles to a viable transition to a stable climate future.

ES.POLS 090-011 Challenges of Sustainability M,W 9:20-10:35 am, 4 credits

Professor Felzer **CRN 44549** SS

Humanity in the 21st century faces a number of existential threats. How will a changing earth (e.g. climate, biodiversity loss, changes in biogeochemical cycling, and land use and land cover change) affect human lives, and how can we mitigate and adapt to these changes? What environmental, economic, political, and social factors are placing our future at risk? What solutions must we consider to make our societies more sustainable? By consulting thinkers representing environmental science, social science, and the humanities, we will explore the problems confronting humanity as well as ideas for alternative ways of living on the planet. Nonfiction readings will include scientific studies of the climate and other environmental changes approaching the tipping points, systems of political and economic organization, and the origins of contemporary environmental crises. Speculative short fiction readings will also present visions for more sustainable futures.

ES.POLS 105-010 US Environmental Policy and Law T,R 12:10-1:25 pm, 4 credits

Professor Holland **CRN 44797** STS

ES.JOUR 125 Environment, the Public & the Mass Media T,R 1:35-2:50 pm, 4 credits, Professor Friedman,

Section 010 CRN 43929 SS, *WRIT*, Restricted to Environmental Studies Majors and Minors

Section 011 CRN 44254 SS, *WRIT*

ES 181-010 Independent Study 1-4 credits, Instructor permission required, *Environmental Studies Faculty*

ES.ANTH 196-010 Ethnobotany M,W 3:00-4:15, pm 4 credits

Professor Zent **CRN 44142** SS

This course explores the meanings and uses given to plants by diverse cultures in their unique ecological settings. Ethnobotany combines botany and cultural anthropology to study how people classify, use, and

manage plants for medicine, food, and ritual. This course introduces the history, methods, theory, and practical applications of ethnobotany, including plant conservation, sustainable development, and cultural survival. Special emphasis will be placed on learning to do ethnobotany through student research projects.

ES 254-010 Buddhism And Ecology T,R 3:00-4:15 pm, 4 credits

Professor Pitkin CRN 43106 HU, WRIT

ES 294-010 Practicum Environmental Study 1-4 credits

Professor Friedman CRN 44183

ES.AAS.POLS 305-010 Residential Segregation M,W 10:45-12:00 pm, 4 credits

Professor Pooley CRN 42323 SS

ES.SDEV 310-010 Foundations of Sustainable Devopment Practice T 7:55-10:35 am, 4 credits

Professor Morris CRN 42327 SS

ES.POLS 312-010 Urban Environmental Policy Workshop M,W 1:35-2:50 pm, 4 credits

Professor Pooley CRN 43026 SS

ES 391 Honors Thesis 1-4 credits, *HU, SS*, Instructor permission required, Environmental Studies Faculty

ES 393 Supervised Internship 1-4 credits *HU, NS, SS*, Instructor permission required, Environmental Studies Faculty

ES.POLS 395-010 Advanced Environmental Policy W 4:25-7:05 pm, 4 credits

Professor Holland CRN 44877

An introduction to the history of domestic environmental policy and several contemporary policy debates about the environment, such as how to value (i.e. put a price on) the environment, the role of public participation and scientific expertise in policy, and economic and rights-based approaches to environmental protection.

ES.EES 402-010 Scientific Foundations for Environmental Policy Design T 4:25-7:0 pm5, 3 credits

Professor Sahagian CRN 44751 NS

ES.POLS 405-010 Residential Segregation M,W 10:45-12:00 pm, 3 credits

Professor Pooley, Karen CRN 42325

ES 410-010 Foundations Sustainable Devopment Practice T 7:55-10:35 am, 3 credits

Professor Morris CRN 42328

ES.POLS 412-010 Urban Environmental Policy Workshop M,W 1:35-2:50, 3 credits

Professor Pooley CRN 43028

ES 480 Internship Environmental Policy 3 credits, Instructor permission required, *Environmental Studies Faculty*

ES 483 Independent Study 1-3 credits, Instructor permission required, *Environmental Studies Faculty*

ES 490 Thesis 1-6 credits, Instructor permission required, *Environmental Studies Faculty*

ES.POLS 495-010 Advanced Environmental Policy W 1625-1905, 1-4 credits

Professor Holland **CRN 44799**

An introduction to the history of domestic environmental policy and several contemporary policy debates about the environment, such as how to value (i.e. put a price on) the environment, the role of public participation and scientific expertise in policy, and economic and rights-based approaches to environmental protection.