		LMU Sustainability Focused	d & Related Courses 2018-2019		
Code	Department	Course Name	Course Description	Focused	Related
BIOL	Biology	102 General Biology II	An introduction to the mechanism of evolution; major patterns of biotic evolution; and the principles of ecology.	Tocuseu	Y
BIOL	Biology	112 General Biology II Lab	An experimental approach to biology with emphasis on design, execution, and analysis to answer biological questions.		Y
ыос	Бююду	112 General Biology II Lab	This course addresses fundamental concepts and language of biology.		
BIOL	Biology	114 Biology For Engineers	Topics include cell biology, genetics, organ systems, ecosystems, organisms, and engineering applications.		Υ
			Introduction to the geography, climate, plant communities, and common		
BIOL	Biology	263 Natural History of Southern California	animals of Southern California; animals will be covered in regard to behavior, taxonomy, and ecology.		Υ
			An introduction to marine biology, including its history, different communities and the animals and plants that occur in marine		
BIOL	Biology	264 The Marine Environment	ecosystems, and their economic importance.		Υ
			An introduction to the natural evolution of plant species and the associated cultural evolution of man's relationship to plants. A		
			multidisciplinary approach to studying the relationship between plants and people. An exploration of plants as sources of food and medicine,		
BIOL	Biology	277 Pants and Society	commercial products, and the role of plants in preserving and restoring the environment.		Y
BIOL	Бююду	211 Fams and Society	Field studies of the tropical marine habitats in Isla Roatan, Honduras.		
BIOL	Riology	278 Tropical Marine Ecology	This includes the examination of the ecology and biology of coral reefs, mangroves, seagrass beds, and intertidal communities.		v
BIOL	Biology	276 Hopical Marine Ecology			T .
			Study of various ways in which plants interact with other organisms, such as herbivores, pathogens, symbiotic bacteria and fungi, and the		
			outcomes of that interplay. Examination of the physiological, biochemical, and genetic bases of these interactions and how understanding the		
BIOL	Biology	311 Plant Interactions	chemical and molecular communication that takes place has implications for improvement of agriculture and human health.	Υ	
			The identification, distribution, evolution, and ecological relationships of		
BIOL	Biology	312 Field Botany	the native plants of Southern California.  An introduction to Neotropical biodiversity, natural history and	Υ	
			conservation, as well as an examination of the diversity of tropical	.,	
BIOL	Biology	314 Tropical Ecology	species interactions in an international field setting.  An exploration of the interactions between organisms and their biotic and	Υ	
BIOL	Biology	318 Principles Of Ecology	abiotic environment across population, community, and ecosystem levels.	Υ	
			An analysis of the dynamic and integrated nature of urbanized landscapes. Using active inquiry and the original literature, the course		
			will engage the current theories and practice of the research being conducted on the patterns and process of urban ecosystems-ranging		
			from biodiversity and trophic dynamics, to public health and	.,	
BIOL	Biology	321 Urban Ecology	environmental justice.  An inquiry-based investigation into the biophysical and human social	Y	
BIOL	Biology	322 Urban Ecology Lab	dimensions of a local urban ecosystem, with a focus on group project development. At least one Saturday trip.	Υ	
			Field studies of the tropical marine habitats on Isla Roatán, Honduras.  This includes the examination of physical, chemical, and ecological		
DIOL	Dieler	200 Taraisal Marina Fastani	aspects as applied to coral reefs, mangroves, seagrass beds, and	Y	
BIOL	Biology	328 Tropical Marine Ecology	intertidal communities.	Y	
BIOL	Biology	329 Marine Ecology of Baja, California	Field studies of subtropical, intertidal and subtidal habitats along the coasts of Baja, California peninsula.		Υ
			Examination of physical, physiological, and ecological characteristics of mammals, including taxonomic relationships, feeding and reproductive		
BIOL	Biology	333 Biology of Mammals	strategies, and local and world distribution of mammalian orders and families.		~
BIOL	Бююду	333 Biology of Warminals			
BIOL	Biology	353 Plant Physiology	Introduction to plant function, including photosynthesis, mineral nutrition, water relations, metabolism, and growth processes.		Υ
			Environmental and evolutionary influences on functioning of animals, focusing on mechanisms and strategies utilized by animals to cope with		
BIOL	Biology	357 Comparative Animal Physiology	challenges imposed by their biotic and abiotic surroundings.		Υ
			Biotechnology is a broad discipline in which biological processes, organisms, cells or cellular components are exploited to develop new		
			technologies. Plant biotechnology employs a wide range of tools,		
			including traditional breeding techniques and genetic engineering, to create plants with improved traitsmore productive crops, more nutritious		
			foods, and the production of biomaterials, medicines, and bioenergy.  Principles of genetics, molecular biology, genomics, biochemistry, plant		
			cell and tissue culture, and agronomy are employed to develop these novel technologies. We will discuss methodologies used to produce		
			these plants, the genes that have been introduced to crop plants, and commercial product development. The course will also address concerns		
DIO!	Diele	270 Plant Pi 1 1 1 1 1	associated with plant biotechnology, including food safety, ecological		V
BIOL	Biology	370 Plant Biotechnology	risks, and resistance. Field studies of the tropical marine habitats in Isla Roatán, Honduras.		Y
BIOL	Biology	380 Tropical Marine Ecol Lab	This includes the examination of the ecology and biology of coral reefs, mangroves, seagrass beds, and intertidal communities.	Υ	
BIOL	Biology	398 Special Studies	Applied Plant Ecology  Examination of the physical, chemical, and biological patterns and		Υ
BIOL	Biology	422 Marine Biology	processes that shape life in the oceans.  Biochemical, molecular, and genetic approaches to the study of pattern		Υ
	Piolo	427 Plant Development	and tissue formation, embryogenesis, germination, flowering,		_
BIOL BIOL	Biology Biology	437 Plant Development 438 Plant Development Lab	photosynthesis, and plant-microbe interaction.  Laboratory experiments in plant developmental biology.		Y
			The application of the techniques employed in molecular biology to the study of inherited diseases, genetic engineering, infectious diseases,		
BIOL	Biology	439 Molecular Biology Applications	cancer, and gene therapy.		Υ

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This is an applied course that focuses on the interactions of business, government, and societal institutions, Particular attention is directed to such topics as economic systems, stakeholder management, political and legislative process, sustainability, and corporate governance. Themes of ethics, social responsibility, and leadership will be emphasized. There are two specific goals: 1) The student grasps the broad issues of corporate social responsibility, and 2 processes the student grasps the broad issues of corporate social responsibility, and 2 processes the student grasps the broad issues of corporate social responsibility, and 2 processes the student grasps the broad issues of corporate social responsibility and 2) The student develops decision making skills needed to lead a corporation to productive solutions.  An introductory exploration of how the Earth works. Focus is placed on connecting the Earth systems + the solid Earth, atmosphere, oceans, and biosphere - through the cycling of chemical elements and energy. The course will also discuss significant anthropogenic impacts to the natural earth system.  CHEM Chemistry 250 Earth Systems Earth system.  Study of the methods of inquiry used across the disciplines in science. Development of scientific literacy through discussion of important public issues such as energy, medicine, the environment, and climate change. Y Introduction to elements of water treatment, water pollution control, solid and hazardous wasted disposal, and air pollution control. The interrelationships of the movement of pollutants between the land, air, and wastewater treatment.  CIVL Civil Engineering 320 Introduction to Environmental Engineering 400 Fundamentals of Water And Wastewater treatment.  CIVL Civil Engineering 406 Water Resources Planning And Design And an orner media are discussed.  Flood control hydrology including rainfall, unit hydrographs, flood frequency analysis and flood routing. Development of surface and groundwater surpolites of soil, consolidation, settlement	BADM	Business Administration				Υ
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slope stability, flow through porous media, and open-ended design	···-	- 53	and a sough	Physical and mechanical properties of soil, consolidation, settlement of		
CIVL Civil Engineering 410 Soil Mechanics problems.	CIVL	Civil Engineering	410 Soil Mechanics	problems.		Υ

			An integrated senior design experience which utilizes knowledge from the civil engineering curriculum. In addition to the technical aspects, the designs consider costs, sustainability economics, and environmental factors. Class lectures include discussion of the design process, environmental impact, engineering and professional ethics, the engineering profession, professional practice issues, the role of the engineer in the construction process, and procurement of engineering		
CIVL	Civil Engineering	460 Civil Engineering Design	work. Student project reports and presentations are required.  Design and analysis of hydraulic structures and pump stations; rainfall-		Y
CIVL	Civil Engineering	511 Hydraulic Analysis and Design	runoff models; determination of reservoir storage; unsteady flow and water hammer; flood routing techniques; sediment transport.		V
CIVL	Civil Engineering	311 Hydraulic Arialysis and Design	Review of the basic parameters used to describe water quality.		1
			Fundamentals of aquatic interaction in natural systems and fate of pollutants in the natural environments. Basic water and wastewater		
CIVL CIVL	Civil Engineering Civil Engineering	531 Principles Of Water Quality Management 554 Surface Water Hydrology	treatment systems.	Υ	Y
CIVL	Civil Engineering	598 Special Studies	N/A Construction Mngmnt & LEED		Y
CIVL	Civil Engineering	603 Engineering Sustainability And LEED	Introduction to the role of engineers in sustainability with focus on the modern engineer's role on design. Topics include environmental impacts, sustainable construction, recycled water and desalination, renewable energy, and management and conservation techniques. Additionally, the course prepares students in Leadership in Energy and Environmental Design (LEED) with the overall goal for them to receive LEED Green Associate credentials.		Y
CIVL	Civil Engineering	003 Engineering Sustainability And LEED	Design and analysis of hydraulic structures and pump stations; rainfall-		1
CIVL	Civil Engineering	607 Hydraulic Analysis and Design	runoff models; determination of reservoir storage; unsteady flow and water hammer; flood routing techniques; sediment transport.  Theory and practice of the physical and chemical treatment processes to treat water and wastewater including flow equalization, preliminary treatment, grit removal, primary sedimentation, filtration, floatation,		Y
CIVL	Civil Engineering	640 Physical & Chemistry Treatment Processes	adsorption, ion exchange and membrance separation, air stripping, precipitation, chemical oxidation and disinfection.	Υ	
		,	Theory and practice of biological treatment of wastewater and wastewater residuals including activated sludge, biotower and fixed film systems, oxygen transfer, secondary clarification, nutrient removal, aerobic and anaerobic digestion, composting, oxidation ponds, and		
CIVL	Civil Engineering	641 Biological Treatment Processes	wetlands.		Υ
			Study of the elements of the hydrologic cycle, rainfall, streamflow, infiltration, evapotranspiration, snowmelt, hydrographs, probability, river and reservoir routing, runoff determination using the rational method and		
CIVL CIVL	Civil Engineering Civil Engineering	654 Surface Water Hydrology 698 Special Studies	hydrograph methods. Sustainable Engineering and Infrastructure		Y
ECON	Economics	4740 Economic Development	This course is about global poverty, with a focus on the market failures that often characterize countries in the developing world and the solutions that countries have adopted to deal with these failures. We will explore how missing or incomplete markets for land, insurance, and credit give rise to the institutions that we see in developing countries, particularly in rural areas. Evidence about important policy debates, such as the role of industrialized countries in the development process, will be discussed in detail.		Y
LCON	Economics	4740 Economic Development	Introduction to the study of environmental science. Examination of issues and problems associated with the environment including examples from		
ENVS	Environmental Science	101 Introduction To Environmental Science	air, water, and soil pollution and some remediation strategies.	Υ	
			An introductory exploration of how the Earth works. Focus is placed on connecting the Earth systems-the solid Earth, atmosphere, oceans, and biosphere-through the cycling of chemical elements and energy. The course will also discuss significant anthropogenic impacts to the natural		
ENVS	Environmental Science	250 Earth Science	Earth system.		Υ
			This course explores the reality that the most difficult and enduring challenges are not merely technical but also social and institutional. An introduction to the basic science behind key environmental issues is provided along with tools for analyzing the social and institutional underpinnings of environmental conflict, and strategies to move towards		
ENVS	Environmental Science	279 Principles Of Environmental Sustainability	sustainability.  Atmospheric, aqueous, and igneous agencies; river and marine deposits, glaciers, earth movements, volcanoes, earthquakes. Emphasis placed	Y	
ENVS	Environmental Science	300 Engineering Geology	on factors affecting engineering projects; field trips.  A study of chemical processes in the environment. Topics include		Y
ENVS	Environmental Science	357 Environmental Chemistry I	stratospheric ozone depletion, the greenhouse effect, climate change, air pollution, and non-renewable sources of energy.  A study of chemical processes in the environment. Topics include		Y
ENVS	Environmental Science	358 Environmental Chemistry II	renewable sources of energy, water chemistry, water purification, sewage treatment, pesticides, solid waste, soils and sediments.  Analysis to determine pollutants found in air, water, soil systems;		Υ
ENVS	Environmental Science	359 Environmental Chemistry Lab	emphasis on the use of instrumental methods and techniques.		Υ
ENVS ENVS	Environmental Science Environmental Science	398 Special Studies 490 Environmental Science Teaching	Climate Change, Health, Food Guided teaching of undergraduate laboratories.	Y	
ENVS	Environmental Science	491 Environmental Science Capstone I	Work on a research project within the field of environmental science.  Focus will be on conducting a literature review, developing an experimental procedure, and collection of data for the project.  Work on a research project within the field of environmental science.		Y
ENVS	Environmental Science	492 Environmental Science Capstone II	Focus will be on determining results and discussion of results, preparation for presentation, and write up of paper for submission for the project.		Y
ENVS	Environmental Science	493 Environmental Science Intern	Work experience in the field of environmental science in a research, industry, or municipal setting.		Y
ENVS	Environmental Science	500 Geology	Atmospheric, aqueous, and igneous agencies; river and marine deposits, glacier, earth movement, volcanoes, earthquakes. Emphasis placed on factors affecting engineering projects; field trips.		Υ
ENIVO	F	500 America Ob. 111	Equilibrium chemistry concepts including gas- and solid-liquid equilibria applied to aquatic systems. Emphasis on calculation methods for solving		,
ENVS	Environmental Science	533 Aquatic Chemistry	for chemical speciation in natural and treated aquatic systems.	1	Υ

			Discussion of watershed structure, function, pollution, management and		
			protection. Topics include ecosystem services provided by various types of watersheds, impacts from various pollutants and poor land uses, and		
			mitigation measures through various regulatory measures and best		
			management practices (BMPs). Several weekend field trips are required,		
			and a class project will be assigned involving some aspect of watershed		
ENVS	Environmental Science	550 Watershed Function And Protection	protection strategy.		Υ
ENVS	Environmental Science	598 Special Studies	Chem Fate & Transport		Υ
			Review of the basic parameters used to describe water quality.		
			Fundamentals of aquatic interaction in natural systems and fate of pollutants in the natural environments. Basic water and wastewater		
			treatment systems.		
ENVS	Environmental Science	631 Principles Of Water Quality Management	troumont dystoms.		Υ
			Review of the basic parameters used to describe water quality.		
			Fundamentals of aquatic interaction in natural systems and fate of		
			pollutants in the natural environments. Basic water and wastewater		
ENVS	Environmental Science	633 Aquatic Chemistry	treatment systems.		Υ
			Introduction to physical, chemical, and biological processes governing		
			the movement and fate of chemicals in surface water and the		
ENIVE	Environmental Science	625 Chaminal Fata and Transport	subsurface. Practical quantitative problems solved based on chemical		Y
ENVS	Environmental Science	635 Chemical Fate and Transport	transport and reactions in the environment.  Discussion of watershed structure, function, pollution, management and		T
			protection. Topics include ecosystem services provided by various types		
			of watersheds, impacts from various pollutants and poor land uses, and		
			mitigation measures through various regulatory measures and best		
			management practices (BMPs). Several weekend field trips are required,		
			and a class project will be assigned involving some aspect of watershed		
ENVS	Environmental Science	650 Watershed Function and Protection	protection strategy.		Υ
ENVS	Environmental Science	698 Independent Studies	Spatial Data Analysis & GIS		Υ
			The course is an overview of issues in environmental studies from the		
			perspective of the humanities and social sciences. Topics may include		
EVCT	Facilities and Co	4000 lates due to 5 - 10 - 10 - 10	philosophical, theological, historical, economic, and/or political analyses	v	
EVST	Environmental Studies	1000 Introduction to Environmental Studies 1998 Special Studies	of environmental issues.	Y	
EVST EVST	Environmental Studies Environmental Studies	3998 Special Studies	Modern Global Environmental History  Natural Resource Economics	Y	Υ
EVST	Environmental Studies  Environmental Studies	4998 Special Studies	Environmental Scholars: Computer Based Research		Y
_ 101	Environmental oludies	1500 openial oludios	This course addresses personal, professional, and societal imperatives		<u> </u>
			surrounding global career competence and related ongoing		
			developments associated with the dynamic and pervasive process of		
			globalization. The dark side of globalization also is examined, and		
			students discuss their important responsibilities and opportunities for		
			asserting moral leadership in influencing how their future organizations		
		1000 Your Future Career In The Global	contribute to sustainability and exert a positive impact upon global		
FFYS	First Year Seminar	Workforce	society		Υ
			The study of human-dominated landscapes, such as cities, is being transformed by a new theory called Ecological Resilience. Working with		
			the original literature, we will engage the research being conducted on		
			the patterns and processes of urban ecosystems—ranging from		
			biodiversity, trophic dynamics and urban forests, to public health,		
FFYS	First Year Seminar	1000 Imagining The Resilient City		Υ	
			In this course, the focus will be on integrating material from the		
			disciplines of biology, chemistry and mathematics as well as from other		
			disciplines outside of the sciences. This will be done by looking at the		
FFYS	First Year Seminar	1000 LEAPIN	science of climate change and efforts to address global warming.	Y	
			A highly interactive, creative and exciting course dealing with issues of		
FFYS	First Year Seminar	1000 Effective Personal Ethics	ethics, conflict resolution, core values, decision models, personal and environmental sustainability.		~
1110	i iist reai Seminai	1000 Effective Fersonal Ethics	This course will engage students in connecting concepts about Empathy		+'
			found in a variety of texts, rituals, and art works to the themes of the LMU		
			Mission in order to learn and explore how humankind maps paths		
			negotiating social issues that affect the body, mind, and spirit of		
FFYS	First Year Seminar	1000 Empathy: An Antidote	humankind and the planet.		Υ
	1		This FYS will introduce students to the field of environmental history by		
	1		presenting essential concepts, concerns, and methods in the context of		
	1		United States history. Our topics will include American Indian societies, European colonization and settlement, urbanization and industrialization,		
			conservation and environmentalism, environmental racism and social		
FFYS	First Year Seminar	1000 People And The Environment	justice, and contemporary environmental issues in historical perspective.	Υ	
	. not roal common	1000 Copio raio Tito Environment	This course serves as an introduction to the main analytical approaches	•	
			to making sense of global politics. This is guided by		
			paradigms—particular ways of looking at world affairs—and most		
			debates over substantive and empirical issues—whether scholarly or in		
			media outlets—are seen and constructed through these lenses. Includes		
FF)/O	E	4000 14 15 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	unit on how climate change has been addressed in the political sphere		
FFYS	First Year Seminar	1000 Making Sense Of Global Politics	and how it can be addressed in the future.		Y
GEOG	Geography	2000 World Geography	This course will introduce students to the basics of human health,		1
			including physical and psychological well-being, spiritual health.		
HHSC	Health & Human Sciences	170 Personal Health	environmental health, nutrition, and exercise.		Υ
			Nutritional science will be covered in relation to global perspectives,		
	1		culture, religion, and environmental issues. Study will include topics of		
	1		world hunger, food safety, genetically modified foods, and		
			organic/sustainable farming practices. The agricultural approach to		
	L		farming and its influence on the environment, our food supply, and		
	Health & Human Sciences	335 Global Nutrition	ultimately our health will be studied.	.,	Υ
HHSC		398 Special Studies	Climate Change, Health, Food	Υ	1
HHSC HHSC	Health & Human Sciences	330 Opeciai Otudies			
		330 Opecial Olddies	A course in global history with a particular feet an an environmental		
		330 Special Statiles	A course in global history with a particular focus on environmental history exploring how humans, animals, natural forces, and science and		
		350 Special Gludies	history, exploring how humans, animals, natural forces, and science and		
		330 Special Gludies	history, exploring how humans, animals, natural forces, and science and technology have shaped the environment; the ways in which historical		
		330 Special Gludies	history, exploring how humans, animals, natural forces, and science and		

			This course examines the history of the West, defined as European and		
			North American societies and cultures, through the lens of science and		
			nature from the sixteenth century to the present, tracing the history of		
			ideas about science and nature in relation to broader social, economic,		
LUCT	18.4	4000 O : No O O I - TI - W	and political changes and demonstrating the inseparability of science and		.,
HIST	History	1900 Science, Nature, & Society In The West	social context.		Y
			This course presents essential concepts, concerns, and methods of		
			environmental history—the study of the relationships between humans		
			and their physical environments—in the context of United States history.		
			Topics include American Indians and the environment, European		
			colonization and settlement, urbanization and industrialization,		
			conservation and environmentalism, environmental racism and social		
HIST	History	3452 US Environmental History	justice, and contemporary environmental issues in historical perspective.	Υ	
	,		Using interdisciplinary methodologies, this upper-division course will		
			explore the ways in which food has the power to both shape and reflect		
			cultural, socioeconomic, religious, and political realities within a		
HIST	History	4451 The History Of Food In America	transnational context.		Υ
		,			
			This course sensitizes students to the broad range of environmental		1
			issues affecting business and society today. It examines how society's		1
			increasing concern for the natural environment is having a major impact		
MBAB	Mgmt/Orgnztnal Behavior	650 Environmental Strategy	on business firms as well as how business is affecting the environment.		Υ
			The study of moral and ethical issues as they relate to the environment		
PHIL	Philosophy	3110 Environmental Ethics	and nonhuman nature.		Υ
PHIL	Philosophy	3998 Special Studies	Environmental Virtue Ethics		Υ
			Analysis of political institutions and processes in urban areas of the U.S.,		
			including policy-making processes, power structures, urban problems,		
POLS	Political Science	3340 Urban Politics	and intergovernmental relations.		Υ
			A survey of challenges to security and peace in modern international		
DOI 0	D. 177 - 1 O. 1	0000 1-1	relations, such as war, the nuclear peril, terrorism, revolution, ecological		
POLS	Political Science	3620 International Security	dangers, economic pressures, and sociodemographic crises.		Υ
DOL C	Dalitical Cainage	2050 Heitard Otaton Familian Ballian	Analysis of recent United States foreign policy with a focus on the policy		v
POLS POLS	Political Science Political Science	3650 United States Foreign Policy 3998 Special Studies	making and implementation process.  Climate Change & Public Health	Υ	Y
POLS	Political Science	3998 Special Studies	An examination of the basic historical processes which have shaped	Y	
			cities, including spatial differentiation. Topics may include the formation		
			of community, metropolitan deconcentration, urban poverty, housing		
SOCL	Sociology	3300 Urban Sociology	segregation, and third world urbanization.		V
0002	Cociciogy	occo organ occiology	In this course, we will discuss how the world's religious traditions		
			approach the topic of the relationship between ecological and religious		
THST	Theological Studies	3780 World Religions And Ecology	values.		Υ
		, , , , , , , , , , , , , , , , , , ,	An introduction to historic and contemporary cities, processes or		
			urbanization, and urban society. Course topics include urban origins,		
			urban economics, the internal structure of cities, urban infrastructure,		
			urban social and cultural processes, urban physical and social		
URBN	Urban Studies	1000 The Urban World	environments, and city systems in the regional and global context.		Υ
			An introduction of the social, economic, political, environmental, and		
			spatial characteristics and dynamics of metropolitan Los Angeles in the		
URBN	Urban Studies	3010 Metropolitan Los Angeles	context of postmodern urbanization in the United States.		Υ
			An examination of the challenges of and potential solutions to the		1
			sustainability of socioeconomic, environmental, and ecological systems		1
			associated with historic, contemporary, and future urbanization. Course		1
			topics include an analysis of the sustainability of historic and		
			contemporary cities, the consideration of sustainable alternatives		
URBN	Urban Studies	3046 Sustainable Cities	associated with such trends as New Urbanism, and the potential for alternative urban policies and practices designed to foster sustainability.	Υ	1
URBN	Urban Studies Urban Studies	3998 Special Studies	Environmental Planning/Policy	Y	
UNDIN	Orball Studies	Sago Special Studies	Environmental Flammig/Policy	1	<del>                                     </del>
			This course explores the relationships between peoples and		1
			environments, focusing on the roles and resources, identity, power		1
			relations, and geography. The course explores the theoretical and		1
			material implications of the different ways in which environmental		
			injustice leads to the degradation of gendered environments and bodies.		1
			The course will provide multiple interdisciplinary perspectives on the		